ADDENDUM

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Copper Mountain College Management TEAM

Management

Evelyn Sheffield, M.Ed.
Dean of Instruction, Career Technical Education and Career Services

Eva Hedger, Ed.D
Dean of Instruction, Distance Education and Learning Resources

Alma Correa, PhD
Dean of Planning, Research, & Institutional Effectiveness

Jennifer O'Donnell, MA
Dean of Student Services

JJ Santa Cruz, MA
Director of Athletics and Kinesiology

Matthew Hirsch, MS
Director of Facilities and Operations

Brittney Blakeley, BA
Director of Financial Aid

Jared Zwicker, BS
Director of Fiscal Services

Roengsak Cartwright, MS
Director of Information Technology

Sandy Smith, MPA
Executive Director of the Foundation

Vacant
Director of Nursing and Health Sciences

PAGE 104
Correction

Dept. /No.	Title	Units
	RN Program electives to be completed PRIOR to applying to RN program:	
BIOL 015*	General Microbiology	5
BIOL 022	Human Anatomy	4
BIOL 023*	Human Physiology	4
ENGL C1000	Academic Reading and Writing	3
MATH 040**	Intermediate Algebra	4
PSYC 003	Developmental Psychology	3
The following must be completed before admission to RN program:		
PSYC C1000	Introduction to Psychology	3
SOCI C1000	Introduction to Sociology	3
	or	
ANTH 002	Cultural Anthropology	3
COMM C1004	Interpersonal Communication	
	or	
COMM C1000	Introduction to Public Speaking	3
	or	
COMM 007	Decision-Making and Advocacy	
	or	
COMM 015	Intercultural Communication	3

Select three (3) units from the Humanities area to meet the CMC General Education Requirement. PHIL 013 Perspectives on Death and Dying is highly recommended.

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Update
Effective Fall 2026

ART 040
INTRODUCTION TO DIGITAL GRAPHIC DESIGN
CSU, UC, Program Applicable
C-ID ARTS 250

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Correction

BIOL C1001L
INTRODUCTION TO BIOLOGY LAB
CMC GE: 5, Cal-GETC: ~~5B,~~ 5C

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Update
Effective Fall 2026

BUMA 012
PERSONAL FINANCE
CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: None

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Correction
Effective Spring 2025

CH 001A
GENERAL CHEMISTRY
5 Units
Total Lecture Hours: 54
Total Lab Hours: 108

This is the first portion of a two-semester sequence covering the basic principles and concepts of chemistry with emphasis on chemical calculations. Inorganic chemistry is stressed and the material includes a discussion of atomic structure, chemical bonding, stoichiometry, reaction types, states of matter, and the properties of solutions. The laboratory part of the course complements the lectures.

Note: This course is designed for pre-professional, science, physics, and engineering major transfer students.
Prerequisite: CH 003 with a grade of "C" or better. Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.
Advisory: MATH 010
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID CHEM 110
C-ID CHEM 120S = CH 001A + CH 001B

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Update
Effective Fall 2023

CD 012
CHILD, FAMILY, AND COMMUNITY
CSU, UC Program Applicable
CMC GE: 4, Cal-GETC: None
C-ID CDEV 110

Update
Effective Fall 2026

CD 014
PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN
CSU, UC, Program Applicable
C-ID ECE 120

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Effective Fall 2026

CD 074
TEACHING IN A DIVERSE SOCIETY
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: None
C-ID ECE 230

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Effective Fall 2026

CDEV 042
INFANT AND TODDLER GROWTH & DEVELOPMENT
CSU, UC, Program Applicable

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Effective Fall 2026

ECE 045
INTRODUCTION TO CHILDREN WITH DISABILITIES OR DELAYS
CSU, UC, Program Applicable

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Correction

MATH 012
PRECALCULUS & TRIGONOMETRY
6 Units
Total Lecture Hours: 108
This course studies the basic functions used in calculus: polynomial, absolute value, rational, root, exponential, logarithmic, trigonometric, and inverse trigonometric functions. Topics include recognizing, graphing, and solving equations and inequalities involving these functions, working with function notation, rates of change, transformations of functions, proofs related to trigonometric expressions and identities, trigonometric equations, solving right triangles, solving triangles using the law of cosines and the law of sines, analytic geometry and polar coordinates, introduction to vectors, and applications.
CSU, UC, Program pplicable
CMC GE: 2, Cal-GETC: 2
~~*C-ID MATH 155*~~

ADDENDUM

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Correction

M	IP	N	AREA 4 SOCIAL & BEHAVIORAL SCIENCES Two courses from two different disciplines (6 semester units)		
			ANTH 002 Cultural Anthropology (3) *ANTH 003 Archaeology: An Introduction to Prehistory (3)* *CDEV C1000 Child Growth and Development (4)* *CJ 032 Introduction to Criminology (3) [Phase out F27]* *ECON C2001 Principles of Microeconomics (3)* *ECON C2002 Principles of Macroeconomics (3)* *^EGSJ 014 Introduction to Race & Ethnicity (3)* *EGSJ 030* Identity and Ideology: Intro to Chicano/a & Latino/a Studies (3)* *GEOG 002 Cultural Geography (3)* *GEOG 007 World Regional Geography (3)*	*HIST 003* History of World Civilizations I (3)* *HIST 004* History of World Civilizations II (3)* *HIST 019 California History (3)* *HIST C1001* United States History to 1877 (3)* *HIST C1002* United States History since 1865 (3)* *PHIL 012 Religions of the World (3)* *POLS 002 Introduction to Comparative Governments (3)* *POLS 004 Introduction to International Relations (3)* *POLS C1000 American Government and Politics (3)* *PSYC 003 Developmental Psychology (3)*	PSYC 005 Behavioral & Social Science Research Methods (4) *^PSYC 010 Introduction to Marriage & Family (3)* *PSYC 012 Human Sexuality (3)* *PSYC C1000 Introduction to Psychology (3)* *SOCI 002 Social Problems (3)* *^SOCI 010 Introduction to Marriage & Family (3)* *^SOCI 014 Introduction to Race & Ethnicity (3)* *SOCI C1000 Introduction to Sociology (3)* **^EGSJ 014 and SOCI 014; PSYC 010 and SOCI 010 are comparable courses. Therefore, credit is awarded for only one course.**
			AREA 5 PHYSICAL & BIOLOGICAL SCIENCES **Two courses, including one course from 5A and one course from 5B. One of the two courses must include a laboratory (7 semester units)**		
			5A PHYSICAL SCIENCES *ASTR C1001 Introduction to Astronomy (3)* ASTR C1001L Introduction to Astronomy Lab (1) CH 001A General Chemistry (5) CH 001B General Chemistry (5) *CH 003 Introductory General Chemistry (4)*	CH 010A Organic Chemistry (5) CH 010B Organic Chemistry (5) *G 001 Physical Geology (4)* *G 010 The Earth Sciences (4)* *GEOG 001 Physical Geography (3)*	PH 001 Introductory Physics (4) PH 002A College Physics (4) PH 002B College Physics (4) PH 004A Physics for Scientists & Engineers (4) PH 004B Physics for Scientists & Engineers (4) PH 004C Physics for Scientists & Engineers (4)
			5B BIOLOGICAL SCIENCES *ANTH 001 Introduction to Physical Anthropology (3)* *BIOL 005 Molecular & Cellular Biology (5)* *BIOL 006 Biology of Organisms (5)*	BIOL 015 General Microbiology (5) BIOL 022 Human Anatomy (4) BIOL 023 Human Physiology (5)	BIOL C1001 Introduction to Biology (3) ~~BIOL C1001L Introduction to Biology Lab (1)~~ *ENV 001 Introduction to Environmental Science (3)*
			5C LABORATORY Met with the completion of a 1-unit laboratory course from 5A or 5B. Courses with 4 or more units include a lab which also meets this requirement.		
			AREA 6 ETHNIC STUDIES **One course (3 semester units)**		
			EGSJ 020 Native American Studies (3)	*EGSJ 030* Identity and Ideology: Intro to Chicano/a & Latino/a Studies (3)*	

ADDENDUM

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Correction

Certificate of Achievement in QUALIFIED EARLY CHILDHOOD EDUCATOR: TEACHER

with emphasis on employment preparation

Dept. /No.	Title	Units
Required Courses:		
CDEV C1000	Child Growth and Development	4
CD 012	Child, Family, and Community	3
CD 014	Principles and Practices of Teaching Young Children	3
CD 015	Child Development Practicum	3
CD 019	Language Arts & Literacy for Young Children	3
CD 030	Introduction to Curriculum Planning in Early Childhood Education	3
CD 044	Health, Safety, & Nutrition in Early Childhood Education	3
CD 074	Teaching in a Diverse Society	3
CD 075	Observation and Assessment of Young Children	3
Restricted Electives:		
Math or Science		
MATH 016	Mathematics for Elementary School Teachers	3
English or Language Arts		
ENGL C1000	Academic Reading and Writing	3
Social Science		
PSYC C1000	Introduction to Psychology	3
Humanities or Fine Arts		
Select from the following:		
ART-010, MUS 010, PHIL 013, SPAN 001		8-9
Required Courses		28
Restricted Electives		17-18
Students are required to take at least 16 units of elective courses. Substitutions of courses within the elective areas are permitted if they are reviewed with a counselor or advisor.		
MINIMUM CERTIFICATE UNITS		45-46

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Updates

CYNTHIA JONES (2026)
Professor of Biology
M.S. California State Polytechnic University, Pomona
M.Ed. University of Phoenix, Southern California
B.S. University of California, Los Angeles
A.A. Golden West Community College

PABLO SHERMAN (2026)
Distance Education Instructional Design & Accessibility Coordinator
M.Ed. University of West Georgia
B.A. New Mexico Highlands University

ELIZABETH THOMAS (2026)
Professor of Nursing
B.S.N. Grand Canyon University
A.A. Copper Mountain College

ADDENDUM

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Update

ACADEMIC CALENDAR 2026-27

Summer 2026 (53 days)
6/8 - 7/30

	U	M	T	W	R	F	S	
JUN 2026		1	2	3	4	5	6	
	7	8	9	10	11	12	13	1
	14	15	16	17	18	19	20	2
	21	22	23	24	25	26	27	3
	28	29	30					
JUL 2026				1	2	3	4	4
	5	6	7	8	9	10	11	5
	12	13	14	15	16	17	18	6
	19	20	21	22	23	24	25	7
	26	27	28	29	30	31		8

Fall 2026 (118 days)
8/17 - 12/12

AUG 2026							1	
	2	3	4	5	6	7	8	
	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	1
	23	24	25	26	27	28	29	2
	30	31						
SEP 2026			1	2	3	4	5	3
	6	7	8	9	10	11	12	4
	13	14	15	16	17	18	19	5
	20	21	22	23	24	25	26	6
	27	28	29	30				
OCT 2026					1	2	3	7
	4	5	6	7	8	9	10	8
	11	12	13	14	15	*16*	17	9
	18	19	20	21	22	23	24	10
	25	26	27	28	29	30	31	11
NOV 2026	1	2	3	4	5	6	7	12
	8	9	10	11	12	13	14	13
	15	16	17	18	19	20	21	14
	22	23	24	25	26	27	28	
	29	30						
DEC 2026			1	2	3	4	5	15
	6	7	8	9	10	11	12	16
	13	14	15	16	17	18	19	
	20	21	22	23	24	25	26	
	27	28	29	30	31			

Classes in session
No classes, offices open
No classes, offices closed

Winter 2027 (22 days)
1/4 - 1/25

	U	M	T	W	R	F	S	
JAN 2027						1	2	
	3	4	5	6	7	8	9	1
	10	11	12	13	14	15	16	2
	17	18	19	20	21	22	23	3
	24	25	26	27	28	29	30	4
	31							

Spring 2027 (118 days)
2/1 - 5/29

FEB 2027		1	2	3	4	5	6	1
	7	8	9	10	11	12	13	2
	14	15	16	17	18	19	20	3
	21	22	23	24	25	26	27	4
	28							
MAR 2027		1	2	3	4	5	6	5
	7	8	9	10	11	12	13	6
	14	15	16	17	18	*19*	20	7
	21	22	23	24	25	26	27	8
	28	29	30	31				
APR 2027						1	2	3
	4	5	6	7	8	9	10	9
	11	12	13	14	15	16	17	10
	18	19	20	21	22	23	24	11
	25	26	27	28	29	30		
MAY 2027							1	12
	2	3	4	5	6	7	8	13
	9	10	11	12	13	14	15	14
	16	17	18	19	20	21	22	15
	23	24	25	26	27	28	29	16
	30	31						

Summer 2027 (53 days)
6/7 - 7/29

JUN 2027			1	2	3	4	5	
	6	7	8	9	10	11	12	1
	13	14	15	16	17	18	19	2
	20	21	22	23	24	25	26	3
	27	28	29	30				
JUL 2027					1	2	3	4
	4	5	6	7	8	9	10	5
	11	12	13	14	15	16	17	6
	18	19	20	21	22	23	24	7
	25	26	27	28	29	30	31	8

CMCCD Board of Trustees approved this calendar on M D, YYYY.

ADDENDUM

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Update

IMPORTANT DATES IN 2026-27

Summer 2026

June 2	Primary Election
June 8	Summer intersession begins, fees due
June 15	Last day to add full-term classes or drop with refund
June 18	Juneteenth observed
June 23	Last day to drop full-term classes without a W
July 2	Independence Day observed
July 20	Last day to withdraw from full-term classes with a W
July 30	Summer intersession ends
August 7	Grades due for full-term classes

Fall 2026

August 17	Fall semester begins, fees due
August 31	Last day to add full-term classes or drop with refund
September 7	Labor Day
September 14	Last day to drop full-term classes without a W
September 15	National Voter Registration Day
October 16	Classes meet, limited college services
October 19	Last day to register to vote online or by mail
October 27	Vote Early Day
November 3	General Election
November 11	Veterans Day
November 13	Last day to withdraw from full-term classes with a W
November 23	Fall break begins, open registration begins for 2027WI/SP
November 26	Thanksgiving Day
November 27	Day After Thanksgiving
December 12	Fall semester ends
December 18	Grades due for full-term classes

Winter 2027

January 4	Winter intersession begins, fees due
January 5	Last day to add full-term classes or drop with refund
January 11	Last day to drop full-term classes without a W
January 18	Dr. Martin Luther King, Jr. Day
January 20	Last day to withdraw from full-term classes with a W
January 25	Winter intersession ends
February 1	Grades due for full-term classes

Spring 2027

February 1	Spring semester begins, fees due
February 12	Lincoln Day
February 15	Washington Day
February 16	Last day to add full-term classes or drop with refund
March 1	Petition to graduate due
March 8	Last day to drop full-term classes without a W
March 19	Classes meet, limited college services
March 29	Spring break begins
March 31	Farmworkers Day
April 30	Last day to withdraw from full-term classes with a W
May 17	Last day to register to vote online or by mail
May 22	Commencement
May 25	Vote Early Day
May 29	Spring semester ends
May 31	Memorial Day
June 8	Grades due for full-term classes

Summer 2027

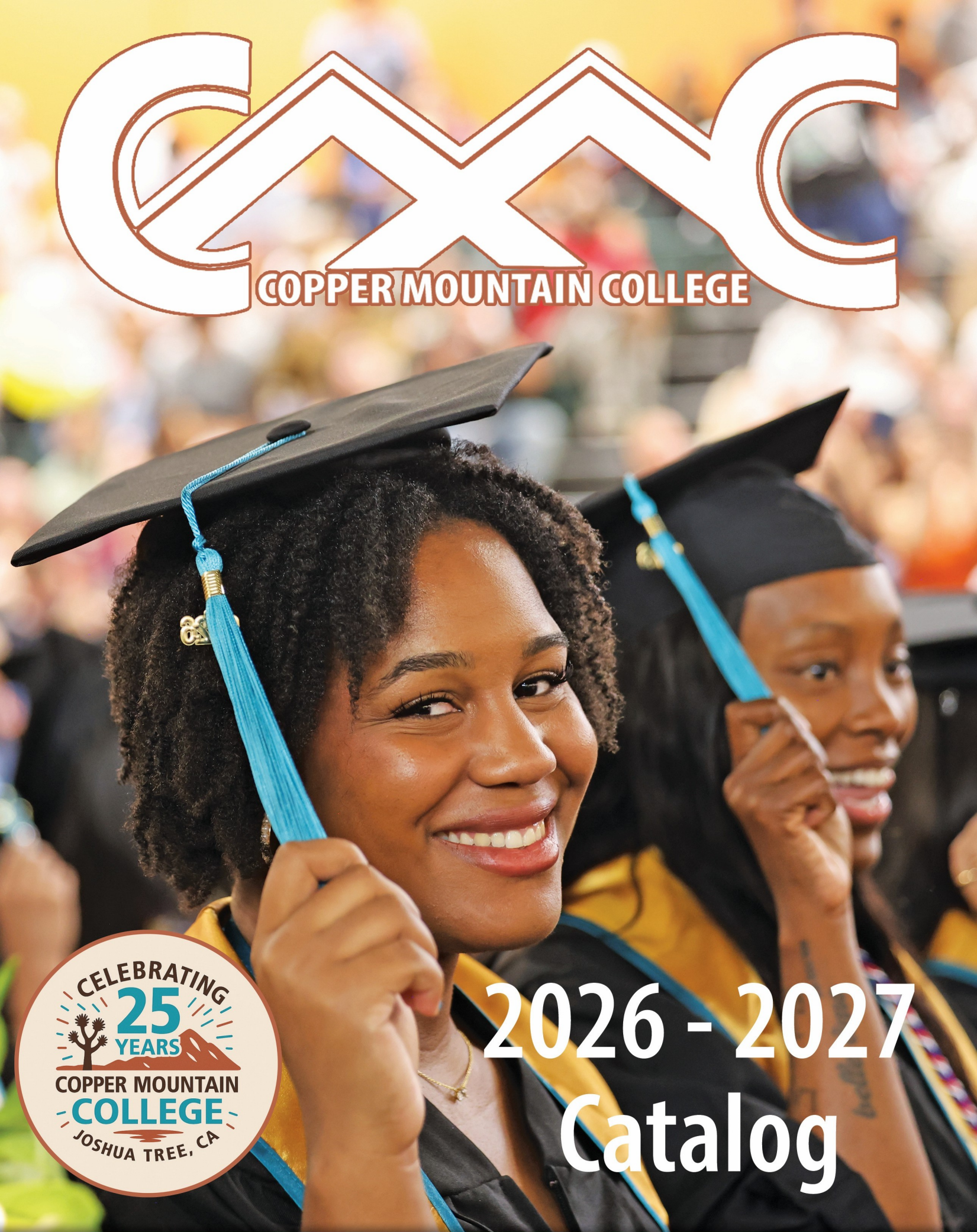
June 1	Primary Election
June 7	Summer intersession begins, fees due
June 14	Last day to add full-term classes or drop with refund
June 17	Juneteenth observed
June 22	Last day to drop full-term classes without a W
July 5	Independence Day observed
July 19	Last day to withdraw from full-term classes with a W
July 29	Summer intersession ends
August 6	Grades due for full-term classes

Revised 9/1/2026

Please see additional detail regarding important dates on the CMC Schedules webpage, https://www.cmccd.edu/class-schedule/.

Please let the Academic Calendar Committee know if you notice any errors!

COPPER MOUNTAIN COLLEGE



CELEBRATING 25 YEARS
COPPER MOUNTAIN COLLEGE
JOSHUA TREE, CA

2026 - 2027 Catalog

COPPER MOUNTAIN COMMUNITY COLLEGE DISTRICT

COPPER MOUNTAIN COLLEGE

A California Public Community College

2026-2027 CATALOG

COPPER MOUNTAIN COLLEGE

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MILITARY BASE PROGRAMS

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www.cmccd.edu

This catalog is valid July 01, 2026 through June 30, 2027.

Accreditation

Copper Mountain College is accredited by the Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges, 428 J Street, Suite 400, Sacramento, CA 95814, (415) 506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. Additional information about accreditation, including the filing of complaints against member institutions, can be found at www.accjc.org.

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Notice of Disclaimer

Every reasonable effort has been made to determine that everything stated in this catalog is accurate. Because this publication must be prepared well in advance of the period of time it covers, changes inevitably will occur. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the Administration of the Copper Mountain Community College District or Copper Mountain College.

All changes or corrections can be found in the catalog addendum on our website at: www.cmccd.edu/academic-catalogs/

A Message from Our President

CMC Mascot Spike with Superintendent/President Daren Otten

Welcome to Copper Mountain College!

Welcome to Copper Mountain College! As I hope you have already discovered, CMC is truly a special place to learn, work, explore, grow, and connect. Everyone at CMC is committed to supporting you throughout your educational journey and helping you achieve your personal, academic, and career goals.

At Copper Mountain College, we recognize that every student's path is unique. Whether you are pursuing career and technical education, preparing to transfer to a university, building new workforce skills, exploring personal interests, or advancing your military or professional experience into college credit, CMC is here to support your success. We offer a wide range of academic and career education programs, flexible online and in-person learning opportunities, dual enrollment and Early College pathways, student support services, athletics, clubs, leadership opportunities, and activities designed to help you connect with both the campus and the broader community.

Copper Mountain College was built by the people of this community for the people of this community. That spirit continues to define who we are today. We proudly celebrate the visionaries who believed that higher education should exist here in the Morongo Basin and who worked tirelessly to make this College a reality. Their legacy lives on through the continued growth of our academic programs, student services, athletics, sustainability initiatives, military partnerships, and our commitment to serving as an educational and community hub for the high desert region.

As a rural community college, we take pride in providing personalized support and meaningful opportunities that empower students to transform their lives. Whether this is your first semester or your next step toward a larger dream, I encourage you to fully engage in the CMC experience. Ask questions, seek support, get involved, challenge yourself, and take advantage of every opportunity available to you. Our faculty, staff, administrators, and fellow students are here to help you succeed.

When you complete your studies and move on from Copper Mountain College, I hope you will remain connected to the College, share your story, encourage others to pursue higher education, and continue to proudly represent the Fighting Cacti wherever life takes you.

In Service,

Daren M. Otten

Daren M. Otten, Ed.D
Superintendent/President

Copper Mountain College Management TEAM

Board of Trustees

Dick Rogers, Area 1
Tyler Fowlkes, Area 2
Mary Lombardo, Area 3
Graydon "Chuck" Uyeda, Area 4
Anna Stump, Area 5
Supawadee "Sue" Tesin, Student Trustee

Administration

Daren Otten, Ed.D
Superintendent/President

Jane Kwon, MA
Vice President of Student Services, CSSO

Michael Reese, Ed.D
Vice President of Academic Services, CIO

Meredith Plummer, BS, CPA
Chief Business Officer

Jennifer Baker, MBA
Chief Human Resources, Diversity, Equity, Inclusion, and Accessibility Officer

Management

Evelyn Sheffield, M.Ed.
Dean of Instruction, Career Technical Education and Career Services

Alma Correa, PhD
Dean of Planning, Research, & Institutional Effectiveness

Jennifer O'Donnell, MA
Dean of Student Services

JJ Santa Cruz, MA
Director of Athletics and Kinesiology

Brian Benton
Interim Director of Facilities and Operations

Brittney Blakeley, BA
Director of Financial Aid

Jared Zwicker, BS
Director of Fiscal Services

Roengsak Cartwright, MS
Director of Information Technology

Heidi Stiemsma, RN, MS
Director of Nursing and Health Sciences

Sandy Smith, MPA
Executive Director of the Foundation

Vacant
Dean of Instruction, Distance Education and Learning Resources

CMC Mission Statement

Our mission is to provide educational opportunities for diverse desert communities and beyond through a comprehensive curriculum and support services that demonstrate ***a passion for the success of every individual student***. Copper Mountain College offers high quality, affordable instruction that enables students to attain mastery in basic skills and career development, as well as building pathways to associate degrees, certificates, university transfer, and personal enrichment.

CMC Vision Statement

Copper Mountain College will be the educational and cultural center of the Morongo Basin. Through cooperative efforts with the community and within the college, we will develop innovative curricula matched to the needs of our students to prepare them to achieve their educational, employment, and life-long learning goals.

CMC Equity Statement

Copper Mountain College commits to closing the achievement and opportunity gaps that exist in the education system by intentionally focusing on disproportionately impacted and historically marginalized student groups. The college further commits to breaking down existing systemic barriers, fostering equal opportunity, and providing access to quality higher education for all students.

CMC Land Acknowledgment

Copper Mountain College gratefully acknowledges that we are on the traditional lands of the Serrano, Cahuilla, Chemehuevi – Nüwü, and Mojave Peoples, the original stewards of the land on which we gather, and pays its respect to their ancestors, elders, and relatives, past, present, and emerging. We are grateful to have the opportunity to work with the Indigenous people of this land and we pay our respect to the Serrano, Cahuilla, Chemehuevi – Nüwü, and Mojave Peoples, past, present and emerging who have been here since time immemorial.
Resolution No. 23-07 | Approved on May 11, 2023

Learning Outcomes

Learning Outcomes are the knowledge, skills, and competencies you will develop during your course of study at Copper Mountain College. They ensure high-quality instruction and subject mastery in all that we offer. Learning Outcomes are divided into three tiers: Student Learning Outcomes (SLOs), Program Learning Outcomes (PLOs), and Institutional Learning Outcomes (ILOs). By reviewing all three tiers, you will see a comprehensive view of how the work you perform in an individual course helps you develop the knowledge and skills expected upon completion of your educational experience at CMC.

- SLOs are specific to course content and are included in your class syllabus.
- PLOs are the cumulative ability, knowledge, and proficiency developed throughout all the courses required to earn your degree or certificate and are listed in this catalog.
- ILOs are competencies that enable you to be successful in your education, career, personal life, and as a citizen.

Your experiences at CMC will help you develop competencies in the Institutional Learning Outcomes listed:

Communication: Communicate effectively in both written and oral forms to express ideas, inform, persuade, voice opinions, seek assistance when needed, and demonstrate active listening skills.

Critical Thinking: Demonstrate critical thinking through the use of quantitative reasoning, inductive, deductive, and recursive reasoning or other methodological processes to analyze problems across cultures and times, conceptualize theses, develop arguments, weigh evidence, derive conclusions, and differentiate facts from opinions.

Ethics: Practice ethical behavior by demonstrating respect for diverse populations and perspectives, acting with honesty and integrity, treating all people equitably and civilly, and taking responsibility for oneself, the community, civic engagement, and the environment.

Information Competency: Demonstrate information competency by accessing authentic sources and databases, utilizing appropriate strategies to evaluate information, understanding the various methods different disciplines use to acquire knowledge and solve problems, and applying research and writing skills to synthesize information from academic sources.

Personal Development: Develop personal characteristics that recognize one's own strengths and weaknesses, cultivate awareness and appreciations for diversity, build leadership and professional skills applicable to the workforce, and embrace lifelong learning.

General Education Philosophy

General education courses are part of every pathway and prepare students to understand and deal constructively with the diversity of the contemporary world, building cultural and global awareness and sensitivity. General education requirements develop lifelong skills described by the CMC Institutional Learning Outcomes: Communication, Critical Thinking, Ethics, Information Competency, and Personal Development.

ACADEMIC CALENDAR 2026-27

Summer 2026 (53 days)

6/8 - 7/30

	U	M	T	W	R	F	S	
		1	2	3	4	5	6	
JUN	7	8	9	10	11	12	13	1
2026	14	15	16	17	18	19	20	2
	21	22	23	24	25	26	27	3
	28	29	30					

				1	2	3	4	4
JUL	5	6	7	8	9	10	11	5
2026	12	13	14	15	16	17	18	6
	19	20	21	22	23	24	25	7
	26	27	28	29	30	31		8

Fall 2026 (111 days)

8/17 - 12/12

							1	
AUG	2	3	4	5	6	7	8	
2026	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	1
	23	24	25	26	27	28	29	2
	30	31						

			1	2	3	4	5	3
SEP	6	7	8	9	10	11	12	4
2026	13	14	15	16	17	18	19	5
	20	21	22	23	24	25	26	6
	27	28	29	30				

					1	2	3	7
OCT	4	5	6	7	8	9	10	8
2026	11	12	13	14	15	***16***	17	9
	18	19	20	21	22	23	24	10
	25	26	27	28	29	30	31	11

	1	2	3	4	5	6	7	12
NOV	8	9	10	11	12	13	14	13
2026	15	16	17	18	19	20	21	14
	22	23	24	25	26	27	28	
	29	30						

			1	2	3	4	5	15
DEC	6	7	8	9	10	11	12	16
2026	13	14	15	16	17	18	19	
	20	21	22	23	24	25	26	
	27	28	29	30	31			

	Classes meet
	Classes do not meet, campus open
	Campus closed

Winter 2027 (22 days)

1/4 - 1/25

	U	M	T	W	R	F	S	
						1	2	
JAN	3	4	5	6	7	8	9	1
2027	10	11	12	13	14	15	16	2
	17	18	19	20	21	22	23	3
	24	25	26	27	28	29	30	4
	31							

Spring 2027 (111 days)

2/1 - 5/29

		1	2	3	4	5	6	1
FEB	7	8	9	10	11	12	13	2
2027	14	15	16	17	18	19	20	3
	21	22	23	24	25	26	27	4
	28							

		1	2	3	4	5	6	5
MAR	7	8	9	10	11	12	13	6
2027	14	15	16	17	18	***19***	20	7
	21	22	23	24	25	26	27	8
	28	29	30	31				

					1	2	3	
APR	4	5	6	7	8	9	10	9
2027	11	12	13	14	15	16	17	10
	18	19	20	21	22	23	24	11
	25	26	27	28	29	30		

							1	12
MAY	2	3	4	5	6	7	8	13
2027	9	10	11	12	13	14	15	14
	16	17	18	19	20	21	22	15
	23	24	25	26	27	28	29	16
	30	31						

Summer 2027 (53 days)

6/7 - 7/29

			1	2	3	4	5	
JUN	6	7	8	9	10	11	12	1
2027	13	14	15	16	17	18	19	2
	20	21	22	23	24	25	26	3
	27	28	29	30				

					1	2	3	4
JUL	4	5	6	7	8	9	10	5
2027	11	12	13	14	15	16	17	6
	18	19	20	21	22	23	24	7
	25	26	27	28	29	30	31	8

IMPORTANT DATES IN 2026-27

Summer 2026

June 2	Primary Election
June 8	Summer intersession begins, fees due
June 15	Last day to add full-term classes or drop with refund
June 18	Juneteenth observed
June 23	Last day to drop full-term classes without a W
July 2	Independence Day observed
July 20	Last day to withdraw from full-term classes with a W
July 30	Summer intersession ends
August 7	Grades due for full-term classes

Fall 2026

August 17	Fall semester begins, fees due
August 27	Last day to add full-term classes or drop with refund
September 7	Labor Day
September 14	Last day to drop full-term classes without a W
September 15	National Voter Registration Day
October 16	Classes meet, limited college services
October 19	Last day to register to vote online or by mail
October 27	Vote Early Day
November 3	General Election
November 9	Last day to withdraw from full-term classes with a W
November 11	Veterans Day
November 23	Fall break begins
November 26	Thanksgiving Day
November 27	Day After Thanksgiving
December 12	Fall semester ends
December 18	Grades due for full-term classes

Revised 5/27/2026

Winter 2027

January 4	Winter intersession begins, fees due
January 5	Last day to add full-term classes or drop with refund
January 11	Last day to drop full-term classes without a W
January 18	Dr. Martin Luther King, Jr. Day
January 20	Last day to withdraw from full-term classes with a W
January 25	Winter intersession ends
February 1	Grades due for full-term classes

Spring 2027

February 1	Spring semester begins, fees due
February 11	Last day to add full-term classes or drop with refund
February 12	Lincoln Day
February 15	Washington Day
March 1	Petition to graduate due
March 1	Last day to drop full-term classes without a W
March 19	Classes meet, limited college services
March 29	Spring break begins
March 31	No services
April 2	Farmworkers Day observed
May 3	Last day to withdraw from full-term classes with a W
May 17	Last day to register to vote online or by mail
May 22	Commencement
May 25	Vote Early Day
May 29	Spring semester ends
May 31	Memorial Day
June 8	Grades due for full-term classes

Summer 2027

June 1	Primary Election
June 7	Summer intersession begins, fees due
June 14	Last day to add full-term classes or drop with refund
June 17	Juneteenth (observed)
June 22	Last day to drop full-term classes without a W
July 5	Independence Day (observed)
July 19	Last day to withdraw from full-term classes with a W
July 29	Summer intersession ends
August 6	Grades due for full-term classes

Owen Gillick and Jim Pulliam in front of CMC Highway 62 sign

ABOUT US

Copper Mountain College: A Legacy of Community and Growth

Copper Mountain College (CMC), located six miles east of Joshua Tree, is renowned as the college built by the people. Its first phase was funded almost entirely through local private donations, with subsequent expansions benefiting from continued community support. Today, CMC operates under a locally elected Board of Trustees, a testament to the strong commitment of the Morongo Basin to higher education. The College currently serves approximately 4,937 enrolled students annually with 47 full-time faculty and 98 adjunct faculty.

Founding and Early Years

The college traces its roots to 1966 when residents of the Morongo Unified School District—including Morongo Valley, Yucca Valley, Landers, Joshua Tree, and Twentynine Palms—voted to join the Desert Community College District. The first classes were offered in Fall 1967 at Twentynine Palms High School, serving about 60 students.

In 1981, local Rotary Club members and community volunteers embarked on a mission to build a permanent campus. Their efforts culminated in a new facility that quickly became a hub for first-generation college students, including a large population of military-affiliated learners from the Marine Corps Air Ground Combat Center in Twentynine Palms.

Becoming an Independent College

Community leaders soon recognized the need for CMC to become an independent institution. With the support of State Senator James Brulte, legislation was introduced to establish the **Copper Mountain Community College District (CMCCD)**. In November 1999, an overwhelming **90% of Morongo Basin voters** endorsed the creation of the district, paving the way for the college's autonomy. Full accreditation was granted in June 2001 by the Accrediting Commission for Community and Junior Colleges (ACCJC).

Milestones and Growth

CMC has continuously expanded its facilities, programs, and sustainability initiatives to meet the needs of its students and the community:

- 2004 – Measure C Remodel for Efficiency
- 2007 – First Nursing Class Graduates
- 2008 – Tortoise Preserve Established
- 2010 – Bell Center Dedicated
- 2010 – Solar Parking Lot Installed
- 2011 – Wind Turbine Installed
- 2016 – Christine Proudfoot Student Activity Center Opens
- 2017 – Athletics Program Launches
- 2021 – Sustainability Project Expands (EV Chargers, Additional Solar)

Looking Forward: 25 Years of Excellence

As Copper Mountain College marks 25 years as a fully accredited California Community College, we honor the determination, vision, and community spirit that brought us here. This milestone is not just a reflection of our past—it's a launch point for what comes next.

Guided by our commitment to student success, workforce development, and meaningful community connection, Copper Mountain College continues to evolve to meet the needs of today while preparing for the opportunities of tomorrow.

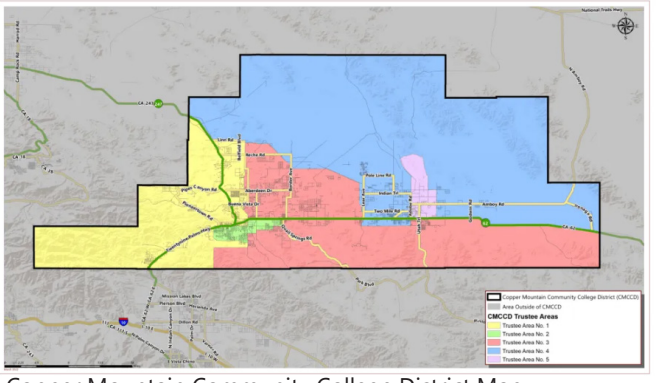
The future of CMC is a shared journey. We invite our students, faculty, alumni, and community partners to be part of what's ahead—supporting innovation, expanding opportunity, and strengthening the legacy of education in the Morongo Basin for generations to come.

Location

The Copper Mountain Community College District (CMCCD) serves an area that includes the communities of Twentynine Palms, the Marine Corps Air Ground Combat Center (MCAGCC), Wonder Valley, Yucca Valley, Joshua Tree, Morongo Valley, Pioneertown, and Landers. The District's boundaries are identical to those of the Morongo Unified School District . The vast majority of CMC's enrollments, approximately 78 percent, are derived from a twenty-mile radius with the college as the center point.

Districting

The Copper Mountain Community College District is governed by a five-member Board of Trustees elected by vote of the citizens of the District. A Student Trustee is elected by the student body and is the official representative of the students to the Board. At its monthly meetings, the Board oversees the educational programs, policies, and financial matters of the college.



Copper Mountain Community College District Map

Military Base Programs

The Copper Mountain College Military Base Office, located aboard the Marine Corps Air Ground Combat Center in Twentynine Palms, provides services to active duty military students, military dependent family members, and civilians. Services include academic advising, application processing, course registration, counseling, MyCAA information, Tuition Assistance program processing for active duty students, student payment processing, and library book check-outs from the CMC Greenleaf Library.

CMC offers a multitude of foundational and transferable classes aboard the Base. Textbooks for these courses are on reserve in the Base Library, Building 1524. Classes are held in Building 1530, The Lifelong Learning Center, in full semester and accelerated formats. Civilian students may also attend CMC classes offered on base with official verification of enrollment in the course.

Priority registration is offered to all veterans and active duty military in good standing attending Copper Mountain College. Proof of military status must be provided to the Military Base Programs or Admissions & Records prior to receiving this service.

A basic skills program in mathematics, reading, and writing is also taught aboard the Marine Base for military and civilian students. The Military Academic Skills Program (MASP) is a four (4) week, Monday through Friday class. The program is noncredit. Military students must meet specific requirements to enroll in MASP.

COLLEGE CURRICULUM

PREPARATION FOR TRANSFER

As an integral unit of the California inter-segmental system of public higher education, the college provides programs of study that give students the opportunity to prepare for transfer to four year colleges and universities. The college aspires to do this in such a manner that students may transfer without loss of time or credit.

Students may complete courses required for freshman & sophomore years of most professions and careers at CMC before transferring to a four-year college or university. To ensure the maximum benefit of attending Copper Mountain College, it is important to do long-range planning. In general, students planning to transfer should follow the procedure outlined below.

Tentative Choice

Because course requirements vary among colleges and universities, it is advantageous to research and select the school(s) to which you plan to transfer as early as practicable in your college career. Counselors are available to assist students in choosing a career and defining a major to fit the career. Catalogs from California public and private institutions as well as other colleges are available in the Transfer Center. Transfer admission information, applications and other reference materials are also available.

Catalog

Examine catalogs of prospective colleges and universities. Study carefully those sections that cover requirements for (a) transfer admission, (b) the major, and (c) graduation. Finding all requirements often warrants a review of the entire catalog, as requirements may be listed in different sections of the catalog. Assistance with Internet research about transfer institutions is also available. Many of these requirements must be taken during the freshman and sophomore years. Failure to do so can unduly extend the time required for transfer admission and graduation.

General Education Requirements & Certification

Students may complete their lower-division general education or breadth requirements while at Copper Mountain College. CMC has articulation agreements with the California State University (CSU) system campuses and the University of California (UC) system that allow students to be certified for these requirements. To select the pattern that is most appropriate for you, consult your counselor.

Transfer Application Filing Period

Check the dates of the application filing period carefully. This is the time between the first date applications will be received and the deadline. Many colleges have initial filing periods of only one month duration and ten months before enrollment. In all cases, preparation of applications early within the filing period is recommended.

Letters of Recommendation and Rating Forms

Some independent colleges require letters of recommendation or rating forms. Students should get to know their instructors well enough so that the instructors can comment accurately on the students' characteristics.

Grade Point Requirements

Many colleges require higher than a 2.0 (C) grade point average for admission. Search college catalogs or websites carefully for specific grade point requirements.

Admission Requirements of the Public California Institutions

The University of California (UC) has an application filing period of Nov. 1st - Nov. 30th for the following fall admission period. The California State University (CSU) has an application filing period of Oct. 1st - Nov. 30th for the following fall admission period. Both UC and CSU require completion of 60 transferable units to enter as an upper-division transfer student. Both systems do not currently accept lower-division transfer students (students who have less than 60 transferable units completed). The University of California requires a minimum of a 2.4 grade point average (2.8 or higher for California non-residents). The California State Universities require a minimum of a 2.0 transfer grade point average (2.4 or higher for California non-residents). If you plan to transfer to the CSU system, you should consider completing a Degree with a Guarantee (more information found at https://icangotocollege.com/). This degree gives you guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts the AA-T or AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major).

NOTE: Meeting minimum requirements is not enough to gain admission to some UC and CSU campuses and programs. For clarification of entry requirements, consult a CMC counselor, the transfer college catalog, and internet sites www.cmccd.edu/support/transfer-center/, www.CSUmentor.edu or https://admission.universityofcalifornia.edu/ which have up-to-date information.

Admission to Independent California or Out-of-State Colleges

Students planning to transfer to independent or out-of-state colleges are urged to meet with a counselor as early as possible to discuss their plans and admission requirements for individual colleges. Some colleges require a certain number of completed units or completion of an associate degree before considering students as eligible for transfer, while others accept students at any time. Admission requirements are outlined in the respective college catalogs. Catalogs are available for use in the Copper Mountain College Transfer Center. Independent colleges encourage students to make an appointment with their Office of Admissions in order to discuss transfer opportunities on an individual basis. For more information see a CMC counselor, the transfer college catalog, and internet site www.aiccu.edu.

Transferable Courses

Please see page 93 for information.

Course Outlines of Record

CMC's CORs are available for review at: https://cmccd.curriqunet.com.
To access a Course Outline of Record (COR):

- Place this link in your browser: https://cmccd.curriqunet.com
- You do not need to log in.
- Use dropdowns in the upper right corner. Under "Curriculum Type" select "Course". Under "Subjects" select the subjects you are looking for (example: Art). Under "Status" select "Active". Click "Search".
- Scroll down the screen to find the specific course you are looking for (example: ART 005B – Intermediate Figure Drawing)
- On the right side under "Details", click "Reports" then "Course Outline".

CAREER AND TECHNICAL EDUCATION (CTE)

For students desiring to complete an occupational program, the college offers technical training and education in fields justified by student enrollment. Individual courses are offered in some areas where a full curriculum cannot be justified. In both instances the college's aim is vocational competence for students and an appreciation of citizenship responsibilities.

Students may work toward: (a) earning a certificate and/or (b) an associate degree. Refresher courses are also offered, as well as courses in which new and/or upgraded skills are required to take advantage of employment opportunities.

The college closely articulates with other colleges and industries. Some of the courses completed will transfer to four-year institutions. Occupational advisory committees assist the college in determining the types of skills, courses, and programs students should complete to meet labor market needs.

ADULT EDUCATION

Education is a lifelong process. In today's society, it is becoming increasingly necessary for people to return to college to acquire new skills, upgrade old skills, acquire new knowledge and expand existing knowledge.

Recognizing the role of the community college in the area of adult basic education, CMC's Adult Education Program makes available opportunities for development of necessary skills and knowledge in reading, writing, math, English as a Second Language, High School Completion, Citizenship, and preparation for the General Education Development (GED) Test.

Courses for these areas are offered on an open-entry, open-exit basis with no fee. Admission of students occurs on a daily basis and no prior educational background is required. In addition to regular class offerings, emphasis is placed on individualized student learning. Specifically, instruction is provided in the following areas:

High School Completion

Copper Mountain College offers a high school completion program leading to an adult high school diploma, and students who graduate from our program receive a Copper Mountain College Adult High School Diploma. To meet the 160-credit requirement for the diploma, students take classes in English, math and algebra, U.S. history, world history, American government, economics, physical or earth science, biology or life science, health, fine arts and elective subjects such as career planning, everyday life skills, computer keyboarding, world literature, American literature, reading development, and environmental science. The program is open-entry, so students can begin at any time in the semester, and they work at their own pace to complete their specific high school requirements. Previous work done in accredited high schools, except for physical education courses, can be transferred to this program. Another advantage is that students can even take college courses at Copper Mountain College to fulfill their high school credit requirements, thereby completing their high school coursework while simultaneously getting college credit. Students who choose to enroll in college courses may also be eligible for financial aid.

English as a Second Language (ESL)

This open-entry program allows students to register at any point in the semester, and there is no fee for any of our ESL courses. The program is designed for non-native speakers of English. Utilizing three levels of instruction in reading, writing, and speaking, CMC's ESL program focuses on the language skills necessary to function and communicate effectively in basic, vocational, academic, and professional aspects of life. Persons from the basic literacy level to the advanced level of proficiency acquire or improve the skills required for their daily lives and prepare them to enter the high school completion program or the college's vocational or transfer degree program.

General Educational Development (GED) Test Preparation

Another function of the program is to prepare students to pass the GED test, which many businesses and governmental agencies accept in lieu of the high school diploma. Refer to the Adult Basic Education/ GED section of the current class schedule for information.

Military Academic Skills Program (MASP)

The Military Base Program offers self-paced courses to refresh skills in Math, English and Reading at no charge. The Military Academic Skills Program (MASP) is offered approximately 10 times a year in four-week modules at the Marine Corps Air Ground Combat Center campus in Twentynine Palms. Offered at no charge, this refresher course in English and/or math skills is available to anyone.

COMMUNITY EDUCATION

Community Education has become an optional function of the Community Colleges of California. The California Community College Chancellor's Office states:

"Community service programs (often referred to as Community Education) offer a wide variety of affordable not-for-credit classes, workshops, seminars and excursions for personal and professional enrichment. Community service programs are self-supporting and are open to all members of the community willing to pay a minimal fee."

The primary objective of community education is to provide the opportunity for students to improve the quality of their lives. A limited array of self-supporting activities, particularly those related to the economic development needs of the Morongo Basin, is offered.

To further serve the community, CMC encourages community organizations that qualify under the Civic Center Act (EDC Section 82537 et seq.) to utilize college facilities.

Campus Expansion: Start of Bell Center Construction, 2009

LEARNING RESOURCES

GREENLEAF LIBRARY

The primary mission of the Greenleaf Library is to support CMC's instructional programs by providing local and remote access to diverse resources. Library faculty and staff strive to provide high-quality support services and to advance CMC's mission and institutional outcomes by promoting and facilitating information competency, critical thinking, and lifelong learning for both students and the college community.

The library provides access to print and online resources for students attending classes on campus, at remote locations, or online. The library collection holds over 100,000 print and electronic books, 500 audio-visual titles, access to over 20,000 periodicals, and additional subject-specific online databases. Public access computers, available in the library and at the CMC Military Base Office, provide holdings information for books and audio-visual materials, access to electronic book, article, and video databases, and Internet access for research purposes. A photocopier is located in the library for making copies and scanning. There is no charge for printing from library computers. Online resources are available via the Internet at the library website www.cmccd.edu/current-students/library/. Students can access online library databases both on and off campus by entering their Canvas credentials when prompted. Students can also access Microsoft Office computer applications on workstations in the library or at the CMC Military Base Office.

The library provides instructional workshops for students to gain information competency skills. Workshops cover library orientation, search strategies, evaluating sources, and MLA and APA styles. Face-to-face library workshop schedules are available on the library website each semester. These workshops are also available online. Students enroll in online library workshops by contacting Admissions & Records and requesting to be enrolled: admissions&records@cmccd.edu. For assistance, please call (760) 366-3791, ext. 4256, or email library@cmccd.edu.

Current course textbooks and other class-specific materials are located in the reserve section at the Circulation desk and may be used within the library. Students can access the online library catalog and then request items by contacting the library via phone, email, or online chat from the library's website. Print materials requested by students who cannot come to the library will be scanned and emailed to students in PDF form by library staff, provided that the request does not violate U.S. copyright law.

For library policies and hours of operation consult the library website at www.cmccd.edu/current-students/library/ .

TUTORING & ACADEMIC SUPPORT CENTER (TASC)

Copper Mountain College's Tutoring & Academic Support Center (TASC) offers tutoring across the curriculum for all enrolled students. Staffed by peer and faculty tutors, the TASC provides one-on-one drop-in and by-appointment tutoring. Subject to tutor availability, tutors can provide support in all classes, including help with exam preparation, homework, speech and writing assignments, study skills and more. The TASC also offers workshops to help students with writing, study skills, and Canvas navigation.

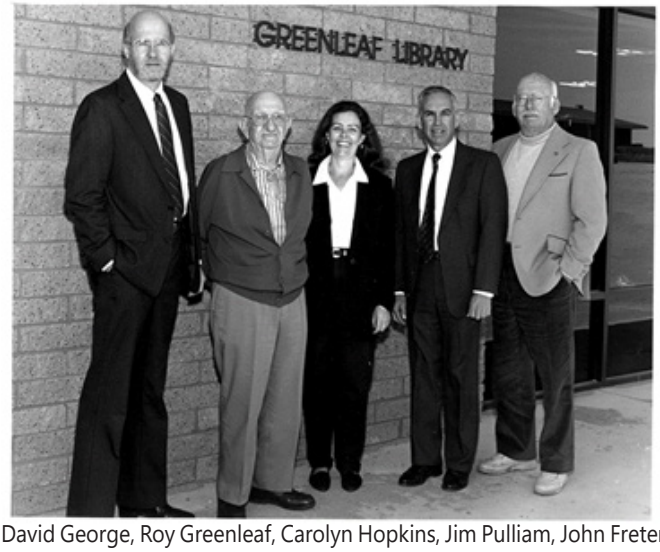
Tutoring is free, and no appointment is required. The TASC is in Room 112. Please call (760) 366-3791, ext. 5905 to make an appointment or visit the website, www.cmccd.edu/support/tutoring/.

MATHEMATICS, ENGINEERING, SCIENCE ACHIEVEMENT (MESA) PROGRAM

The California Community College Mathematics, Engineering, Science Achievement (MESA) Program helps underserved and underrepresented students majoring in calculus-based Science, Technology, Engineering and Mathematics (STEM) fields who seek to transfer to a four-year institution. The aim of MESA is to diversify the STEM workforce by providing the advising, resources, and community students need to complete their degrees in science, engineering, and mathematics.

Benefits of joining the MESA program include career and academic counseling, tutoring, and workshops. As funding allows, students may receive textbook loans, school supplies, funded membership to professional societies, and funding to attend conferences. Additionally, students can participate in MESA sponsored social activities, trips, and events.

The MESA Center is located in the 100 Quad, Room 111. Please email mesa@cmccd.edu or call (760) 366-5201 ext. 5781 for more information



David George, Roy Greenleaf, Carolyn Hopkins, Jim Pulliam, John Freter

AUXILIARY ORGANIZATIONS

COPPER MOUNTAIN COLLEGE FOUNDATION

Foundation Ensures Excellence in Education for All

Established in 2001, Copper Mountain College Foundation is designated to receive gifts for the college from individuals, corporations and foundations. Just as it is with other educational institutions, our college needs charitable gifts to endow scholarships and support educational programs and capital improvements that can mean the difference between ordinary and extraordinary programs and services for student success.

The Foundation's mission – to maximize educational opportunities for students by providing the financial resources to support the programs, activities, and facilities of the Copper Mountain Community College District – includes administering the F. Roy Greenleaf Jr. Scholarship, Alumni Association, and the Athletic Booster Club, as well as fundraising for current students' programs.

The Copper Mountain College Foundation, formerly Friends of Copper Mountain College, is a 501(c)(3) non-profit auxiliary organization #95-3778234, governed by a volunteer Board of Directors and overseen by the college's Board of Trustees. Donations are tax deductible as allowed by law. Annual Foundation events include the Judge Bert Swift Memorial Golf Tournament, Have a Heart Nursing Fundraiser, and Holiday Wreath Auction.

Year-round the Foundation works hard to support programs, activities and facilities including:

- K.C.'s Special, a program that provides a hot meal throughout the day to hungry students. Named for Karen Coghill, a 39 year employee, the K.C. Special reminds us that not only do we need to feed the mind, but often we need to feed the body;
- Transportation, the Foundation provides free monthly and daily bus passes on Basin Transit to all current students;
- Scholarships, book grants, GED test vouchers, installing benches and tables, EV charging stations, and so much more.

Learn more about the Foundation at www.cmccd.edu/support-cmc/foundation/

Alumni Association

The Copper Mountain College Foundation oversees the college's Alumni Association, composed of graduates, former and current students, faculty, family, and friends. The purpose of the Alumni Association is to connect alumni, support students, and strengthen Copper Mountain College. To achieve that goal, the Copper Mountain College Alumni Association is committed to provide information regarding Copper Mountain College to alumni and to the community; to provide activities wherein alumni, students, faculty, staff and members of the community can participate; to provide scholarships for current and future Copper Mountain College students; and to provide recognition of former students, graduates, community leaders, faculty, and staff. All are encouraged to join the Alumni Association at www.cmccd.edu/foundation/alumni/

Athletic Booster Club

The purpose of the Copper Mountain College Athletic Booster Club is to create a partnership that will promote the Athletic Department of Copper Mountain College, with a focus on sustainability, adequate funding, and competitive spirit to meet the athletic success of student athletes, students, the college, and the communities of the Morongo Basin. Boosters are vital in the manning of the ticket booths, snack bar as well as promoting games, tournaments and the overall Athletic Department at CMC. Booster membership is open to all. Meeting schedules, volunteer assignments and an application can be found at www.fightingcacti.com.

Available scholarships at CMC include

- Academic Merit Scholarship
- Antoaneta Bonev Memorial Scholarship
- Art Mitz Social Sciences Scholarship
- Bob Coghill Fire Technology Scholarship
- Byerrum Business and Accounting Scholarship
- Catholic Charities "Providing Help, Creating Hope"
- Cathy Allen Artist Scholarship
- Classified Senate Scholarship
- CMC Alumni Association
- CMC Faculty Scholarship, part of the Osher Initiative for California Community College Students
- Curt D. Logan Memorial Scholarship
- Fostering Success Scholarship
- Glenda and Jay Haislip Memorial Scholarship
- J. Mitchell USMC STEM Scholarship
- Jack Taylor Memorial Scholarship
- Jeff Tabor Memorial EMT Scholarship
- Judge Bert Swift Memorial Scholarship
- Lena T. Pond Fund Scholarship
- Molly Adams Endowed Scholarship
- Rene Willard Memorial Scholarship
- Robert Buscher Charitable Heart Scholarship
- Sergeant Dominic Vaca Memorial Scholarship
- Sheriff's Sergeant Charles L. Teel, Jr. Memorial Scholarship
- Southern California Edison Science, Technology, Engineering and Math (STEM) Scholarship
- The George Floyd Scholarship Fund - Say Their Name
- The Inland Empire Community Foundation Pooled Scholarship Master Fund
- Trisha Laubenstein Elementary School Teacher Scholarship
- Trustees Gilbert and Lombardo Scholarship

BOARD POLICIES & ADMINISTRATIVE PROCEDURES

The District Board Policies and Administrative Procedures undergo regular reviews and updates to ensure compliance with all applicable laws and regulations. We are committed to maintaining accuracy; however, updates may not always reflect the most recent changes and may be revised without prior notice. These policies establish a framework for the governance and operations of the institution, aligning with relevant federal and state laws and accreditation standards. The District reserves the right to amend or revoke any policy as deemed necessary. For a complete listing of our Board Policies and Administrative Procedures, please visit https://cmccd.community.diligentoneplatform.com/Portal/Policy.aspx. Should you have any questions, please do not hesitate to contact the Office of the Superintendent/President at (760) 366-3791 ext. 5441.

Copper Mountain Community College District complies with all federal and state rules and regulations and does not allow discrimination on the basis of national origin, immigration status, religion, age, gender, gender identity, gender expression, race or ethnicity, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or military and veteran status. This holds true for all students who are interested in participating in educational programs and/or extracurricular school activities.

Harassment of any employee or student is strictly forbidden.

Inquiries regarding compliance and/or grievance procedures may be directed to the District's Title IX Coordinator, Jane Kwon, Vice President of Student Services, or, Jenn Baker, Chief Human Resources Officer, 6162 Rotary Way, Joshua Tree, CA 92252, (760) 366-3791.

NONDISCRIMINATION

Board Policy 3410

The District is committed to equal opportunity in educational programs, employment, and all access to institutional programs and activities.

The District, and each individual who represents the District, shall provide access to its services, classes, and programs without regard to national origin, immigration status, religion, age, gender, gender identity, gender expression, race, ethnicity, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or military and veteran status, or because he/she/they is perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics.

The District shall not discriminate against a person in hiring, termination, or any term or condition of employment or otherwise penalize a person based upon the person's use of cannabis off the job and away from the workplace unless permitted by California law.

The Superintendent/President shall establish administrative procedures that ensure all members of the college community can present complaints regarding alleged violations of this policy and have their complaints heard in accordance with the Title 5 regulations and those of other agencies that administer state and federal laws regarding nondiscrimination.

No District funds shall ever be used for membership, or for any participation involving financial payment or contribution on behalf of the District or any individual employed by or associated with it, to any private organization whose membership practices are discriminatory on the basis of national origin, immigration status, religion, age, gender, gender identity, gender expression, race, ethnicity, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or military and veteran status, or because he/she/they is perceived to have one or more of the foregoing characteristics, or because of his/her/their association with a person or group with one or more of these actual or perceived characteristics.

COMMITMENT TO DIVERSITY

Board Policy 7100

The District is committed to employing qualified administrators, faculty, and staff members who are dedicated to student success and committed to an inclusive, anti-racist campus culture . The Board recognizes that diversity in the academic environment fosters cultural awareness, promotes mutual understanding and respect, and provides suitable role models for all students. The Board is strongly committed to hiring and staff development processes that support the goals of equal opportunity and diversity, and provide equal consideration for all qualified candidates, and create an anti-racist academic and employment environment as outlined in the EEO plan.

EQUAL EMPLOYMENT OPPORTUNITY (EEO)

Board Policy 3420

The Board supports the intent set forth by the California Legislature to assure that effort is made to build a community in which opportunity is equalized, and the Copper Mountain Community College District fosters a climate of acceptance with the inclusion of faculty and staff from a wide variety of backgrounds. It agrees that diversity in the academic environment fosters cultural awareness, mutual understanding, harmony and respect, and suitable role models for all students. An equitable and inclusive hiring process is essential to improve diversity, reduce barriers to employment, and allow potential applicants the opportunity to demonstrate that they meet or exceed the minimum qualifications for employment. The Board therefore commits itself to promote the total realization of equal employment through a continuing equal employment opportunity program. Equal employment opportunity includes not only a process for equal opportunity in hiring, but also practices and processes that create inclusive, respectful work environments.

The Superintendent/President shall develop, for review and adoption by the Board, a plan for equal employment opportunity that complies with the Education Code and Title 5 requirements as from time to time modified or clarified by judicial interpretation.

The Superintendent/President shall develop hiring procedures driven by diversity, equity, and inclusion and consistent with the Board's intent described above.

AMERICANS WITH DISABILITIES ACT (ADA)

Copper Mountain Community College District adheres to the laws, rules and regulations that govern the Americans with Disabilities Act. This act prohibits discrimination against qualified candidates or employees who are disabled. A qualified individual with a disability is a person with a disability who meets the skill, experience, education, and other job related requirements of a position sought after or held, and who with or without reasonable accommodation can perform the essential functions of the position.

The designated coordinator at Copper Mountain College for compliance with Section 504 of the Rehabilitation Act of 1973 for students is the Chief Human Resource Officer, who may be reached at (760) 366-5285 in the Human Resources Office.

BOARD POLICIES & ADMINISTRATIVE PROCEDURES - Continued

PROHIBITION OF HARASSMENT

Board Policy 3430

All forms of harassment are contrary to basic standards of conduct between individuals. State and federal law and this policy prohibit harassment, and the District will not tolerate harassment. The District is committed to providing an academic and work environment that respects the dignity of individuals and groups. The District shall be free of unlawful harassment, including that which is based on any of the following statuses: race, religious creed, color, national origin, ethnicity, ancestry, immigration status, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status, or because he/she/they is perceived to have one or more of the foregoing characteristics.

The District seeks to foster an environment in which all employees, students, unpaid interns, and volunteers feel free to report incidents of harassment without fear of retaliation or reprisal. Therefore, the District also strictly prohibits retaliation against any individual for filing a complaint of harassment or for participating in a harassment investigation. Such conduct is illegal and constitutes a violation of this policy. The District will investigate all allegations of retaliation swiftly and thoroughly. If the District determines that someone has retaliated, it will take all reasonable steps within its power to stop such conduct. Individuals who engage in retaliatory conduct are subject to disciplinary action, up to and including termination or expulsion.

Any student, employee, unpaid intern, or volunteer who believes that he/she/they has been harassed or retaliated against in violation of this policy should immediately report such incidents by following the procedures described in AP 3435 Discrimination and Harassment Complaints and Investigations. The District requires supervisors to report all incidents of harassment and retaliation that come to their attention.

This policy applies to all aspects of the academic environment, including but not limited to classroom conditions, grades, academic standing, employment opportunities, scholarships, recommendations, disciplinary actions, and participation in any community college activity. In addition, this policy applies to all terms and conditions of employment, including but not limited to hiring, placement, promotion, disciplinary action, layoff, recall, transfer, leave of absence, training opportunities and compensation.

To this end the Superintendent/President shall ensure that the institution undertakes education and training activities to counter harassment and to prevent, minimize, or eliminate any hostile environment that impairs access to equal education opportunity or impacts the terms and conditions of employment.

The Superintendent/President shall establish procedures that define harassment on campus. The Superintendent/President shall further establish procedures for employees, students, unpaid interns, volunteers, and other members of the campus community that provide for the investigation and resolution of complaints regarding harassment and discrimination, and procedures to resolve complaints of harassment and discrimination. State and federal law and this policy prohibit retaliatory acts by the District, its employees, students, and agents.

The District will publish and publicize this policy and related written procedures (including the procedure for making complaints) to administrators, faculty, staff, students, unpaid interns, and volunteers particularly when they are new to the institution. The District will make this policy and related written procedures (including the procedure for making complaints) available in all administrative offices and will post them on the District's website.

Employees who violate the policy and procedures may be subject to disciplinary action up to and including termination. Students who violate this policy and related procedures may be subject to disciplinary measures up to and including expulsion. Unpaid interns who violate this policy and related procedures may be subject to disciplinary measure up to and including termination from the internship or other unpaid work experience program.

TITLE IX

Board Policy and Administrative Policy 3540

Title IX of the Education Amendments of 1972 is a federal civil rights law that states, "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance."

To report a Title IX incident based on sex discrimination or harassment, please contact the Title IX Coordinator, Jane Kwon, Vice President of Student Services, for student related concerns at jkwon@cmccd.edu and Jenn Baker, Chief Human Resources Officer for employee related concerns at jbaker@cmccd.edu.

JEANNE CLERY ACT

In 1998, the federal government passed the "Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act", formerly known as The Student Right-to-Know and Campus Security Act of 1990. This law requires colleges and universities receiving federal funding to disclose the reported instances of criminal activity on their campus.

The law specifically requires the reporting of violent crime, burglary, motor vehicle theft, liquor law, drug abuse, and weapons violations. To contact Security, call (760) 601-4123.

Under the Jeanne Clery Act, the Copper Mountain Community College District annually distributes statistics on the reported occurrences. These statistics are available on our web page and as part of the Annual Security Report, which can be found here: www.cmccd.edu/campus/operations/security/crime-prevention/

ALCOHOL AND DRUG ABUSE

It is the policy of the Copper Mountain Community College District to maintain a drug-free campus and to ensure that no student abuses alcohol. The manufacture, distribution, dispensation, possession, or use of an illegal drug or the unlawful possession, use, or distribution of alcohol is prohibited in all buildings, property, facilities, service areas, off-campus sites of the District, or in any location where any district activity is occurring.

All students are required to comply with this policy as a condition of their continued studies. Any student violating this policy will be subject to appropriate action which may include expulsion.

Students who think they may have an alcohol or drug usage problem are advised to voluntarily seek confidential assistance from an academic counselor. While the District will be supportive of those who seek help voluntarily, the District will be equally firm in identifying and taking appropriate action with regard to those students who continue to be substance abusers and do not seek help or continue substance abuse even while enrolled in counseling or rehabilitation programs.

This policy is in accordance with the provisions of the Drug-Free Schools Communities Amendments of 1989.

ADMISSION, REGISTRATION & FEES

ADMISSION

Graduates of Accredited High Schools

Board Policy 5010

Persons with high school diplomas or the equivalent thereof shall be admitted to the college and may enroll in any course for which they are qualified. Certain two-year curricula have special admission requirements. Students who successfully complete the California High School Proficiency Examination or GED may attend Copper Mountain College. A copy of the Certificate of Proficiency may be required.

Non-Graduates of High School

Board Policy 5010

Non-high school graduates over eighteen (18) years of age may be admitted as provisional students. For those who are interested in high school completion, we provide an alternative way to complete high school graduation requirements. Contact should be made with the Adult Education Program at (442) 241-5534.

K-12 Dual Enrollment

Students in grades 8-12 may be granted special admission to Copper Mountain College as dual enrollment students. Dual enrollment students, or special admission students, must fulfill matriculation procedures as prescribed for regular admission students. Admission for dual enrollment students is based upon multiple factors and requires involvement from the K-12 school district.

A student seeking special admission must have the approval of the principal, or designee, of the school they attend and have the consent of one parent or legal guardian. Where a student is not enrolled in a public school, their parent(s) or legal guardian(s) must petition directly to the college or campus for admission.

Dual enrollment students receive credit for coursework completed in the same manner as a regularly enrolled student. Dual enrollment courses will be identified on both the college and high school transcript (if CMC transcript is provided to the high school) in the standard format and will not be identified as dual enrollment. The dual enrollment course grade will be part of the student's permanent CMC transcript.

Dual enrollment students will have access to Copper Mountain College services: that is, the library, tutoring, student I.D. cards, and any other services provided to other CMC students.

CCAP Dual Enrollment

CMC has a California College and Career Access Pathways (CCAP) agreement with Morongo Unified School District (MUSD) which permits students who attend Yucca Valley High School (YVHS), Twentynine Palms High School (TPHS), La Contenta Middle School (LCMS) and Twentynine Palms Junior High School (TPJHS) to take college-level courses on the MUSD campuses.

As these dual enrollment classes are offered at school campuses of MUSD, the instructor of record, as well as the applicable high school administrators, will be responsible for the supervision and evaluation of the students. The participating high schools will be responsible for identifying students for CCAP courses and providing on-site CMC matriculation services.

For the purposes of this policy, a CCAP dual enrollment student may enroll in up to a maximum of 15 units per term if all of the following circumstances are satisfied (Education Code section 76004(p)):

- The units constitute no more than four community college courses per term.
- The units are part of an academic program that is part of a CCAP partnership agreement.
- The units are part of an academic program that is designed to award students both a high school diploma and an associate degree or a certificate or credential.

Students enrolling in college-level courses as part of the CCAP dual enrollment agreement with MUSD will not be charged enrollment fees or tuition. Student withdrawal dates/policies will be consistent with the existing adopted policies of CMC unless otherwise communicated with MUSD in accordance with the CCAP agreement.

Non-CCAP Dual Enrollment

K-12 students who would like to participate in dual enrollment outside of the CCAP agreement with MUSD must complete regular admission matriculation steps in addition to the required dual enrollment forms.

For the purposes of this policy, a non-CCAP dual enrollment student may enroll in up to and including 11 units per semester (per state policy). Admission is subject to seat availability. Student withdrawal dates/policies will be consistent with the existing adopted policies of CMC.

Non-CCAP students are subject to enrollment fees and tuition and are not eligible for financial aid, apart from the Promise Grant, forms A or B.

For additional information regarding K-12 Dual Enrollment including current forms, please visit www.cmccd.edu/academics/dual enrollment.

Incoming Transcripts

Transcripts will be considered official when either mailed directly from the institution or hand carried to the Office of Student Services in an unopened/sealed envelope from the institution.

Admission to designated instructional programs, as identified by the college, is conditional until complete official transcripts have been received from institution(s) previously attended.

For current procedures for submitting, requesting, and evaluating official transcripts, please visit: www.cmccd.edu/transcripts/.

Student Orientation & Placement

All new, returning, and transfer students entering CMC will be required to participate in student orientation and placement. Students must complete the online orientation in the student portal prior to scheduling an appointment to complete placement with a counselor. AB 705 and 1705 are California laws that ensure students are placed directly into college-level English and math/quantitative reasoning courses that meet the requirements for their intended certificate, associate degree, or transfer goals. To maximize the probability that students will enter and complete transfer-level coursework in a one-year time frame, all students will be placed directly into transfer-level math and English upon entry into a degree path. Multiple measures such as high school coursework and guided self-assessment are used for placement. Make an appointment to see a counselor to discuss the transfer coursework patterns and requirements. See page 19 on Student Matriculation for additional information.

REGISTRATION

Registration at CMC can be completed online or at one of two locations: the Office of Student Services at the main campus or at the Military Base Programs Office, MCAGCC, Building 1530, 6th Street, Rm. 209, Twentynine Palms, California. Consult the CMC website or current class schedule for dates and times. Please contact admissions&records@cmccd.edu for questions regarding credit and non-credit registration.

Schedule of Classes

The Schedule of Classes is the official list of courses offered each semester. The college reserves the right to make additions or deletions to the list of course offerings during the year or to cancel those classes in which enrollment is insufficient. Please visit the college website for updated schedule of classes. https://www.cmccd.edu/class-schedule/

Open Enrollment

Board Policy 5052 | Resolution No. 24-02

Every course offered, unless otherwise indicated in the catalog and schedule of classes, shall be fully open to enrollment and participation by any person who has been fully admitted to the college and meets the established course prerequisites.

The policy of this District is that, unless specifically exempted by statute or regulation, every course, course section, or class, reported for state aid, wherever offered and maintained by the District, shall be fully open to enrollment and participation by any person who has been admitted to the college(s) and who meets such prerequisites as may be established pursuant to regulations contained in Article 2.5 (commencing with Section 55003) of Subchapter 1 of Chapter 6 of Division 6 of Title 5 of the California Code of Regulations.

The statement of policy adopted by the board by Resolution pursuant to subdivision (a) shall be published in the official catalog, schedule of classes, and addenda to the schedule of classes for which full-time equivalent student (FTES) is reported for state apportionment. A copy of the statement shall also be filed with the Chancellor.

Priority Registration

Copper Mountain College provides priority registration for students who enroll in the college for the purpose of degree or certificate attainment, transfer to a four-year college or university, or career advancement.

Students will have the following registration priority, in the order of priority listed below:

- Are eligible as a member of the armed forces or a Veteran pursuant to Education Code section 66025.8 or as a foster youth or former foster youth pursuant to Education Code section 66025.9; or homeless or former homeless youth pursuant Education Code section 66025.9, or recipients of Tribal Assistance to Needy Families (TANF), or any student who has a child under 18 years of age who will receive more than half their support from that student; receiving services through ACCESS, Extended Opportunity Programs and Services (EOPS), CARE, or CalWORKs;
- Students who are continuing students, dependents of an active duty member of the armed forces, and first time students who have completed orientation, placement, and developed student education plans.

Registration priority specified above shall be lost at the first registration opportunity after a student:

- Is placed on academic or progress notice or any combination thereof; or
- Has earned seventy-nine (79) or more degree applicable semester or quarter equivalent units at the District or other higher education institutions.

For purposes of this section a unit is earned when a student receives a grade of A, B, C, D or P. This 79-unit limit does not include units for non-degree applicable English as a Second Language or basic skills, units earned through credit by examination, advanced placement, or International Baccalaureate.

Registration Changes and Withdrawals

A change of program includes the following: dropping a class, adding a class, or changing sections of the same course.

Students are expected to plan their schedules carefully with the aid and approval of an advisor or counselor and to endeavor to maintain enrollment throughout the semester. Students are held accountable for every course for which they have registered, and are responsible for filing all program changes and withdrawals according to the procedures in the class schedule. Failure to do so could result in a grade of "F."

Financial aid recipients should refer to the Financial Aid section of this catalog or the Financial Aid Policies webpage for information on Title IV repayment requirements: https://www.cmccd.edu/admissions/financial-aid/policies/

Auditing Classes

Individuals who audit a course may attend the course but will not receive college credit or a grade.

- Audit course forms cannot be submitted until after the last day to add the course (published in the Class Schedule).
- Priority is given to students seeking credit for the course. Those seeking to audit the course are accommodated on a case-by-case basis and only if space is available.
- Approval to audit a course will be at the discretion of the Instructor.
- Official records are not maintained for audit enrollments. The course is not recorded on transcripts.
- An individual auditing a course is a guest in the class and is held to the Student Code of Conduct guidelines listed the College Catalog.
- The auditing student is not required to purchase a textbook or supplies.
- The auditing student is not required to attend the course regularly or participate in the course.
- Auditing a course does not fulfill prerequisite requirements.
  - Auditing students shall not be permitted to change their enrollment in the course to receive credit.
  - A fee of $15.00 per unit will be charged to audit a course.
- Audit Course forms are available in Student Services.

Last Day to Withdraw

The District allows students to withdraw from classes until the last day of the fourteenth week or the seventy-fifth percent point of a semester or session, whichever is less.

A. The designated student grade responsibility date shall occur on the last day of the fourteenth week of instruction or at the seventy-fifth percent of a semester or session, whichever is less. The academic record transcript of a student who remains in a class beyond the fourteenth week of instruction or seventy-fifth percent point in a session must receive a grade of A, B, C, D, F, CR, I or NC.

B. Where cases of extenuating circumstances exist, a student or their representative may petition to be allowed to withdraw from a class or classes before or after the grade responsibility date. The petitioning process is to commence with the Dean of Student Services. Extenuating circumstances include cases of accidents, illnesses, or other circumstances beyond the control of the student which prevents them from completing the class or classes. Where such withdrawals are approved, the symbol "EW" may be granted.

Withholding of Student Records and Registration

Board Policy 5035

Students or former students who have been provided with written notice that they have failed to pay a proper financial obligation may have diplomas and registration privileges withheld.

The District may place holds on students' records for the following reasons:

1. Academic and/or Progress Notice, until cleared for registration by a counselor.

2. Academic and/or Progress Disqualification, until the student has applied for and been approved for reinstatement by the Dean of Student Services.
3. Conduct suspension and expulsion, until allowed to re-enroll by the Dean of Student Services.
4. Monies owed to the College.
6. Books and/or equipment not returned to programs and services.
7. Books not returned and/or fees not paid to the Greenleaf Library.

FEES: POLICIES & PROCEDURES

Enrollment Fee for Resident Students

Each student shall be charged a fee for enrolling in credit courses as required by law. CMCCD is required to charge each student a per unit fee for enrollment in credit courses. This fee is known as the enrollment fee. The amount of the fee is designated in California Code of Regulations, Title 5 § 58501. The enrollment fee and payment due date are listed in the schedule of classes and on the CMC website for each semester or intersession (Board Policy 5030.)

Non-Resident Student Tuition

Non-resident students are required to pay a per unit tuition in addition to the enrollment fee. This per unit rate is established each year by the Board of Trustees in accordance with Education Code Section 76141. See the schedule of classes for the current fee. This tuition fee is payable at the time of registration and is charged to all students who have not been legal residents of California for one full year and one day prior to the first day of the enrollment semester. Active-duty military personnel and their family members, regardless of residence, are exempt from out-of-state fees. Questions relating to the establishment of California residency should be directed to Admissions & Records, Office of Student Services, or the Military Base Programs Office. For more information on determination of resident status, see Board Policy 5015 and 5020.

Instructional Materials

Students may be required to provide required instructional and other materials for a credit or noncredit course, provided such materials are of continuing value to the student outside the classroom and provided such materials are not solely or exclusively available from the District.

Parking Fee

The District has temporarily waived the requirement to purchase a parking permit for Fall and Spring semesters and Winter and Summer sessions.

Physical Education Facilities

Where the District incurs additional expenses because a physical education course is required to use non-district facilities, students enrolled in the course may be charged a fee for participating in the course. Such fee shall not exceed the student's calculated share of the additional expenses incurred by the District.

Student Fees

Student fees per semester are $5.00 and are as follows: Continuation of the Student Government Fee ($1); support for Student Senate of California Community College (SSCCC) - AB 1504 ($1); support for ASCMC and CMC student clubs, student events, and club related activities ($2); and support for the Christine Proudfoot Student Activity Center ($1). A student may refuse to pay the fee for religious, political, financial, or moral reasons and shall submit such refusal in writing.

Transcript Fees

The District shall charge a reasonable amount for furnishing copies of any student record to a student or former student. The Superintendent/President is authorized to establish a fee, which shall not exceed the actual cost of furnishing copies of any student record. No charge shall be made for furnishing up to two (2) lifetime official transcripts of students' records, or for two (2) verifications of various records. There shall be no charge for searching for or retrieving any student record. Education Code Section 76223.

Refund Policy

Students may be eligible for a refund of tuition and certain fees when:

1. A course or program is canceled by the college.
2. A student officially withdraws from a course or program within the published refund period.
3. A student drops a course during the add/drop period.
4. An overpayment has been identified on the student's account.
5. A refund is approved under an exception or appeal process established by the college.

Once a refund has been approved and posted to a student's account, the college will initiate the refund through PayMyTuition. Students may be required to set up or verify their preferred refund method within the PayMyTuition platform. Refund processing times may vary depending on the selected payment method, banking institutions, and other factors outside the college's control.

Not all fees are refundable.

Enrollment fees may be refundable if a class is dropped on or before the last day to drop and be eligible for a refund as published in the Schedule of Classes. Refund dates for classes less than a semester in length are also provided in the Schedule of Classes.

Parking fees may be refundable if classes are dropped on or before the last day to drop and be eligible for a refund as published in the Schedule of Classes – the student completely withdraws from school. It is not refundable if there is only a reduction in program course load.

Non-Resident (Out-of-State) fess may be refundable for a reduction in program course load or a complete withdrawal from school, provided the student meets the refund deadline criteria.

Reference the current Schedule of Classes or the CMC website for the dates related to adding or dropping classes to be eligible for a refund.

The college reserves the right to apply any approved refund toward outstanding debts or obligations owed to the college before releasing remaining funds to the student.

Students are responsible for maintaining accurate contact and banking information, monitoring their student account and PayMyTuition communications, and responding promptly to requests for additional information needed to process a refund. Failure to provide required information may delay refund processing.

Returned Checks

A service charge of twenty dollars ($20.00) will be assessed for any check returned to Copper Mountain College by a bank. Students who have a returned check will be notified by the Cashier's Office. A hold will be placed on the students' records preventing any registration activity (including registration for subsequent terms), verification of enrollment or other transactions. The hold will remain until the financial obligation is met. Students who have two (2) or more checks returned by their bank will be placed on "cash-only" status and will be required to make all future payments in cash.

Residence Determination

Board Policy 5015

Students shall be classified at the time of each registration as a resident or non-resident student. A resident is any person who has been a resident of California for at least one year and a day on the residence determination date. The residency determination date shall be the day immediately preceding the first day of a semester or winter or summer session for which the student applies to attend. A minor whose parent or guardian qualifies as a resident shall likewise be deemed a resident. (Education Code, Sections 68040; 76140; Title 5, Sections 54000, et seq.)

Applicants must have had continuous presence in the state of California and have manifested intent to make California their place of permanent residence a minimum of 12 months and a day before the start of the semester for which they are applying. Applicants may

not have two (2) places of permanent residence. The residence can be changed only by the union of act and intent.

Actions which are consistent with the intent to make California the place of permanent residence include, but are not limited to, the following:

- Registering all vehicles owned in California
- Possessing a California driver's license
- Registering to vote in the state of California
- Assuming permanent employment
- Filing suit in a California court
- Petitioning for divorce in a California court
- Maintaining California as legal state on Leave & Earnings statement and W-2 form while in armed forces
- Filing taxes as a California resident

The actions listed in the preceding paragraph must have taken place at least one year and a day before the start of the semester for which the student is applying.

The initial residency classification will be made at the time the student applies for admission. Students may file a residency questionnaire form through the third week of the semester to request a review of their residency status. Final residency determination is made by the Dean of Student Services. Students may appeal the decision.

In the event that an applicant's residency is in question, it is the responsibility of the applicant to present clear proof of residency. The burden of proof is on the student.

The student whose official records show a residence outside California is a non-resident unless the student presents proof of legal California residence. Neither General Delivery nor a Post Office box number is acceptable as evidence of permanent address. The voting address of the parent or legal guardian shall be accepted as the permanent address.

These exceptions in determining resident status are in effect:

1. A minor shall be considered a resident student if immediately prior to first entering any public or private university, college, or community college in California they shall have been, for a period of at least two years, in the continuous care and control of a resident of California other than their parent.
2. A minor citizen, or a minor undocumented person lawfully admitted to the United States for permanent residence, shall be considered a resident student provided that they have not, for a period of one year immediately preceding the opening day of the semester or session in which they proposed to attend, received directly or indirectly any support or financial assistance from their father, mother, or legal guardian. During this period they must have been in continuous residence in California. They may not be shown as an income tax deduction by the parent or guardian during the period.
3. A resident student (other than as determined in 2 above) shall not lose their residence because of marriage to a non-resident who is living in California.
4. Active-duty military members are considered California residents for tuition purposes.
5. The dependent of an active-duty military person stationed in California is considered a resident for tuition purposes during their first year in California.
6. Other residency exceptions are listed in ECS 68070-68084.
7. Pursuant to the Veterans Access, Choice, and Accountability Act of 2014 (Choice, VACA), CMC offers resident enrollment fees to all covered individuals, effective July 01, 2015.

Eligible Veterans and dependents initially determined to be subject to out-of-state tuition should submit a change of status form with required documentation to Veterans Services. Veterans Services may be contacted at 866-366-5201, ext. 5813 or cmcvets@cmccd.edu. For recent updates please refer to the Veterans Services web page at www.cmccd.edu/support/veterans-services/.

Applicants who are classified as non-residents are welcome to enroll at Copper Mountain College; however, they will be subject to non-resident tuition fees in effect at the time of registration.

Undocumented Persons

The District will admit any undocumented person who is 18 years of age or a high school graduate. If undocumented persons are present in the United States with an undocumented status, they will be classified as non-residents and charged non-resident tuition unless they meet the eligibility and requirements of **AB540** below:

Eligibility: Undocumented individuals, T and U Visa holders *, Temporary Protected Status (TPS), U.S. Citizens, and lawfully present immigrants that meet eligibility.

Exclusions to Eligibility: Individuals with international student visas, visitor visas, or other "non-immigrant" visas (A,B,C,D,E,F,J,H,L,etc.).

Requirements:

1. The student must have: attended a combination of California high school, adult school, and California Community College for the equivalent of three years or more, or attained credits earned in California from a California high school equivalent to three or more years of full-time high school course work and attended a combination of elementary, middle and/or high schools in California for a total of three or more years.
2. The student must have: graduated from a California high school or attained the equivalent prior to the start of the term (for example, passing the GED or California High School Proficiency exam); or completed an associate degree from a California Community College; or completed the minimum requirements at a California Community College for transfer to the California State University or the University of California.
3. The student must register or enroll at an accredited institution of higher education in California.
4. The student must file an affidavit with the college or university stating that if the student is a undocumented person without current or valid immigration status, the student has filed an application to legalize immigration status or will file an application as soon as the student is eligible to do so.

Note: Students who meet AB540 requirements may complete the CA Dream Act Application (CADAA) to be considered for financial aid, which also may serve as the application for AB 540 eligibility.

*AB1899 allows U and T Visa holders to also apply for state financial aid. (T Visa holders should complete a FAFSA® and U Visa holds should complete a CA Dream Act Application.)

For more information, please visit the financial aid website: www.cmccd.edu/admissions/financial-aid/

Undocumented Persons - Establishing Residency (not AB540)

If, for at least one year and one day prior to the start of the semester in question, a undocumented person has possessed any immigration status that allows them to live and work indefinitely in the United States and they meet the California residency requirements, the student can be classified as a California resident.

Error or Falsification in Classification

Any student who has been admitted in error without payment of the fee, or because of falsification of information submitted by or for them, shall be excluded from classes. Such notification may be given at any time. A student excluded because of falsification shall not be readmitted during the semester or session from which they were excluded. They shall not be admitted to any following semester or session until all previously incurred tuition obligations are paid. Questions regarding residency should be directed to Admissions & Records in the Office of Student Services.

OFFICE OF STUDENT SERVICES

Committed to Service

To satisfy the educational needs of all the people within the College District, Copper Mountain College provides an "open door" policy admitting anyone 18 years of age or older who can profit from instruction and is no longer enrolled in high school. The resulting diverse student body encompasses a wide range in abilities, backgrounds, ages, economic status, and racial and ethnic groups.

To serve the educational and personal needs of a diverse population there must be a commitment to the concept that educational institutions exist for the purpose of assisting the individual student in the learning process. All programs, services, and facilities are directed toward the development of the student.

Office of Student Services performs an essential and vital function of the educational program. The goal of the Office of Student Services staff is to respond to each student regarding individual needs and concerns.

OFFICE OF STUDENT SERVICES

The Office of Student Services at Copper Mountain College is located in the 300 Quad. It houses programs and services that support students entering the path to reaching their academic and career goals.

COUNSELING

Students are encouraged to meet with a counselor each semester. Students come for assistance in making career choices, choosing majors, addressing educational challenges, connecting with resources, and developing social and interpersonal skills. Emphasis is placed upon assisting students in their growth and helping students advocate for their educational needs, and ultimately accomplishing their educational goals.

The following are areas of service provided by counselors, who are available in several different support programs:

1. Student orientation.
2. Academic advising to identify educational goals and complete them efficiently.
3. Develop first year plan (FYP) and comprehensive Student Education Plan (SEP).
4. Guidance for students placed on academic or progress notice.
5. Personal counseling (limited).
6. Transfer information and support.
7. Career counseling.
8. Referral to special programs, and on-and-off campus resources.
9. Crisis intervention.

STUDENT MATRICULATION

Board Policy 5050

Copper Mountain College will provide students, with the following required services for matriculation pursuant to Title 5, Section 55520 except as exempted pursuant to Title 5, Section 55532, with all of the following student success and support services:

A. Admission applications for processing.

B. Orientation services designed to provide nonexempt students and potential students, in a timely manner, information concerning college procedures and course scheduling, academic expectations, financial assistance and any other matters the District finds appropriate.

C. Course placement for all nonexempt students pursuant to Title 5, Section 55524.

D. Counseling or advisement for nonexempt students pursuant to Title 5, Section 55523.

E. Assistance in developing a student educational plan pursuant to Title 5, Section 55525, which identifies the student's educational objectives and the courses, services, and programs to be used to achieve them.

F. Post enrollment evaluation, pursuant to Title 5, Section 55526, of each student's progress.

Students with questions regarding these services or their status, or have a question regarding an exemption, please contact CMC's Admissions & Records.

Student Responsibilities

Students enrolling for credit courses enter into an agreement with the Copper Mountain Community College District for the purpose of realizing the student's educational goal through the District's established programs, policies and requirements.

Student responsibilities include:

A. Stating a broad educational intent upon enrollment.

B. Declaring a specific educational goal after completion of 15 units of degree applicable credit coursework.

C. Attending class regularly and completing assignments.

D. Completing coursework each semester and maintaining progress toward an educational goal, according to standards established by the District and the state.

E. Participating in counseling or advising.

F. Participating in the development of a Student Educational Plan (SEP) within 90 days after stating an educational goal.

First Year Plan

Board Policy 5110

Counseling services are an essential part of the educational mission of the District. Counseling/Advisement in this sense is a process in which a student is assisted in determining placement, reviewing past academic performance, identifying educational objectives and designing a plan.

Counseling/Advisement shall be available to all students including those students entering the college for the first time. Counseling/Advisement is required of all new students unless exempted according to the criteria listed below:

A. Students who have completed an associate degree or higher at an accredited institution.

B. Students taking only courses not dependent on academic skill requisites such as some fine or performing arts or physical education.

C. Students taking only courses to upgrade occupational skills or as continuing education for employment.

The college will make reasonable efforts to ensure that all new and continuing exempt students are provided the opportunity to have counseling and/or advisement.

Student Life

Student Life is a program designed to provide diverse opportunities for student engagement and interaction through data driven, student-centered activities. The program is intended to provide robust resources and inclusive enrichment to all students to cultivate a safe, equitable

and connected community, with a goal of fostering the awareness and well being to support students on their path to success. For additional information, please contact (760) 366-5201, ext. 5895.

ACCESS

For Students with Disabilities

ACCESS is a federally mandated program designed to support students with disabilities such as, but not limited to, acquired brain injury (ABI), ADHD, autism spectrum disorder, visual impairment, hearing impairment, learning disability, intellectual disability, mental health, physical disability, and other documented impairments that may impact a student's educational journey. Eligible students with a verified disability receive customized accommodations tailored to their specific educational limitations.

ACCESS provides a variety of services, including priority registration, disability counseling, academic advising, ergonomic furniture, assistance with mobility, support for note-taking, specialized equipment, access to alternate media software, alternative textbook formats, American Sign Language (ASL) interpretation, utilization of the High-Tech Center for testing and academic support, as well as educational assistance and tutoring classes designed to promote success in college. For further information, please contact ACCESS at: (760) 366-5201 ext. 5861 or email at access@cmccd.edu.

CALIFORNIA WORK OPPORTUNITY & RESPONSIBILITY TO KIDS (CalWORKs)

CalWORKs is the college portion of the State program California Work Opportunity & Responsibility to Kids (CalWORKs). Our goal is to assist students in obtaining their educational certificates and/or degree, while gaining employment and experience that leads to sustainable employment.

Eligibility

- Be a current CMC student
- Be receiving at least $1 of cash aid for themselves
- Bring in current Verification of Benefits
- Complete the Campus CalWORKs Application

Services

- Priority Registration
- Academic/Career/Personal Counseling
- Parking Permit
- Academic Supplies
- Textbook Assistance
- Meal and Gas Cards
- Workshops and Events
- Referrals

For more information or to apply to the program drop by the CalWORKs counter located in Student Services in the 300 Quad or call us at 760-366-5201, ext. 5810.

EXTENDED OPPORTUNITY PROGRAMS & SERVICES (EOPS)

The Extended Opportunity Programs and Services (EOPS) is a state funded program that provides students who are educationally and economically disadvantaged with the opportunity to attend college.

1. An applicant must be a California resident, qualify for a California Promise Grant A or B Waiver, be a full-time student in good standing with the college, and have an educational disadvantage according to program guidelines.
2. Based upon state funding, students receive supportive services which may include some or all of the following:
   - Priority registration
   - Book loan to assist in the purchasing of text books
   - Book loan/exchange programs
   - School supplies
   - Counseling (Academic, Career, Transfer and Personal)
   - Academic Awards Banquet
   - Cap and gown purchase
   - UC/CSU application fee waivers
3. Students are required to complete a Student Education Plan and have on going contact with the EOPS counselor.
4. A sub-program, Cooperative Agencies Resources for Education (CARE), encourages single, head of household, parents on public assistance (CalWORKs) to enroll in college by providing additional supportive services, including a CARE grant for educational expenses, parenting activities, and counseling. CARE participants must be an EOPS student in good standing. Contact (760) 366-5201, ext. 4247 for information.

NEXTUP/FOSTERING SUCCESS

NextUP

NextUP is a support program designed to foster success, resilience, and empowerment among foster youth attending our community college. Our goal is to empower current and former foster youth students to overcome barriers, achieve their educational goals, and successfully transition into independent and fulfilling lives. We provide a supportive and nurturing community to enable their success throughout their college journey and beyond.

Eligibility

- A current or former Foster Youth
- Currently enrolled at Copper Mountain College
- Must be under the age of 26 at the beginning of the academic year
- Must have been in foster care, guardianship, or ward of the court on or after their 13th birthday
- Submit a NextUP Application
- Submit a Foster Youth Verification

Services

- Priority Registration
- Academic/Career/Personal Counseling
- Emergency Grants
- Financial Assistance
- Parking Permit
- Textbook Assistance
- Academic Supplies
- Meal and Gas Cards
- Workshops and Events
- Referrals
- And more!

If you do not qualify for NextUP, you may qualify for Fostering Success.

Fostering Success Program

The Fostering Success Program at Copper Mountain College provides specialized educational support services for current and former foster youth. Our goal is to create a nurturing environment that equips students

with the tools for personal growth, academic excellence, and successful transitions for their future.

Eligibility

- Currently enrolled at Copper Mountain College
- A Current or Former Foster Youth
- Submit a Fostering Success Application
- Submit your Foster Youth Verification

Services

- Priority Registration
- Academic/Career/Personal Counseling
- Academic Support and Student Accountability
- Parking Permit
- Academic Supplies
- Meal and Gas Cards
- Workshops and Events
- Referrals

For more information or to apply to the program drop by the CalWORKs counter located in Student Services in the 300 Quad or call us at (760) 366-3791, ext. 5810 or (760) 366-5201, ext. 5810.

Wellness Center

The Wellness Center at Copper Mountain College supports students' basic needs and mental health to help them thrive both in and out of the classroom. Located in the 300 Quad, the Wellness Center provides access to essential resources such as groceries and snacks, school supplies, textbook assistance, laptop and hotspot loans, transportation support, hygiene supplies, and a clothing closet. Students can also receive help applying for county services, connect with local community resources, and access emergency assistance when unexpected challenges arise. In addition, the Wellness Center offers individual and group counseling, crisis intervention, and wellness workshops that promote holistic well-being.

FINANCIAL AID

Board Policy 5130

Copper Mountain College processes federal, state, and institutional aid for students who meet the eligibility requirements for the specific programs. Students are encouraged to file a financial aid application to apply for state and/or federal aid for which they may be eligible. Students are also encouraged to apply for any institutional and outside scholarships possible. Scholarship information is available from CMC's Foundation Office. Scholarship information is available on CMC's website at www.cmccd.edu/admissions/scholarships. A free scholarship search is available at www.fastweb.com.

Academic Year Definition

For financial aid purposes, CMC defines its academic year as two 16-week semesters (fall and spring), with additional summer and winter terms offered, with summer listed before fall. Enrollment status in summer, fall, and spring is determined as follows: full-time (12+ units), three-quarter time (9 -11.5 units), half-time (6 - 8.5 units), or less than half-time (1 - 5.5 units).

Winter intersession units are combined with spring for financial aid purposes; however, students must successfully complete winter courses for those units to be applied toward their spring enrollment status. For example, if you are enrolled in 4 units and pass during winter, you only need 8 units in spring to be considered full-time. Financial aid awards are tied to a student's enrollment level at the time of disbursement and may be adjusted if enrollment changes.

Financial Aid - How to Apply

Most federal and state aid is based on need. The federal processor determines a student's need for federal student aid using the Free Application for Federal Student Aid (FAFSA®) that the student files each year. Students are encouraged to file the FAFSA® as soon after October 1st as possible. The FAFSA® may be completed online at www.fafsa.gov. The state also uses the FAFSA® and CADAA (CA Dream Act Application for undocumented students) at https://dream.csac.ca.gov/landing to determine need for Cal Grant consideration. The primary Cal Grant deadline is May 2.

After analyzing the information on the FAFSA®, the federal processor will send the applicant a FAFSA® Submission Summary (FSS) and CMC an electronic record of the student's need analysis. Students may review their financial aid status including missing information, academic progress, and awards through their student portal.

Special or Unusual Circumstances

Financial aid administrators possess the unique ability to exercise professional judgment in cases of special or unusual circumstances that may impact a student's financial situation. This discretionary authority allows administrators to consider factors beyond what is typically captured on the Free Application for Federal Student Aid (FAFSA®) or CA Dream Act Application (CADAA), such as sudden changes in income, unexpected medical expenses, or other significant life events.

Through the professional judgment process, financial aid administrators can assess individual circumstances on a case-by-case basis and make adjustments to a student's financial aid package accordingly, ensuring that financial assistance is tailored to meet the specific needs of each student. This flexibility helps to address unforeseen challenges and ensures that students receive the support they need to pursue their educational goals.

Students who believe they have a special or unusual circumstance that may impact their ability to afford their education should reach out to CMC's Financial Aid Office at (760) 366-5201, ext. 4235.

Financial Aid Programs

Federal

Pell Grants: This federal grant is a need-based grant that helps eligible students pay educational expenses. Eligibility is determined using the Student Aid Index (SAI) and federal criteria. Award amounts vary based on enrollment intensity and the cost of attendance.

Federal Supplemental Educational Opportunity Grant (FSEOG): This limited federal grant is awarded to eligible students with exceptional financial need, as determined by the FAFSA®. Funds are awarded on a limited basis and may not be available to all eligible students.

Federal Work Study (FWS): This federal program provides eligible students with the opportunity to earn funds through part-time employment to help cover educational expenses. Positions may be on campus or with approved community service partners.

Federal Direct Loans (Subsidized & Unsubsidized): Federal Direct Loans are available to eligible students to help cover educational costs. Students must be enrolled in at least 6 units per term to receive loan funds. Loan eligibility is determined based on federal guidelines and student eligibility.

Students are encouraged to carefully consider borrowing and to utilize grants, scholarships, and other resources before accepting loans. Borrowing limits, interest rates, and repayment terms are established by federal regulations and may change annually.

State

Cal Grants A, B, & C: These state-funded grants are awarded by the California Student Aid Commission for eligible California residents attending a community college. Students must submit the FAFSA® or CADAA and meet applicable deadlines. The primary deadline is March 2, with a secondary deadline of September 2 for eligible community college students. Enrollment and GPA verifications for the Cal Grant program are sent to the state by CMC. Students with fewer than 24 completed credits should have their high schools send their GPA verifications.

At the community college level, Cal Grant awards primarily provide an access award to help cover books, supplies, and other educational expenses. Students with dependent children may be eligible for an increased Cal Grant access award, as determined by state guidelines. Award amounts and eligibility are determined by state requirements and may vary based on enrollment and program of study.

Additional information about Cal Grant eligibility and requirements is available through the Financial Aid Office or the CSAC website.

Undocumented students who meet eligibility requirements may qualify for Cal Grant programs through the California Dream Act Application.

Student Success Completion Grants (SSCG): This state-funded grant is available to eligible full-time (12 or more units) Cal Grant B or C recipients. Funds are limited and not guaranteed. Award amounts and eligibility are determined by state guidelines.

Chafee Grant: Students who were in foster care for at least one day between the ages of 16 and 18, as a dependent or ward of the court, and who demonstrate financial need may be eligible for the Chafee Grant. This grant may be used to support educational expenses, including costs such as books, supplies, housing, transportation, and child care at CMC. Students must meet program eligibility requirements and are encouraged to apply as early as possible. Students generally only need to submit the Chafee Grant application once and continue to meet eligibility requirements each year. http://chafee.csac.ca.gov

California College Promise Grant (CCPG): This state program provides assistance with mandatory enrollment fees for eligible California residents, AB 540 students, active-duty military members stationed in California, and their dependents. Eligibility may be based on financial need, receipt of public assistance, or income standards. Students are encouraged to complete the FAFSA® or California Dream Act Application (CADAA) to determine eligibility and maximize access to other financial aid programs. A separate CCPG application is also available through the Financial Aid Office for students seeking fee waiver consideration only.

Required Academic Progress for the California College Promise Grant (CCPG): Any combination of two primary consecutive terms (fall and spring) of cumulative GPA below 2.0, and/or cumulative course completion less than 50% may result in loss of fee waiver eligibility. Registered Foster Youth are exempt from this requirement. .

Consult with CMC Admissions & Records for information regarding the appeal process.

CALIFORNIA PROMISE PROGRAM

The CMC Promise Program provides no-cost tuition to qualified first and second year students. To qualify for the Promise Program, a student must:

- File a Financial Aid Application (FAFSA® or CADAA) for the academic year.
- Be a California resident or AB540 resident.
- Be enrolled in at least 12 units.
- Maintain a 2.0 cumulative GPA

Copper Mountain College Promise Program will run as long as there is State Funding. Portions or all of this program are subject to change as State funding may change.

To Continue Receiving Financial Aid

Students are required to meet Satisfactory Academic Progress (SAP) standards. The SAP standards are defined as maintaining a cumulative grade point average of at least 2.0 and cumulatively completing 67% of attempted units, all the while completing their program within 150% of the program's published units (for ex. 90 units to complete a 60 unit program). The federal government is willing to aid students as they pursue an education. However, it will not provide aid to students who are not completing their coursework satisfactorily or are not completing their program in a timely manner. Therefore, students are in danger of losing their aid eligibility if they take more courses in a semester than they can reasonably complete or if they do not take the appropriate courses to complete their program's requirements.

Students are advised to meet with a counselor to develop an educational plan, to be realistic about the number of courses they can satisfactorily complete in a given semester, and then to be diligent in class attendance and completion of assignments. Students who do not meet Satisfactory Academic Progress (SAP) standards may have the opportunity to submit an appeal based on extenuating circumstances. Information about the SAP appeal process is available on the Financial Aid website or by contacting the Financial Aid Office.

Withdrawal & Repayment of Funds

In the event something should occur to prevent the student from attending, it is the student's responsibility to drop the class with Admissions & Records located in the Office of Student Services or through the student portal. Failure to officially withdraw may result in failures on transcripts, possible overpayment, and loss of financial aid in future terms.

A student's withdrawal date may be determined by:

1. The date the student officially withdraws through the student portal or in person with Admissions & Records or
2. The date the instructor officially withdraws the student for failure to adhere to attendance requirements after 20% of the course is completed (census)
3. The date that most accurately reflects when the student ceased academic attendance

Repayment/Return of Title IV Funds (R2T4)

Title IV (federal financial aid) funds are awarded to students under the assumption that they will attend school for the entire period for which the financial aid is awarded. If a student receives Title IV aid and withdraws from all of their classes, or stops attending before completing 60% of the term, they may be required to repay a portion of their aid. Federal regulations require the Financial Aid Office to calculate how much aid a student earned based on their last date of attendance. Any unearned funds must be returned to the appropriate federal programs, such as the Pell Grant or FSEOG. This may result in a balance owed to the college. If the balance is not repaid, the student may lose eligibility for future financial aid. Students are encouraged to contact the Financial Aid Office before withdrawing to understand how this may impact their aid.

Grant Over-Awards: In some cases, students may receive more financial aid than they are eligible for. This can happen if information used to determine eligibility is incorrect or changes after aid has been awarded, such as updates to income, enrollment status, academic progress, or other eligibility requirements.

If an overpayment occurs, the Financial Aid Office will review the student's record and make any necessary adjustments. This may result in a balance owed to the college or a requirement to repay funds to the appropriate federal program. Failure to repay an overpayment may result in the loss of eligibility for future financial aid. Students are encouraged to contact the Financial Aid Office if they have questions about their aid or eligibility.

If a student owes Copper Mountain College money a HOLD may be placed on the student's record which affects future registration at Copper Mountain College.

Scholarship- If the recipient is eligible for payment at the time of disbursement, based on the school's refund policy date, but drops below the required number of units applicable to the payment received for a term, the recipient remains eligible for the entire payment.

Cal Grants, Student Success Completion Grants (SSCG), and Chafee Grants- If the recipient is eligible for payment at the time of disbursement, based on the school's census date, but drops below the

required number of units applicable to the payment received for a term, the recipient remains eligible for the entire payment.

TRANSFER CENTER

Housed with Career Services in the Career & Transfer Center, the Transfer Center's mission is to prepare students to successfully transfer to both public and private baccalaureate-granting educational institutions by providing information, education, and support services. Students should begin researching transfer options early in their academic career since different institutions often require different classes in completing major preparation requirements prior to transfer. The Transfer Center frequently posts announcements on Canvas to keep students updated on transfer-related opportunities. The Transfer Center facilitates various workshops, open application labs, university visits, and an annual college fair. The Transfer Center also hosts visits by CSU, UC, private, and out-of-state Admissions Representatives to assist students on an individual basis with their transfer needs. Students are encouraged to visit the Transfer Center or email for support (transfercenter@cmccd.edu).

VETERANS SERVICES

The Veteran Resource Center (VRC) is located on the main campus in the 300 Quad, Room 381 and is available to assist eligible veterans, dependents, and reservists in obtaining their GI Bill® educational benefits and services. The department also assists applicants with completing applications and forms necessary for GI Bill® benefits and helps veterans with referrals to other agencies and resources. Copper Mountain College is approved to assist individuals under various GI Bill® programs towards Associate in Arts or Associate in Science Degrees, and transfers to four-year institutions. The college is also approved by the California Department of Veterans Affairs for the attendance of veterans' dependents (Cal-Vet Fee Waiver).

Copper Mountain College proudly follows the ***Principles of Excellence***:

- We provide students with a personalized form covering the total cost of an education program.
- We provide educational plans for all military and veteran education beneficiaries.
- We do not participate in fraudulent and aggressive recruiting techniques and misrepresentation.
- We provide accommodations for service members and reservists absent due to service requirements.
- We provide a designated Point of Contact for academic and financial advising.
- We ensure accreditation of all new programs prior to enrolling students.
- We align institutional refund policies with those under Title IV.

Priority registration is offered to all veterans in good standing attending Copper Mountain College whether or not they are using GI Bill® benefits. Proof of veteran status must be provided to the VRC prior to receiving this service. Priority registration is not available to dependents.

Student program requirements are diverse and must be met in order to receive GI Bill® benefits. More information is available on our website, www.cmccd.edu/support/veterans-services, or students may call 1-866-366-5201, ext. 5813, or stop by VRC during business hours.

Veterans are not required to use GI Bill® education benefits to receive assistance from VRC. All veterans and active duty service members are welcome.

Bud and Betty's Place for Veterans is Copper Mountain College's military student center. All Veterans, active duty military, and dependents are encouraged to visit the center. It offers expanded services and is a space set aside to call their own.

VETERANS RESOURCE CENTER (VRC) COURSE AND CERTIFICATION REQUIREMENTS

1. PROOF OF ELIGIBILITY: Students enrolled at Copper Mountain College (CMC) who are requesting certification of Chapter 33 - Post-9/11 GI Bill® benefits, Chapter 31 – VA Vocational Rehabilitation (VR&E), or Chapter 35 – Dependents' Education Assistance (DEA), are required to provide proof of eligibility of their VA benefits. Check with the CMC Veterans Resource Center (VRC) for specific documentation required.
2. EDUCATIONAL GOALS AND VA CERTIFICATION: The Department of Veterans Affairs requires that all students receiving VA benefits must work toward a specific educational objective. At CMC, this objective can be an AA/AS Degree or approved transfer program. It is a requirement that all classes you are enrolled in must be part of the requirements or pre-requisites for your program. This is your responsibility. CMC VRC will check to ensure that all veterans/reservists/dependents are certified in only those courses applicable to the declared program. If any class you are enrolled in does not apply to the major, the Department of Veterans Affairs will be notified of the reduction in course units. Note: Make sure the courses you are taking are required for your major. Before making changes to your classes, check with your VRC counselor.
3. TRANSFER STUDENT REQUIREMENTS: Transfer students are required to submit official transcripts and to have all coursework evaluated. VA benefit recipients must have official transcripts on file with CMC VRC from all previous colleges/universities attended. This is required to meet the VA's prior credit evaluation policy. Payment of VA educational benefits may be suspended until transcripts are submitted to CMC and VRC. Note: Evaluation of official transcripts is also required for graduation.
4. CMC REQUIREMENTS FOR VA CERTIFICATION: Students receiving VA benefits are required to meet with a VRC counselor to complete and/or update a Student Education Plan (SEP) along with a Veteran's Services Certification Request each semester for enrollment certification to VA.
5. CHAPTER 33 - POST 9/11 GI Bill® VERIFICATION REQUIREMENTS: Chapter 33 students are required to electronically verify their continued enrollment with the VA each month (per Section 1010 of P.L. 116-315). If a student fails to verify for two consecutive months, the VA will withhold monthly housing allowance payments until the student verifies. Students enrolled at CMC who are requesting certification of Chapter 33 - Post 9/11 GI Bill® benefits who drop or withdraw from one (or more) of their courses may owe a debt fee back to CMC for tuition and fees due to overpayment (per Section 1019 of P.L. 116-315). If the student fails to pay the debt back to CMC, a registration hold will be placed on their account, and they will not be able to register until the debt has been paid. VA will send debt letters to both the student and the institution regarding the debt.
6. ATTENDANCE AND PROGRESS STANDARDS: The Department of Veterans Affairs (VA) has certain policies regarding attendance and progress standards. These policies are outlined in Veterans Administration Regulations Sections 21.4135, 21.4253 and 21.4277 and Department of Veterans Benefits Circular 20 75 54, dated 30 May 1975, concerning a school's liability for overpayments and standards of attendance and progress. The student has the responsibility to adhere to the standards of attendance and progress outlined in both the Veterans Bulletin

and Copper Mountain College (CMC) catalog pertaining to attendance and satisfactory progress to be certified for receiving VA educational benefits.

7. VA PAYMENTS: Monthly Housing Allowance and stipend amounts vary by GI Bill ® chapter and rate of pursuit and campus location. Winter, Summer and short-term classes are computed proportionately for VA payment purposes and only for the period the class is in session. VA benefit payments are based on required attendance in classes. A student is expected to attend all sessions of the classes in which the student is registered. It is the student's responsibility to contact instructors regarding any absence.
8. VA OVERPAYMENT: An overpayment may occur due to the student's termination of enrollment or reduction in units. The student will be liable for the overpayment. Should the student receive a VA payment that is an overpayment, it is the student's responsibility to contact the VRC at CMC for procedures on returning the amount of overpayment to VA. The VRC will notify VA of any course status changes per VA requirements.
9. REPEATING COURSES: Students may receive benefits when repeating courses in which a grade of F, FW or NP was received if the course is required or a pre-requisite to a required course. In some instances, a grade of "D" may be repeated if it is noted that a grade of "C" or better is required in the catalog. If the student receives a grade of "F", "FW" or "NP", or in some cases "D", for the 2nd time at CMC, then CMC is required to notify VA that the first term in which student received the unsatisfactory grade has now turned into a "Non-Punitive Grade" since the first grade has now been taken out of your GPA calculation and student did not pass it when repeated. This will result in overpayment, and the student will be contacted by VA regarding the overpayment.
10. UNSATISFACTORY PROGRESS: If the student does not maintain satisfactory progress, educational benefits will be discontinued by VA. Progress is unsatisfactory if the student is on Notice or Pause. Please refer to page 35 of the CMC catalog regarding Notice, Pause, and Reinstatement.
11. CHANGE IN STUDENT INFORMATION OR STATUS: The student is responsible for notifying the VRC at CMC immediately of any change that would affect VA educational benefits (change of address, change in training time or termination). Not reporting status changes can cause termination of benefits and an overpayment from VA.
12. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA) and benefits are subject to change. More information about education benefits offered by VA is available at the official U.S. government Website: GI Bill or www.gibill.va.gov.

VETERANS AND DEPENDENTS ENROLLMENT FEES

Pursuant to the Veterans Access, Choice, and Accountability Act of 2014 (Choice, VACA), CMC offers resident enrollment fees to all covered individuals, effective July 01, 2015.

Eligible veterans and dependents initially determined to be subject to out-of-state tuition should submit a change of status form with required documentation to VRC. VRC may be contacted at (760) 366-5201, ext. 5813 or cmcvets@cmccd.edu. For recent updates please refer to the VRC web page at www.cmccd.edu/support/veterans-services/

As part of the Veterans Benefits and Transition Act of 2018, Copper Mountain College will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet their financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33. NOTE: A Covered Individual is any individual who is entitled to educational assistance under chapter 31, Vocational Rehabilitation and Employment, or chapter 33, Post-9/11 GI Bill® benefits.

STUDENT ORGANIZATIONS

Associated Students of CMC (ASCMC)

Board Policy 5400

In keeping with the philosophy of Copper Mountain College and in the spirit of shared governance, students are encouraged to be active participants in the Associated Student's organization.

Officers and Senators are elected annually to represent students. A student is also elected each year to serve as Student Trustee on the Board of Trustees. This position helps ensure an official student voice at the policy level of the college. The ASCMC has adopted Bylaws, incorporating rules and regulations that provide a structure for the operation of the Association and reflects the interests and concerns of students.

ASCMC Inauguration 2011

Honor Societies

- Beta Rho Pi Chapter of Phi Theta Kappa
- Alpha Sigma Chapter of Alpha Beta Gamma

CAMPUS CLUBS

Copper Mountain College offers a variety of campus clubs and organizations. Clubs focus on service, academic enhancement, special interests, and social development. Students are encouraged to participate in campus organizations.

Each year new clubs are chartered as requested by students by Associated Students of Copper Mountain College (ASCMC). Each club is allowed representation at the Inter Club Counsel meetings where activities, projects, and concerns pertaining to club members are discussed. For those who are interested in joining or starting a club, contact the Student Life and Engagement Specialist in the Christine Proudfoot Student Activity Center.

CMC Pride Club

STUDENT RIGHTS AND RESPONSIBILITIES

Each student is responsible for meeting all college requirements and deadlines, as presented in this and any other announcements of the college or department in which he/she/they is enrolled. Class schedule information is considered as supplementary to the college catalog and is also an official statement of policy.

The college intends that every member of the campus community be afforded a work and study environment free of discrimination based on race, color, religion, national origin, sex, marital status, pregnancy, age, disability, or Veteran status. All persons are to be protected from abusive or harassing behavior.

The District Board Policies and Administrative Procedures undergo regular reviews and updates to ensure compliance with all applicable laws and regulations. We are committed to maintaining accuracy; however, updates may not always reflect the most recent changes and may be revised without prior notice. These policies establish a framework for the governance and operations of the institution, aligning with relevant federal and state laws and accreditation standards. The District reserves the right to amend or revoke any policy as deemed necessary.

For a complete listing of our Board Policies and Administrative Procedures, please visit https://cmccd.community.diligentoneplatform.com/Portal/Policy.aspx. Should you have any questions, please do not hesitate to contact the Office of the Superintendent/President at (760) 366-3791 ext. 5441.

ACADEMIC FREEDOM

Board Policy 4030

The Copper Mountain Community College District supports the PRINCIPLE of academic freedom. College faculty and students must be free to cultivate a spirit of critical inquiry and scholarly pursuit within a collegial atmosphere that demonstrates respect for the opinions of others. The oral and written discussion of concepts and topics should involve a free and uncensored exchange of ideas. Our college believes in the development of the whole person within an environment where respect for the ideas and traditions of others is UPHELD.

The College supports the American Association of University Professors (AAUP) Statement of Principle as it relates to Academic Freedom.

"Institutions of higher education are conducted for the common good and not to further the interest of either the individual teacher or the institution as a whole. The common good depends upon the free search for truth and its free exposition. Academic freedom is essential to these purposes and applies to both teaching and research. Freedom in research is fundamental to the advancement of truth. Academic freedom in its teaching aspect is fundamental for the protection of the rights of the teacher in teaching and of the student to freedom in learning. It carries with it duties correlative with rights."

Teachers are entitled to full freedom in research and in the publication of results, subject to the adequate performance of their other academic duties; but research for pecuniary return should be based upon an understanding with the authorities of the institution.

Teachers are entitled to freedom in the classroom in discussing their subject, but they should be careful not to introduce into their teaching controversial matter that has no relation to their subject. The intention of this statement is not to discourage what is "controversial." Controversy is at the heart of free academic inquiry. The passage serves to underscore the need for teachers to avoid persistently intruding material that has no relation to their subject.

College and university teachers are citizens, members of a learned profession, and officers of an educational institution. When they speak or write as citizens, they should be free from institutional censorship or discipline, but their special position in the community imposes special obligations. As scholars and educational officers, they should remember that the public may judge their profession and their institution by their utterances. Hence they should at all times be accurate, should exercise appropriate restraint, should show respect for the opinions of others, and should make every effort to indicate that they are not speaking for the institution.

STANDARDS OF CONDUCT AND SCHOLARSHIP

Board Policy 4220 and 5500

Student Code of Academic Integrity

Copper Mountain Community College District officials and faculty members have an obligation to the academic community and to their students to foster honesty in academic work by their students. The most effective way to promote academic integrity is to enhance the quality of intellectual life on campus. By encouraging critical thinking and actively engaging students in dialogue and discussion, faculty and staff members will create a climate in which academic dishonesty is unlikely to flourish.

Student academic dishonesty is a serious offense at Copper Mountain College because it undermines the bonds of trust and honesty between members of the college community and defrauds those students who eventually depend upon our knowledge and integrity. Student academic dishonesty consists of the following:

1. Cheating. Intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise.
2. Fabrication. Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.
3. Facilitating Academic Dishonesty. Intentionally or knowingly helping or attempting to help another student to violate any provision of this code.
4. Plagiarism. Intentionally or knowingly representing the words or ideas of another person as one's own in any academic exercise. Rewriting, paraphrasing, summarizing, putting a passage into one's own words without recognizing the original source are still plagiarism: credit must be given to the author or creator. Plagiarism can carry serious consequences, resulting in course failure and/or expulsion. Please refer to the "Student Rights and Responsibilities" section of the Copper Mountain College Catalog. The following are examples of plagiarism:
   A. Copying and pasting text from electronic sources.
   B. Copying and pasting text from web sites.
   C. Transcribing text from printed material, such as books, magazines, encyclopedias or newspapers.
   D. Modifying or scanning any text.
   E. Replacing words in quoted text with a thesaurus and using the result as your own.
   F. Using copyrights, trademarks, patents, speeches, and artistic creations without permission or acknowledgment.
   G. Using photographs, images, video, or audio without permission or acknowledgment.

H. Using another student's work and claiming it as your own (even with permission).

I. Translating texts from a foreign language does not constitute original work and falls under the guidelines for quotations, summaries, and paraphrasing.

J. Self-plagiarism – submitting the same assignment more than once

Copyright Infringement for File Sharing

When you download music and movie files from the internet, unless you know for sure that the file isn't copyrighted, or receive permission from the copyright holder, you are taking a big chance, and can safely assume you are committing copyright infringement. Downloading or distributing copyrighted material without the express permission of the copyright owner is copyright infringement, and is against the law. Unless you receive actual express permission from the copyright owner, assume you do not have permission to download or share the file. If you illegally download or share copyrighted material such as music or movie files, you could face legal action from the owner of the copyright for the work, which could mean thousands of dollars in fines, as well as college disciplinary action for stealing or attempting to steal private property.

Cause for Discipline

When a student enters Copper Mountain College, we presume each student will contribute positively and appropriately to the roles and responsibilities of being a student at CMC. If, however, the student's conduct is not appropriate, and the student is found in violation of the student code of conduct as listed in the Standards of Conduct policy, then appropriate disciplinary action will be taken.

The purpose of this policy is to provide a prompt and equitable means to address violations of the Copper Mountain Community College District Standards of Student Conduct which guarantees to the student or students involved the due process rights guaranteed them by state and federal constitutional protection. This procedure will be used in a fair and equitable manner, and not for the purposes of retaliation. It is not intended to substitute for criminal or civil proceedings that may be initiated by other agencies.

This policy is specifically not intended to infringe in any way on the rights of students to engage in free expression as protected by the state and federal constitutions, and by Education Code Section 76120, and it will not be used to punish expression that is protected.

The following conduct shall constitute good cause for discipline, including, but not limited to, the removal, suspension, or expulsion of a student:

1. Causing, attempting to cause, or threatening to cause physical injury to another person.
2. Possession, sale or otherwise furnishing any firearm, knife, explosive or other dangerous object, including, but not limited to any facsimile firearm, knife or explosive, unless, in the case of possession of any object of this type, the student has obtained written permission to possess the item from a District employee, which is concurred by the Superintendent/President.
3. Unlawful possession, use, sale, offer to sell, or furnishing, or being under the influence of, any controlled substance listed in Chapter 2 (commencing with Section 11053) of Division 10 of the California Health and Safety Code, an alcoholic beverage, or an intoxicant of any kind; or unlawful possession of, or offering, arranging or negotiating the sale of any drug paraphernalia, as defined in California Health and Safety Code Section 11014.5.
4. Committing or attempting to commit robbery or extortion.
5. Causing or attempting to cause damage to District property or to private property on campus.
6. Stealing or attempting to steal District property or private property on campus, or knowingly receiving stolen District property or private property on campus.
7. Willful or persistent smoking in any area where smoking has been prohibited by law or by regulation of the college or the District.
8. Sexual assault or sexual exploitation regardless of the victim's affiliation with the District.
9. Committing sexual harassment as defined by law or by District policies and procedures.
10. Engaging in harassing or discriminatory behavior based on race, sex, religion, age, national origin, disability, or any other status protected by law.
11. Engaging in intimidating conduct or bullying against another student through words or actions, including direct physical contact; verbal assaults, such as teasing or name-calling; social isolation or manipulation; and cyberbullying.
12. Willful misconduct which results in injury or death to a student or to college personnel or which results in cutting, defacing, or other injury to any real or personal property owned by the District or on campus.
13. Disruptive behavior, willful disobedience, habitual profanity or vulgarity, or the open and persistent defiance of the authority of, or persistent abuse of, college personnel.
14. Cheating, plagiarism (including plagiarism in a student publication), or engaging in other academic dishonesty.
15. Dishonesty; forgery; alteration or misuse of college documents, records or identification; or knowingly furnishing false information to the District.
16. Unauthorized entry upon or use of college facilities.
17. Lewd, indecent or obscene conduct or expression on college-owned or controlled property, or at college-sponsored or supervised functions.
18. Engaging in expression which is obscene, libelous or slanderous; or which so incites students as to create a clear and present danger of the commission of unlawful acts on college premises, or the violation of lawful college regulations, or the substantial disruption of the orderly operation of the college.
19. Persistent, serious misconduct where other means of correction have failed to bring about proper conduct.
20. Unauthorized preparation, giving, selling, transfer, distribution, or publication, for any commercial purpose, of any contemporaneous recording of an academic presentation in a classroom or equivalent site of instruction, including but not limited to handwritten or typewritten class notes, except as permitted by any District policy or administrative procedure.
21. Hazing or attempted hazing of a former, current, or prospective student of the District.

Definitions of Types of Discipline

1. **Removal From Class**

   Exclusion of the student by an instructor for the day of the removal and the next class meeting. For online classes, the removal is for up to one week.

   Any instructor may order a student removed from their class for the day and the next class meeting. The instructor shall immediately report the removal to their supervising administrator. The supervising administrator will refer any student code of conduct incidents to the Dean of Student Services. The student shall not be returned to the class during the period of the removal without the concurrence of the instructor. If an instructor needs assistance in removing a student from class. They may call Security at 760-601-4123.

If referred to the Dean of Student Services, nothing herein will prevent the Dean of Student Services from recommending further discipline in accordance with board policy and based on the facts that led to the removal. (ECS 76032)

2. **Immediate Interim Suspension**

   Exclusion of the student by the Dean of Student Services for good cause from one (1) or more classes for a period of up to ten (10) consecutive days of instruction.

   The Dean of Student Services may order immediate suspension of a student when it is concluded that immediate suspension is required to protect lives or property and to ensure the maintenance of order. In cases where an interim suspension has been ordered, the time limits listed in the board policy shall not apply, and all hearing rights, including the right to a formal hearing where a long-term suspension or expulsion is recommended, will be afforded to the student within ten (10) days. (ECS 66017)

3. **Long-term Suspension**

   Exclusion of the student by the Dean of Student Services for good cause from one or more classes for the remainder of the school term, or from all classes and activities of the college for one or more semester/terms.

4. **Expulsion**

   Exclusion of the student by the Board of Trustees from the college for one or more terms.

5. **Withdrawal of Consent to Remain on Campus**

   Withdrawal of consent by the Superintendent/President or designee for any person to remain on campus in accordance with California Penal Code Section 626.4 where the Superintendent/President or designee has reasonable cause to believe that such person has willfully disrupted the orderly operation of the campus.

6. **Written or Verbal Reprimand**

   A written or verbal reprimand is an admonition to the student to cease and desist from conduct determined to violate the Standards of Student Conduct. Written reprimands may become part of a student's permanent record at the college. A record of the fact that a verbal reprimand has been given may become part of a student's record at the college for a period of up to one year.

DUE PROCESS

Concerns regarding potential violations of the college's standards of conduct are handled by the Office of the Dean of Student Services. This office carefully reviews the situation, gathering information through interviews, correspondence, and other relevant evidence to determine whether a meeting or hearing is necessary with the student involved.

If the Dean of Student Services determines that a meeting or hearing is necessary based on the information, a date and time will be scheduled, and the student will receive a letter and/or email notification with the details. This notification will include the date, time, and location of the incident, along with the specific standard of conduct that may have been violated. The student will also be invited to prepare and submit any relevant documentation for the meeting and may choose an advisor to accompany them at the hearing or be provided one by the District.

During the meeting, the Dean of Student Services will ensure the student fully understands the process and possible outcomes. Any additional evidence or testimony related to the situation will be reviewed. After considering all the information, the Dean of Student Services will decide whether the allegations are supported or not. If the allegations are unsupported, they may be dismissed, or further investigation may be needed. If the allegations are supported, disciplinary procedures will be outlined, and the student will be notified by letter and email with details about the next steps.

Appeal Procedure

If a student feels they have been treated unfairly, they have the option to appeal the decision made by the Dean of Student Services. This appeal must be initiated within 15 school days of decision of the Dean of Student Services. The process is as follows:

1. The student should first meet with the Dean of Student Services to discuss their concerns within the 15-day period.
2. If the student is not satisfied with the outcome of this discussion, they can submit a formal written complaint to the Vice President of Student Services within five school days. This complaint should outline which part of the process they believe was unfair or why they feel the evidence did not support the decision.
3. The Vice President of Student Services will then investigate the issue, make a determination, and communicate the outcome to both the student and the Dean of Student Services within 40 school days of receiving the complaint.

STUDENT GRIEVANCE PROCEDURE

If a student has a reason to believe that they have been unfairly treated, and wishes to bring charges against a member of the academic community, the following procedures are followed with respect to the faculty and/or administrators.

I. Cause:

Within fifteen (15) school days from the time of the alleged grievance, any student who has reason to believe that they have been treated unfairly may initiate grievance procedures against the staff member in question.

II. Procedures:

A. The student shall first discuss the matter with the staff member in question. If, however, the student cannot discuss the matter with the staff member, or if the student is not satisfied with the discussion, they may then;

B. Within five (5) school days after consulting or attempting to consult with the staff member, bring the matter to the attention of the appropriate Dean.

After discussing the matter with the appropriate Dean or their designee, if the student wishes to make a formal complaint, it must be in writing. The Dean or their designee will notify the staff member and conduct an investigation. At this point the name of the student may be kept confidential. The Dean may request a meeting with the student and the staff member if it is believed that the matter can be resolved. At this meeting the student and the staff member are entitled to representation. The Dean or designee shall communicate a decision to the student and staff member within forty (40) school days of the written complaint. If, however, the student is not satisfied, they may then;

C. Within ten (10) school days of receiving that decision, the student desiring further appeal may appeal to the Chief Instructional Officer for review of the matter and, at the Chief Instructional Officer's discretion, hold a hearing on the matter.

D. The Chief Instructional Officer shall communicate a decision to the student and staff member within forty (40) school days of the hearing. The decision of the Chief Instructional Officer shall be final.

E. Due to contractual or other personnel regulations, decisions regarding grievances may not be shared with the student.

STUDENT PRIVACY RIGHTS AND ACCESS TO RECORDS

Family Educational Rights and Privacy Act (FERPA)

Release of Information

The Copper Mountain Community College District (CMCCD) does not release student record information without the written consent of the student, except as outlined below under Disclosure of Education Records.

STUDENT RECORDS AND DIRECTORY INFORMATION

Board Policy 5040

The District may permit access to student records to any person for whom the student has executed written consent specifying the records to be released and identifying the party or class of parties to whom the records may be released.

The District may not permit access to student records to any person without the written consent of the student or under judicial order except:

1. Officials and employees of the District who have a legitimate educational need to know. A school official is defined as:
   - A person employed by the District in an administrative, supervisory, academic, research, support staff, or security position;
   - A person elected to the Board of Trustees;
   - A student government officer conducting student elections; and/or
   - A person employed by or under contract to the District to perform a special task, such as the attorney or auditor.

   School officials have a legitimate need to know if they are:
   - Performing a task that is specified in their position description or by a contract agreement;
   - Performing a task related to a student's education;
   - Performing a task related to the discipline of a student; and/or
   - Providing a service or benefit relating to the student such as counseling, job placement or financial aid.
2. To officials of another school or school system, upon request, in which a student seeks, intends, or is directed to enroll, including local, county or state correctional facilities where educational programs are provided.
3. To certain officials of the U.S. Department of Education, the Comptroller General, and state and local educational authorities, in connection with certain state or federally supported education programs.
4. In connection with a student's request for, or receipt of financial aid, as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce the terms and conditions of the aid.
5. To other state and local officials or authorities to the extent that information is specifically required to be reported pursuant to state law adopted prior to November 19, 1974.
6. To organizations conducting studies for, or on behalf of the college.
7. To organizations conducting studies for, or on behalf of, educational agencies or institutions for the purpose of developing, validating, or administering predictive tests, student aid programs, and improving instruction.
8. To accrediting organizations in order to carry out their accrediting functions.
9. To comply with a judicial order or a lawfully issued subpoena.
10. To appropriate persons in connection with an emergency if the knowledge of that information is necessary to protect the health or safety of a student or other persons.
11. To an alleged victim of any crime of violence of the results of an institutional disciplinary proceeding against the alleged perpetrator of that crime with respect to that crime.

Directory Information

The Copper Mountain Community College District (CMCCD) does not release student record information without the written consent of the student, except as outlined below under Disclosure of Education Records. The law allows the college to release student directory information, except when students have specifically requested that directory information be kept confidential. However, CMC Board Policy 5040 considers only the following items as "directory information," open to disclosure if requested:

1. Name
2. Major field of study
3. Awards and degrees received (including President's List recognition)
4. Degree(s) received/conferred (including dates)
5. Participation in college activities

Only these items are "directory information" at CMC and OK to share, unless the student gives permission in writing. Should the student decide they do not want their "directory information" shared, then a Full Suppression form must be signed and provided to Admissions & Records. Please note: To protect student's privacy, Copper Mountain College's policy is "All or Nothing." When students ask for their records to be suppressed, all Directory Information will become unavailable for the public to see and CMC is unable to acknowledge the student attends Copper Mountain College. The student must come in person to Admissions & Records to complete any college transactions, such as: registration, billing, transcripts, grades, etc. The suppression will stay in effect until this form is again completed to allow CMC to release the student's Directory Information. Even if this is signed and the Directory Information is suppressed, parents of dependent children (according to IRS rules) still have the right to view all of their student's records.

Right to Inspect and Review Records

All currently enrolled or former students have a right to inspect and review all student records relating to them. Student record is defined according to the Family Educational Rights and Privacy Act (FERPA). To access their transcripts, students must file a letter of request with the Office of Student Services. To obtain access to other documents, students must submit a letter of request to the Dean of Student Services.

Access shall be granted no later than 15 school days following the date the written request is received. Within the same 15 school days, the student will be notified of the location of all official student records if not centrally located and qualified personnel will be made available to interpret records where appropriate.

Right to Request Amendment of Student Records

Students may file a written request with the Superintendent/ President to correct or remove information recorded in their student records which they allege to be: (1) inaccurate; (2) an unsubstantiated personal conclusion or inference; (3) a conclusion or inference

outside of the observer's area of competence; or (4) not based on the personal observation of a named person with the time and place of the observation noted.

Within thirty (30) calendar days of receipt of such request, the Superintendent/President, or designee, shall meet with the student and the employee who recorded the information in question, if such employee is presently employed by the District. The Superintendent/President, or designee, shall then sustain or deny the allegations.

If any or all allegations are sustained, the Superintendent/President, or designee, shall order the correction or removal and destruction of the information. If any or all of the allegations are denied, the student may appeal the decision in writing to the Board of Trustees within thirty (30) calendar days of denial.

Within thirty (30) days of the receipt of an appeal, the Board of Trustees shall, in closed session with the student and employee who recorded the information in question, if presently employed by the District, determine whether to sustain or deny the allegation(s). If the Board sustains any or all of the allegations, it shall order the immediate correction or removal and destruction of the information. The decision of the Board shall be final.

Records of these administrative proceedings shall be maintained in a confidential manner and shall be destroyed one year after the decision of the Board, unless the student initiates legal proceedings relative to the disputed information within the prescribed period.

If the decision of the Board is unfavorable to the student, or the student accepts an unfavorable decision by the Superintendent/President, they shall have the right to submit a written statement of their objections which shall become part of their student record until such time as the information to which the objection is made is corrected or removed.

RIGHT TO FILE COMPLAINTS WITH THE DEPARTMENT OF EDUCATION

Copper Mountain College students have the right to file complaints with the U.S. Department of Education concerning alleged failures by the college to comply with the Family Educational Rights and Privacy Act. Written complaints should be directed to the Family Policy Compliance Office, U.S. Department of Education, 600 Independence Avenue SW, Washington, DC 20202-4605; (202) 260-3887; FAX (202) 260-9001.

CAMPUS SERVICES AND POLICIES

AUTOMATIC TELLER MACHINE

An automatic teller machine (ATM) is located inside Jorge's Place .

BOOKSTORE

Visit CMC's bookstore online at www.cmccd.edu/current-students/cmc-bookstore/

FOOD SERVICES

Jorge's provides food services to students on campus. Free soup is provided daily for students. Hours of operation are published in the current class schedule each semester. Jorge's is located in the 300 Quad, by Office of Student Services. Visit online at www.JorgesMenu.com ·

HOUSING

There are no facilities for on or off campus housing at Copper Mountain College. Information regarding general housing in the community is available through local realtors. The college does not inspect or approve facilities and assumes no responsibility for agreements between landlords and the students.

PARKING

Board Policy 6750
Administrative Procedure 6750

Parking Permits

The District has temporarily waived the requirement to purchase a parking permit for Fall and Spring semesters and Winter and Summer sessions.

Temporary Parking Permits

Temporary Parking Permits are not required at this time.

Handicapped Parking

Handicapped parking for vehicles displaying valid placards or plates is available in the main parking lot near the entrance to the 200 Quad, the upper parking lot on the east side of the 100 Quad, the Student Services parking lot near the entrance to the Cashier Office, the parking lot west of the 300 Quad behind the Library, and in the North and South Bell Center parking lots. Handicapped parking is identified by standard markers.

Vehicles parking in handicapped parking spaces must display a valid placard or plate. Only vehicles displaying such identification are permitted to park in handicapped parking.

Campus Parking Regulations

Operation of motor vehicles on campus shall be conducted in a manner that ensures the safety of other drivers and pedestrians. Vehicles must be operated and parked in accordance with all District, city, and state driving regulations. Drivers will be cited when operating a vehicle in any manner contrary to these Campus Parking Regulations and state law. Vehicles parked in a manner contrary to these regulations may be towed away at the owner's expense.

The posted speed limit for all parking lots and campus roadways is 10 mph. Vehicles are only permitted on designated roads and parking lots. Only authorized vehicles and personnel are permitted on service roadways and maintenance areas.

No vehicle shall be parked in a manner taking more than one (1) parking space and must be parked within a clearly marked space. Exceptions may be made by permission only.

No motor vehicle, moped or motor-driven cycle shall be driven, parked, or left standing on any campus walkway or any interior service roadway or lawn without special permission. No motor vehicle, moped or motor-driven cycle shall be parked or left standing in front of any building entrance, gate, driveway, service road, intersection, fire lane, fire hydrant, or along a red curb. No motor vehicle, moped or motor-driven cycle shall be parked in any undeveloped area.

Parking in Visitor parking spaces is permitted for non-students and non-employees for the posted length of time.

Enforcement

Campus Parking regulations shall be enforced by Campus Security personnel. The fine for a violation of campus regulations is $20.00 per violation. The San Bernardino County Sheriff's Department also has jurisdiction on campus roadways and parking lots, and will enforce driving and traffic regulations in accordance with state law.

Payment of fines related for parking violations, or to dispute a citation, is made online at www.paymycite.com. Failure to respond to a citation within 15 days will may result in the following actions:

- A "hold" may be placed upon the academic records of the violator and they may be prohibited from registering for classes until the fine has been paid.
- The fine may be sent to an outside collection agency.
- Failure to respond to the collection notice within 10 days may result in additional fees.
- The Department of Motor Vehicles may be notified of the fine and may be collected at the time the vehicle's registration is renewed.

TRANSPORTATION

Basin Transit has routes throughout the entire Morongo Basin during the day and evening that assist CMC students in their transportation needs. Registered students with a current CMC ID card can ride Basin Transit buses for free. A sticker indicating current semester enrollment will be affixed to the ID card during the registration. Interested students may call 1(800) 794-6282 for more information about MBTA routes, timetables, and services. Visit their website at www.basin-transit.com.

CHILDREN ON CAMPUS

Children are not permitted to attend classes, unless the course necessitates it (e.g., noncredit parenting courses), remain outside a classroom, in the parking lot, in a car, in the student activity center or in the library while their parent/guardian is in class.

On college controlled property, children must be under the direct control of an adult for their safety and security and the safety of others. Campus Security will be called if children are perceived to be unsupervised or unsafe.

PETS/ANIMALS ON CAMPUS

State and local laws prohibit animals on campus at any time except service animals (dogs) used to assist disabled persons. The Humane Society removes animals at owners' expense. Students who violate this law are subject to disciplinary action.

Service Animals

Board Policy & Administrative Procedure 3440

According to the Americans with Disabilities Act (ADA), a service animal is defined as "a dog or miniature horse individually trained to work or perform tasks for the benefit of an individual with a disability, including, but not limited to, guiding individuals with impaired vision, alerting individuals to an impending seizure or protecting individuals during one, and alerting individuals who are hearing impaired to intruders, or pulling a wheelchair and fetching dropped items". Other species of animals, whether wild or domestic, trained or untrained, are not service animals for the purposes of this definition.

Service animals may accompany a person with a disability on campus. If there are any questions as to whether an animal qualifies as a service animal, a determination will be made by ACCESS Services and the Dean of Student Services.

Emotional Support Animals

Emotional Support Animals are a category of animals that provide necessary emotional support to an individual with a significant mental health disability that alleviates one or more identified symptoms of an individual's disability, but which are not considered service animals under the ADA. It is the District policy individuals are generally prohibited from having an emotional support animal on campus.

Student inquiries regarding emotional support animals should be directed to the ACCESS Coordinator. Employee inquiries regarding emotional support animals should be directed to Human Resources. The appropriate department will consider a request for an individual with a significant mental health disability to have an emotional support animal on campus as a reasonable accommodation through an interactive process.

SMOKING IN DISTRICT FACILITIES

Board Policy 3555

In the interest of promoting the health and well-being of District students, staff and visitors and to maintain the safety of District facilities, it shall be the policy of the Copper Mountain Community College District to prohibit smoking in all indoor facilities and in District vehicles. Smoking is only permitted in designated smoking areas around campus.

ATTENDANCE

First Class Meeting

It is extremely important for students to attend the first class meeting. Instructors may drop students who do not attend the first class meeting. In online classes, a student must complete substantive work as specified by their instructor by the date and time listed in the schedule of classes. If a student is dropped for nonattendance, it is the student's responsibility to verify any dropped classes and to re-register during the add period.

Class Attendance

A student is expected to attend all class sessions. It is the student's responsibility to contact their instructor(s) regarding any absence. The acceptance of an excuse for absence or official leave of absence (see "Leaves of Absence" below) is at the discretion of the individual instructor. When absences are excused due to personal illness or the serious illness or death of a family member, a field trip, or an authorized absence on behalf of the college, all work assignments to be made up must be described by the instructor to the student in advance of the absence when possible. It is the student's responsibility to make up all class work missed to the standards of the course.

Extenuating Circumstances

If a student encounters unusual circumstances that will cause excessive absences during a semester, but still wishes to remain enrolled and complete the semester, the student must contact each instructor for permission. Faculty may occasionally request that the Dean of Student Services verify the extenuating circumstances before they make a decision. If the circumstances are so severe that the student is away from the area and unable to contact instructors, Academic Services may be able to assist.

Leaves of Absence

Students who have a need to withdraw for a short time, but who wish to retain their status in class(es) and resume work before the end of the current semester, should consult with each of their instructors. If students must depart suddenly, as in a family emergency, they should write the Dean of Student Services as soon as possible requesting a leave to be away from class(es).

ACADEMIC REGULATIONS

CLASSIFICATION AND NUMBERING OF COURSES

There are three (3) types of courses/classes offered by Copper Mountain College:

1. **Credit Courses:** Courses numbered 001-299 are credit courses. A credit course is a part of an approved educational program or major. The credit awarded by Copper Mountain College for completion of most courses is accepted as a completion of a portion of an appropriate educational sequence leading to an Associate Degree or Baccalaureate Degree by the University of California, the California State University or an accredited independent college or university. A few foundational courses in basic skills are offered for credit but do not count toward completion of a program or major.
2. **Noncredit Courses:** Courses numbered 300 and up are noncredit courses. These courses generally provide basic skills, tutoring or training and are not applicable toward graduation.
3. **Community Education Programs:** Classes are designed for students whose primary motive for activity and learning is personal enrichment. Community Education classes carry no units and generate no transcripts. For more information call Academic Services at (760) 366-3791, ext. 5402.

Common Course Numbering (CCN)

Beginning in Fall 2025, the Common Course Numbering (CCN) system—mandated by the state under initiative AB 1111—will be implemented to simplify student transfers and establish uniform course numbering across all California Community Colleges.

Currently in **Phase 2B**, the CCN initiative focuses on aligning course numbers for general education and transfer pathway courses. The system is designed to ensure that comparable courses across community colleges share the same course number, thereby streamlining the transfer process to four-year institutions and helping students avoid accumulating excess credits.

Courses designated as part of the CCN system will include a **"C" in their course numbers** (e.g., ENG 003A became ENGL C1000). Additionally, **some subject area prefixes will change** to meet statewide standards (e.g., PS became POLS).

All changes—including updated course numbers and prefixes—will be **clearly noted in the class schedules and course catalogs** to help students identify and navigate the transition with ease

STATE AUTHORIZATION FOR DISTANCE EDUCATION

According to the U.S. Department of Education, Federal Regulation Chapter 34, § 600.9(c), "If an institution is offering postsecondary education through distance or correspondence education to students in a State in which it is not physically located or in which it is otherwise subject to State jurisdiction as determined by the State, the institution must meet any State requirements for it to be legally offering postsecondary distance or correspondence education in that State. An institution must be able to document to the Secretary the State's approval upon request." Copper Mountain College reserves the right to restrict access to distance education courses for students who reside in a State in which CMC does not obtain state authorization.

Authority Cited: U.S. Department of Education, Federal Regulation Chapter 34, § 600.9(c)

TRANSFERABLE COURSES

Please see page 93 for information.

CHANGES IN TRANSFERABLE CREDIT

As new courses are added or changes are made to current courses, University of California (UC) transfer credit may not be applicable until UC has approved these changes.

Students should consult with a counselor early in their first semester at CMC and every semester thereafter. Counselors will help to ensure that students remain on track for graduation and transfer. Transfer eligibility may vary between institutions. Counselors will advise students of important requirements and keep students apprised of any changes.

COURSE PREREQUISITES, COREQUISITES, ADVISORIES AND OTHER ENROLLMENT LIMITATIONS

Board Policy 4260

Complete course prerequisites, corequisites, and advisories are listed in this catalog after the course descriptions. These requirements are intended to ensure students a reasonable chance of success. Questions regarding course eligibility should be discussed with your faculty advisor or counselor.

A **Prerequisite** is a course or courses, skills, or a body of knowledge that students should possess prior to enrolling in a course or program. Prerequisites indicate the Copper Mountain College course which must be taken prior to enrollment in a given course. (In A,B,C,D sequences, A is the prerequisite to B, etc.) Prerequisite requirements must be met before enrollment is permitted.

A **Corequisite** is a course or courses students are required to take simultaneously in order to enroll in another course. Corequisite represents a set of skills or a body of knowledge students must acquire through concurrent and continued enrollment in another course or courses in order to receive a "C" or better in the course requiring the corequisite.

An **Advisory** is listed in a course description to indicate that greater success in the course is likely if a student possesses certain skills, experiences, or a body of knowledge indicated in the advisory. Without the advisory knowledge, it is still expected that most students could receive a satisfactory grade in the course.

The District has a process for the establishment, review, and challenge of prerequisites, corequisites, and advisories on recommended preparation, and certain limitations on enrollment in a manner consistent with law and good practices. The following regulations apply:

1. All computation and communication skill prerequisites will be established on a course by course basis.
2. The District will provide sufficient number of corequisite sections to accommodate students or the requirement will be waived for individual students for whom space is not available.
3. Students must satisfy prerequisite or corequisite requirements by successful completion of the appropriate course or multiple-measurers assessment.
4. A student may challenge the requirement of prerequisites or corequisites. Check with Academic Services for details.

Limitations of Enrollment

Board Policy 4260

Restrictions on enrollment may be imposed due to the nature of the course such as prerequisites, corequisites, honors, or public performance. Restrictions may also be imposed due to health and safety considerations, facilities limitations, faculty workload, the availability of qualified instructors, funding limitations, the constraints of regional planning, legal requirements imposed by statutes, regulations, or contracts, or other such limitations as designated by the District. These limitations will be published in the class schedule and catalog.

The District has established procedures by which any student who does not meet a prerequisite or corequisite or who is not permitted to enroll due to a limitation on enrollment, but who provides satisfactory evidence, may seek entry into the class according to a challenge process.

Any prerequisite or corequisite may be challenged by a student on one or more of the following grounds:

1. The prerequisite or corequisite has not been established according to the District's process of establishing prerequisites and corequisites.
2. The prerequisite or corequisite violates Title 5, Article 1, Section 55003 (Policy for Prerequisites, Corequisites & Advisories).
3. The prerequisite or corequisite is either unlawfully discriminatory, or is being applied in an unlawfully discriminatory manner.
4. The student has the knowledge or ability to succeed in the course or program despite not meeting the stated prerequisite or corequisite.
5. The student will be subject to undue delay in attaining the goal stated in the student's educational plan because the prerequisite or corequisite course has not been made reasonably available.

The determination of whether a student meets a prerequisite or corequisite shall be made prior to the student's enrollment in the course.

The student is responsible and bears the burden for showing that grounds exist for the challenge. The challenge must be made in writing to the Dean of Instruction prior to the student's enrollment in the challenged course.

Challenges shall be resolved by the appropriate faculty within five (5) school days of the receipt of the challenge.

If space is available in a course when a student files a challenge, the District shall reserve a seat for the student and the student is assured a seat in the class if the challenge is ultimately upheld. If no space is available in the course when a challenge is filed, and if the challenge is upheld, then the student shall be permitted to enroll for the subsequent term.

COURSE UNITS AND STUDENT LOADS

Unit of Credit - 16 Week Courses

A "unit of credit" given to a course is based on the widely used and accepted Carnegie Unit. It is a measure of time and study devoted to a course. One credit unit is 16-18 hours of lecture or 48-54 hours of lab, spread out over the session of the course section. Many courses are made up of a combination of lecture sessions and laboratory sessions.

Maximum Number of Units

A normal class load for Fall and Spring semesters is considered to be 12-17 units plus an activity class in physical education. Students working full-time are encouraged to carry a reduced load. Students with advanced standing, and having a "C" average or better are permitted to enroll in 19 units plus physical education. (During the Summer session, all students are limited to 8 units.)

Students wishing to obtain a variance from these limitations may petition the Dean of Student Services.

Minimum Number of Units

Category	Minimum Units
ASCMC Officers	5
Athletes	12
CARE Students	12
EOPS Students	12
Veterans' Benefits Recipients:	Varies by Program
Financial Aid Recipients:	
Full-time	12
3/4-time	9
Half-time	6

ENROLLMENT CLASSIFICATION OF STUDENTS

Freshman: A community college student who has completed fewer than 30 units of college credit.

Sophomore: A community college student who has completed 30 or more units of college credit.

Post-Graduate: A student who has been awarded a degree and has enrolled for further study.

Full-Time: A student enrolled for 12 or more credit units. A student enrolled for 6 or more units during the Summer term and 5 units for the Winter term.

Part-Time: A student enrolled for fewer than 12 credit units. A student enrolled for fewer than 6 units during the Summer term and fewer than 5 units for the Winter term.

GRADING SYSTEM

Title 5 (§55023 and 55024)
Administrative Policy 4230

Grades from a grading system shall be averaged on the basis of the point equivalencies to determine a student's grade point average using the following Grading System:

Credit Course Grading System

Symbol	Definition	Grade Point
A	Excellent	4
B	Good	3
C	Satisfactory	2
D	Less than satisfactory	1
F	Fail	0
W	Withdrawal	0
I	Incomplete	0

(Grade points are determined once the final grade is entered)

MW	Military Withdrawal	0
EW	Excused Withdrawal	0
CR:	Credit (at least satisfactory; units awarded, but not counted in GPA)	
NC:	No Credit (less than satisfactory, or failing; units not counted in GPA)	

NON-EVALUATIVE SYMBOLS

The following non-evaluative symbols may appear on official college transcripts, but are not factored into the semester's GPA:

I – Incomplete: Incomplete academic work for unforeseeable, emergency and justifiable reasons. The condition for the removal of the "I" shall be stated by the instructor in a written record. The record shall contain the conditions for the removal of the "I" and the grade assigned in lieu of its removal. The record must be given to the student with a copy on file with the registrar until

the "I" is made up or the time limit has passed. A final grade shall be assigned when the work stipulated has been completed and evaluated, or when the time limit for completing the work has passed. The "I" may be made up no later than one year following the end of the term in which it was assigned. The"I" symbol shall not be used in calculating units attempted nor for grade points.

CIP – Course In Progress: The "CIP" symbol shall be used only in courses which extend beyond the normal end of an academic term. It indicates that work is "in progress," but that assignment of an evaluative symbol (grade) must await its completion. The "CIP" symbol shall remain on the student's permanent record in order to satisfy enrollment documentation. The appropriate evaluative symbol (grade) and unit credit shall be assigned and appear on the student's permanent record for the term in which the course is completed. The "CIP" symbol shall not be used in calculating grade point averages. If a student enrolled in an "open-entry, open-exit" course is assigned a "CIP" and does not re-enroll in that course during the subsequent term, the appropriate faculty will assign an evaluation symbol to be recorded on the student's permanent record for the course.

RD – Report Delayed: The "RD" symbol may be assigned by the registrar only. It is to be used when there is a delay in reporting the grade of a student due to circumstances beyond the control of the student. It is a temporary notation to be replaced by a permanent symbol as soon as possible. "RD" shall not be used in calculating grade point averages.

W – Withdrawal: The "W" is a mark assigned to students who withdraw after 30 percent, or the fourth week of the term (whichever is less), and prior to 75 percent of the term. Withdrawal after the 75 percent point is not possible.

EW – Excused Withdrawal: The "EW" occurs when a student withdraws from a course compelled by circumstances beyond their control. The non-evaluative symbol permits the District/college to avoid penalizing students by excluding them from progress notice and pause calculations. Excused withdrawal shall not be counted toward permitted number of withdrawals or counted as an enrollment attempt. The intent is to allow students the ability to drop courses without penalty due to extenuating circumstances, including but not limited to: Job transfer outside the geographical region; Illness in the family where the student is the primary caregiver; The student is the subject of an immigration action; Death of an immediate family member; Chronic or acute illness; Verifiable accidents; or Natural disasters directly affecting the student. Financial Aid Note: For financial aid purposes, Excused Withdrawals are counted as attempted but not completed in Satisfactory Academic Progress (SAP) and may impact aid eligibility. Students who withdraw from all courses may be subject to a Return of Title IV Funds review.

MW – Military Withdrawal: "MW" occurs when a student who is a member of an active or reserve United States Military Service receives orders compelling a withdrawal from a term. Upon verification of such orders, a student can petition to withdraw from classes and when authorized, the student will be withdrawn with a "MW", military withdrawal, designation on transcript. A military withdrawal will not be used in calculating a grade-point average or for progress notice.

For financial aid purposes, some non evaluative grades are counted as attempted but not completed in federal Satisfactory Academic Progress (SAP) and may impact eligibility for aid.

Noncredit Course Grading System for Adult Education

P – Pass (course was completed and is at least satisfactory)
NP – No Pass (course was completed and student failed)
CIP – Course work is in progress and the student is expected to re-enroll in the course again in the next term.

Noncredit Course Grading System for Career Technical Education

The default grading system for noncredit courses is P/NP. A student may request a letter grade option. The letter grades earned in noncredit courses do not count toward student GPA calculations and no college credit is earned. Grade symbols available for noncredit CTE courses are:

A – Excellent
B – Good
C – Satisfactory
P – Pass (course was completed and is at least satisfactory)
D – Less than satisfactory
F – Fail
NP – No Pass (course was completed and student failed)
CIP – Course work is in progress and the student is expected to re-enroll in the course again in the next term.
I – Incomplete
W – Withdrawal

GRADE POINT AVERAGE

The grade point average (GPA) is computed by dividing all units attempted into all grade points received. The following example illustrates the grade point average calculation.

Course	Units	Grade	Grade Per Unit	Points For Class
ENGL C1002	3	B	3	9
ART 010	3	A	4	12
HE 001	3	C	2	6
BIOL C1001	3	B	3	9
BIOL C1001L	1	B	3	3
HIST C1001	3	A	4	12
Totals	**16**			**51**

Total Grade Points (51),
divided by Total Units Attempted (16),
equals Grade Point Average (3.1875 GPA).

GRADE RESPONSIBILITY

The designated student grade responsibility date shall occur on the last day of the fourteenth week of instruction or at the 75 percent point of a semester or session, whichever is less. Students who do not withdraw by the deadline indicated in the class schedule will receive a grade of A, B, C, D, F, CR or NC. All grades become a part of the student's permanent record.

Where cases of extenuating circumstances exist, a student or their representative may petition to be allowed to withdraw from a class or classes before or after the grade responsibility date. The petitioning process is to commence with the Dean of Student Services. Extenuating circumstances include cases of accidents, illnesses, or other circumstances beyond the control of the student which prevent them from completing the class or classes. Where such withdrawals are approved, the symbol "EW" may be granted.

GRADE CHANGE POLICY

The college has a grading policy and procedures to be followed when issuing grades and when grades are to be changed.

1. The instructor of record for the class has the right to issue a letter grade to a student. Once a grade has been given, that grade is final.
2. A change of grade may be made in only one of two ways:
   A. An INCOMPLETE (I*) is changed to a final grade. See GRADING SYSTEM, Non-Evaluative Symbols for definition and limitations.
   B. GRADE CHANGE (California Code of Regulations, Title 5 § 55025) In any course of instruction in a community college district for which grades are awarded, the instructor of the course shall determine the grade to be awarded each student in accordance with California Code of Regulations, Title 5 § 55760 of this chapter. The determination of the student's grade by the instructor shall be final in the absence of mistake, fraud, bad faith, or incompetency. Procedures

for the correction of grades given in error shall include expunging the incorrect grade from the record.

3. The Dean of Instruction shall approve all Change of Grade and Incomplete Grade forms based upon the Grading Policy adopted by the Board of Trustees.
4. All requests for Grade Changes that do not adhere to the Grading Policy shall be returned to the instructor submitting the request.

GRADE APPEALS PROCEDURE

The student shall first attempt to solve the problem with the instructor involved. If the problem is not solved, the student may follow the steps outlined in the Grade Grievance Procedure.

GRADE GRIEVANCE PROCEDURE

By law, an instructor is solely responsible for the grades assigned; no instructor may be directed to change a grade except in certain narrow circumstances authorized by the California Education Code, Section 76244(a), which reads as follows: "When grades are given for any courses of instruction taught in a community college, the grade given to each student shall be that determined by the instructor of the course and its determination, in the absence of mistake, fraud, bad faith, or incompetency, shall be final."

When a student believes that the District grading policy has not been followed, and that the grade received in class was the result of "mistake, fraud, bad faith, or incompetency," the student MUST discuss this concern with the course instructor by the end of the fourth week of the following semester. Any student who is not satisfied after meeting with the instructor, may choose to pursue a grievance.

FRAUD: A deliberate misrepresentation of the truth or a fact used to take money, rights, or other privilege or property away from a person or persons may be found to be fraud.

BAD FAITH: Bad faith may be found in an instance of an intent to deceive, in an act of dishonesty.

INCOMPETENCY: Incompetency may be found in a lack of ability, qualifications, fitness, or performance.

If a student files a grade grievance in accordance with the definitions and procedures described herein, and if, following the grievance procedures, it is found that the grade assigned has in fact been the result of "mistake, fraud, bad faith, or incompetency," then a new grade will be assigned, and that grade will become the final grade.

The student must observe the following procedures. The procedures must be completed by the end of the following semester (excluding Summer School) during which the cause for grievance occurred.

LEVEL 1: Prior to filing a Petition for Grade Change, the student must attempt to solve the problem. When grades are available, the student is expected to contact their instructor directly to discuss their differences not later than the fourth week of the following semester. At this stage most differences will be resolved. This contact should be conducted in the privacy of the instructor's office whenever possible, and the pertinent issues should be well defined so that they may be discussed as objectively as possible.

If the problem cannot be resolved at this level, after informing the instructor of their intent to file a Petition for Grade Change, the student may progress to Level 2.

LEVEL 2: The student submits a Petition for Grade Change to the Academic Services and may request a meeting with the Dean of Instruction. The Petition for Grade Change must include, in detail, the student's basis for initiating the grievance. The student shall submit the Petition for Grade Change within five (5) school days after meeting with the instructor. The Dean of Instruction shall meet with the instructor and student (if requested) within five (5) school days of reception of the Petition accompanied by all supporting data supplied by the student in an attempt to resolve the issue at this level. Any such meeting regarding a grade grievance will be closed to all observers.

At this level, if the issue can be resolved to the satisfaction of the instructor and student, and the action to be taken is to change a grade due to a mistake, fraud, bad faith, or incompetency, the incorrect grade shall be removed from the student's record. Within two (2) school days, the decision and proposed action of the supervisor will be communicated in writing with copies to the student involved, the faculty member involved, the Dean of Instruction or designee, and the Office of Student Services.

If the problem cannot be resolved at this level, after informing the instructor and supervisor of their intent, the student may progress to Level 3.

LEVEL 3: The student requests a meeting with the Chief Instructional Officer to resolve the grievance. The student must include the original Petition for Grade Change and all supporting documentation. The student shall initiate this request within five (5) school days after meeting with the Dean and instructor. The Chief Instructional Officer shall meet with the instructor and student within five (5) school days of reception of the Petition for Grade Change accompanied by all supporting data supplied by the student in an attempt to resolve the issue at this level. Any such meeting regarding a grade grievance will be closed to all observers.

At this level, if the issue cannot be resolved to the satisfaction of the instructor and student, the Chief Instructional Officer assumes the responsibility for arriving at a decision regarding the validity of the grievance and appropriate action to be taken. If the action to be taken is to change a grade due to a mistake, the incorrect grade shall be removed from the student's record. Within two (2) school days, the decision and proposed action of the Chief Instructional Officer will be communicated in writing with copies to the student involved, the faculty member involved, the Dean, and the Office of Student Services. The Chief Instructional Officer's decision completes and exhausts the Copper Mountain Community College District's Grade Grievance Procedure.

The Superintendent/President or designee may shorten or lengthen the times specified in these procedures. The intent, however, is to ensure that each and every step will take place as expeditiously as possible.

ACADEMIC HONORS

President's List

Students earning 12 or more units in a semester at CMC with a grade point average of 3.50 or better are cited on the "President's List" which is the highest academic honor in the college.

Honor Roll

Students earning 12 or more units in a semester at CMC with a grade point average between 3.00 and 3.49 are listed on the "Honor Roll".

GRADUATION WITH HONORS

The District recognizes academic accomplishment by awarding associate degrees with Highest Honors, High Honors, and Academic Distinction designations. All degree applicable work from all transfer colleges attended will be included in the computation of the cumulative grade point average for graduation honors.

To recognize academic accomplishment, students completing associate degree programs with prescribed cumulative grade point averages are to be recognized through the college commencement exercises and diplomas awarded as honor students.

Academic Renewal requests prior to graduation will not be processed for graduation honors.

Academic honors are awarded as follows:

Honor	Cumulative GPA
Highest Honors	3.90 - 4.00
High Honors	3.75 - 3.89
Academic Distinction	3.50 - 3.74

NOTICE, PAUSE, AND REINSTATEMENT

Board Policy 4250

Notice, pause, and reinstatement policies and procedures are designed to assist students in making progress toward realistic academic, career, and personal goals.

Standards for Notice

Good Standing: A student is without standing prior to completing 12 semester units with evaluative grade marks. Thereafter, the student is in Academic Good Standing with a term and cumulative grade point average of 2.0 or above. A student is in Progress Good Standing when the student received evaluative or non-evaluative grade marks in a total of at least 12 semester units and the percentage of all units in which the student enrolled, for which entries of “W”, “I”, “NC”, and “NP” were recorded is below 50 percent.

Notice: A student shall be placed on academic notice if they received evaluative grade marks in a minimum of 12 semester units of work and has a term or cumulative grade point average of less than a "C" (2.0).

A student shall be placed on progress notice if they received evaluative or non-evaluative grade marks in a total of at least 12 semester units and the percentage of all units in which the student has enrolled, for which entries of "W", "I", "NC", and “NP” were recorded reaches or exceeds 50 percent.

A student on academic notice shall be in Academic Good Standing when the student's term and cumulative grade point average is 2.0 or higher upon completing 12 semester units with evaluative grade marks. A student on progress notice shall be in Progress Good Standing when the percentage of units in the categories of "W", "I", "NC", and “NP” drops below 50 percent.

Notice effects of Promise Grant eligibility: After 2 consecutive unsuccessful semesters, students will lose their Promise Grant eligibility. Contact Financial Aid for appeal information.

Transfer Students: Students transferring to Copper Mountain College from another college are subject to the same notice and pause policies as Copper Mountain College students.

Notification of Notice and Enrollment Limitations

The college shall make a reasonable effort to notify a student subject to notice at or near the beginning of the semester in which the notice will take effect but, in any case, no later than the start of the next fall semester. As a condition of continuing enrollment, a student placed on notice is to receive individual counseling, including the regulation of their academic program. Also each student shall be referred to other support services to help them overcome any academic difficulties. Prior to registration, a student on notice must have counselor approval of their educational program and intended course enrollment. Students who register before grades are known and are later found to be in a notice category, will be contacted for an appointment with a counselor before next-term enrollment can be permitted.

Students who are on notice are at risk of Disqualification status and pause without noticeable improvement in the semester immediately following notice. Disqualified students lose all priority registration privileges and enroll after all other students. Beginning Fall semester of 2016, students who lose priority registration privileges may also lose the Promise Grant. Appeals may be filed through Financial Aid.

Standards for Pause

A student who is on academic notice shall be subject to academic pause if the student has earned a cumulative grade point average of less than 2.0 in all units receiving evaluative grade marks in each of two of the student’s consecutive terms of enrollment or their cumulative grade point average in all units receiving evaluative grade marks remains below 2.0.

A student who is on progress notice shall be subject to progress pause if the cumulative percentage of units in which the student has been enrolled for which entries of "W", "I", "NC", and “NP” are recorded in at least two of the student’s consecutive terms of enrollment reaches or exceeds 50 percent or the cumulative percentage of units in all units with the above entries reaches or exceeds 50 percent.

A student who is subject to pause may submit a written appeal in compliance with administrative procedures.

Disqualified students lose all priority registration privileges and enroll after all other students. Beginning Fall semester of 2016, students who lose priority registration privileges may also lose the Promise Grant. Appeals may be filed through Admissions & Records.

Notification of Pause and Appeal

The college shall make a reasonable effort to notify a student subject to pause at or near the beginning of the semester in which the pause will take effect.

The student has the right to appeal a proposed pause action if the student feels that facts exist that warrant an exception to the pause action. The student must file the written petition appeal to the Dean of Student Services within five college work days after the pause letter was electronically mailed. It is the student's responsibility to indicate on the petition a clear statement of the grounds on which continued enrollment should be granted and to provide evidence supporting the reasons. Pause appeals may be granted under the following circumstances:

- If the pause determination is based on the academic record for one term in which the record does not reflect the student's usual level of performance due to accident, illness, or other circumstances beyond the control of the student. Verification should be submitted with the appeal.
- When there is evidence of significant improvement in academic achievement.

Petitions will be reviewed by the Dean of Student Services. The Dean of Student Services office is located in Office of Student Services, McDonald Hall, 300 Quad.

The student will be continued on notice until the Dean of Student Services decides on the student's appeal.

The decision of the Dean of Student Services will be communicated to the student in writing and may be delivered to the student’s electronic address identified in the student’s record, or if no electronic address is identified, the communication will be sent to the physical address identified in the student’s record (P.O. Box or street address). The decision of the Dean of Student Services is final.

If the pause appeal is granted, the student will be continued on notice for an additional term. At the end of the additional term, the student’s academic record will again be evaluated to determine whether

the student may be removed from notice, should be dismissed, or should be continued on notice.

Students on pause will lose California Promise Grant eligibility.

Reinstatement

A student applying for reinstatement shall not be reinstated until a minimum of two terms have elapsed. In considering whether or not students may be reinstated after a pause and two terms absence, the following criteria should be considered:

- Documented extenuating circumstances (considered during appeal).
- Documentation of circumstances or conditions which justify reinstatement, including steps taken to resolve issues leading to the pause.
- Documentation of plans to achieve Good Standing and academic success, including an education plan, college finance plan, and academic support plan.

A student who is on academic or progress pause and is reinstated, may be subject to enrollment restrictions, including, but not limited to, credit enrollment limitations, course repetition requirements, progress reports from faculty, or other activities or restrictions identified in a student contract. Contact Admissions & Records for appeal information.

REPETITION OF COURSES

Substandard Grades

The District permits a student who has earned grades of "D", "F", and/or "NC" to repeat these courses. A student may repeat the course one time and receive a new grade and credits. The previous grade and credits are disregarded in the computation of grade point average and credits and appropriate annotation is made on the student's permanent records in such a manner that both grades remain legible, ensuring a true and complete academic history.

Under certain extenuating and documented circumstances, a student who has taken a class three times and received three non-passing grades each time ("F", "D", "W", or "NC") the student may petition for another opportunity (a fourth and final time) to pass the course. The student must appeal in writing with appropriate documentation of the extenuating circumstances well in advance of registration. The appeal should be directed to the Dean of Student Services.

Students with Disabilities

Students with disabilities can repeat a special class for students with disabilities ("ACC" ACCESS) any number of times when an individualized determination by ACCESS verifies that such repetition is required as a disability-related accommodation for the student for one of the reasons specified in Title 5 Section 56029.

Grades of "C" or Better

The California Community College Chancellor's Office does not allow students to repeat a passed course, i.e. received a grade of "A", "B", "C", or "CR" unless all the following three things occur: "a **significant** lapse in time* (§§ 55040(b)(3), 55043), a **significant** change in industry or licensure standards (§ 55040(b)(9)), **and** the student must take the course again for employment or licensure (§ 55040(b)(9))." The latter requires "A letter from the student's current or prospective employer stating that the student must take the course again for employment coupled with documentation of the significant change in the industry standard since the student last took the course is an example of adequate documentation." Also: The significant lapse of time exception cannot be used if the student earned a non-passing grade ("F", "D", "W", or "NC") the last time they enrolled in the course.

*A significant lapse in time is defined as three academic years.

Work Experience

Pursuant to section 55253, the District permits students to enroll multiple times in a work experience course, as long as the course is not offered as a variable unit; the student is permitted to enroll in the course again if the student does not exceed a total of 16 semester credit hours in general work experience education, including occupational work experience education; and the student does not exceed the maximum of eight credit hours earned in one enrollment period in work experience education.

Grade/credit: Each grade received by the student in the work experience course must be included in the calculation of the student's grade-point average. (§ 55040(b)(6).)

ACADEMIC RENEWAL POLICY

Title 5 (§55046)
Administrative Policy 4240

A student may petition to have units taken eliminated from the computation of their cumulative grade point average. If the petition for academic renewal is granted, the permanent record of the student will be annotated so that it is evident to all users of the record that no units for work covered by academic renewal will apply toward graduation or other educational objectives. All courses, units, and grades shall remain legible on the permanent record to ensure a true and complete academic record of the student's college courses.

Request For Academic Renewal

Students may petition to have their academic record reviewed for academic renewal of substandard academic performance under the following conditions:

Student must achieve:

- 15 semester units with a minimum of a 3.0 GPA, or
- 30 semester units with a minimum of a 2.5 GPA, or
- 45 semester units with a minimum of a 2.0 GPA

At least 12 months must have elapsed from the time the course work to be removed was completed.

Completion of the required units and GPA will be based on evidence from official transcripts from an accredited academic institution.

A total of 18 units of coursework may be eliminated from consideration in the cumulative grade point average. The student may request academic renewal only once.

Academic renewal actions are irreversible. When academic renewal procedures permit previously recorded substandard coursework to be disregarded in the computation of a student's grade point average, the student's permanent academic record should contain an accurate record of all coursework to ensure a complete academic history.

Academic renewal procedures may not conflict with the District's obligation to retain and destroy records, or with the instructor's ability to determine a student's final grade.

The request for academic renewal shall be directed to the Dean of Student Services.

CREDIT FOR PRIOR LEARNING

Board Policy and Administrative Procedure 4235

Students may demonstrate proficiency in a course eligible for Credit for Prior Learning and receive college credit through the approved alternative methods for awarding credit listed below:

- Achievement of a satisfactory score on an Advanced Placement (AP) examination.
- Achievement of a satisfactory score on a high level International Baccalaureate (IB) examination.
- Achievement of a satisfactory score on the College Level Examination Program (CLEP).
- Evaluation of Joint Service Transcripts (JST).
- Achievement of an examination administered by other agencies approved by the District.

- Evaluation of industry-recognized credential documentation.
- Evaluation of student-created portfolios.
- Satisfactory completion of an institutional examination, known as Credit by Examination, administered by the college in lieu of completion of an active course listed in the current college catalog.

Determination of Eligibility for Credit for Prior Learning

- The student must have previously earned credit or noncredit from the District or be currently registered in the District.
- Current students must have an education plan on file.
- The course is listed in the current college catalog.
- The student is not currently enrolled in the course to be challenged.
- Credit by Examination: The student is registered in the District, in good standing, and not currently enrolled in nor received credit for a more advanced course in the same subject (may be waived by department).

Credits acquired by examination are not applicable to meeting of such unit load requirements as Selective Service deferment, Veterans, or Social Security benefits.

Credits acquired by examination shall not be counted in determining the 12 semester hours of credit in residence required for an associate's degree.

Prior Learning Determination and Assessment Grading Policy

- Discipline faculty shall determine credit eligibility for all Credit for Prior Learning and credit by exam methods.
- Once an equivalency has been established, it shall be recorded with the Admissions & Records office and granted to subsequent students who also qualify.
- Grading shall be according to the regular grading system in accordance with AP 4230 - Grading and Academic Record Symbols.
- Students shall be offered a "Pass/No Pass" option, in accordance with AP 4232 - Pass/No Pass Grading Option, if that option is ordinarily available for the course.
- The Academic Senate shall ensure that discipline faculty have primary purview for granting credit course equivalency.

Transcription of Credit for Prior Learning

The student's academic record shall be clearly annotated to reflect that credit was earned by assessment of prior learning

Transcription of Credit by Exam

The student's academic record shall reflect credit for the course for which a challenge exam was successfully passed as though the student had taken the class in a normal setting

Credit for Military Service/Training

Students interested in Credit for Prior Learning using Joint Service Transcripts shall receive credit as recommended by the American Council on Education (ACE) Directory, and approved by the appropriate discipline faculty of the college under the following circumstances:

- The student shall complete the Credit for Prior Learning assessment petition available in the Counseling or Admissions & Records Office.
- Honorably discharged individuals who have held Military Health Care Occupations equal but not limited to [Basic Medical Technician Corpsman (Navy HM or Air Force BMTCP), Army Health Care Specialist (68W Army Medic) or Air Force Independent Duty Medical Technician (IMDT 4N0X1C)] may apply for Advanced Placement into RN Program according to the TRAINED MILITARY HEALTHCARE PERSONNEL CHALLENGE/ADVANCED PLACEMENT ADMISSION POLICY. For more information, visit the registered nursing website or contact CMC's Nursing Department.
- Official transcripts must be on file in the Records Office. These may include Joint Services Transcript (JST), Sailor/Marine American Council on Education Registry Transcript (SMART), Army and American Council on Education Registry Transcript Service (AARTS), Community College of the Air Force (CCAF), Coast Guard Institute (CGI), DANTES/USAFI, Defense Language Institute Foreign Language Transcripts (DLIFLC), Defense Manpower Data Center (DMDC), DLPT Examinee Results, DA Form 330 Language Proficiency Questionnaire, or verified copies of DD214 or DD295 military records.

Industry Recognized Credentials

Students interested in Credit for Prior Learning using industry recognized credential(s) shall receive credit as recommended by the appropriate faculty designee:

- The student shall complete the Credit for Prior Learning assessment petition available in the Counseling or Admissions & Records office.
- Enrollment services shall grant credit for industry recognized credential(s) that have already been evaluated and approved by the appropriate faculty designee.
- If an industry recognized credential(s) has not yet been evaluated and approved by the appropriate faculty according to the process established by Academic Senate.
  - The student contacts the faculty designee to receive further instructions for industry recognized credential(s) assessment.
  - The student submits all industry recognized credential documents to the faculty designee for assessment of prior learning.
  - If the faculty designee determines the industry certification adequately measures mastery of the course content as set forth in the Course Outline of Record, the appropriate faculty shall sign the petition with the recorded grade, attach the industry recognized credential(s), and forward the completed petition and supporting documents to the Admission & Records Office to be kept on file and recorded on the student transcript.
- Students shall be given the opportunity to accept, decline, or appeal the grade assigned by the faculty, and in cases of Credit by Examination, pursuant to AP 4230 Grading and Academic Record Symbols and AP 4231 Grade Changes.

Advanced Placement

See AP 4236 Advanced Placement Credit

International Baccalaureate

Students requesting Credit for Prior Learning using International Baccalaureate shall receive credit for completing a satisfactory score on a District approved high-level International Baccalaureate (IB) examination according to the Academic Senate approved IB table published in the catalog and on the college website under the following circumstances:

- Official IB transcripts must be on file in the Admissions & Records Office.
- The student achieved a minimum acceptable score on the IB examination a recommended by the District's IB equivalency guide.

College Level Examination Program

Students requesting Credit for Prior Learning using the College Level Examination Program shall receive credit for completing a satisfactory score on a District-approved College Level Examination Program (CLEP) according to the Academic Senate approved CLEP table published in the catalog and on the college website under the following circumstances:

- Official CLEP transcripts must be on file in the Admissions & Records Office.
- The student achieved a minimum acceptable score on the CLEP examination as recommended by the District's CLEP Equivalency Guide.

Student-Created Portfolio Assessment

Students interested in Credit for Prior Learning using a student-created portfolio shall receive credit as recommended by the appropriate faculty designee under the following circumstances:

- A discipline approved portfolio assessment rubric for the course is on file.
- The student shall complete the Credit for Prior Learning assessment petition available in the Counseling or Admissions & Records Office.
- The student meets with the faculty designee to receive further instructions for student-created portfolio assessment.
- The student submits all portfolio documents to the faculty designee for assessment of prior learning.
- If the faculty designee determines the student-created portfolio adequately measures mastery of the course content as set forth in the Course Outline of Record, the faculty designee shall sign the petition with the appropriate grade and forward it to the Admissions & Records Office to be kept on file and recorded on the student transcript.

Credit by Examination/Course Challenge

The faculty designee shall determine whether or not a student requesting Credit by Examination is sufficiently well-prepared to warrant being given this opportunity.

This determination is based upon a review of previous course work and/or experience.

Students wishing to take a course through Credit by Examination are encouraged to informally discuss the matter with the faculty designee and instructor prior to initiating the formal process. All steps must be completed in the order listed or the Petition for Credit by Examination shall not be processed. The Petition for Credit by Examination must be completed prior to the end of the current semester or session.

The District will award college course credit for successful completion of a District examination administered by the appropriate discipline faculty under the following circumstances:

- Achievement of a grade that qualifies for Credit by Examination through the Career and Technical Education (CTE) Transitions program.
- Credit by satisfactory completion of an examination administered by the District in lieu of completion of a course listed in the current catalog.

A student seeking Credit by Exam/Course Challenge must take the following steps *(Current Procedure as listed on Petition to Challenge a Course by Exam for Credit):*

1. Obtain the Credit by Exam/Course Challenge Petition form from Academic Services. Academic Services will "check COR for eligibility". If the course is eligible for Credit by Exam/Course Challenge, Academic Services will return the form to the student. If the course is not eligible, the student cannot proceed with the challenge.
    a. If the course is eligible for Credit by Exam/Course Challenge, the student completes the Credit by Exam/Course Challenge Petition form, attaching any documentation supporting the request.
2. Submit the completed form and supporting documents to Admissions & Records for verification of eligibility.
3. If the student is eligible, Student Services (SS) forwards the petition to the appropriate Dean's office. The Dean's office will contact the instructor. If the instructor agrees to administer the exam or challenge, both the instructor and the Dean will sign the form, and the Dean's office will contact the student. The actual exam-taking process is decided between the instructor and the student.
4. The student receives a copy of the approved petition from the Dean's office and pays the challenge fee.
5. The student will take proof of payment (receipt) to the Dean's office prior to taking the challenge exam.
6. Following the exam or challenge, the instructor informs the Dean's office of the result, and signs the form. Academic Services sends the finalized form to Admissions & Records for entry into the database. Admissions & Records posts credit on the student's transcript, if appropriate.

Special Credit by Exam Process for Articulated High-School Courses

Certain courses at local K-12 Districts are similar to courses offered at Copper Mountain College. Such courses are determined using an articulation process where the CMC discipline faculty reviews the course outline of the high school course. If it is determined that a student would be sufficiently prepared to take a challenge exam (the final exam for the college course), an articulation agreement is put into place and the following procedure and permissions apply:

High School teachers indicate that they would like to make a challenge test available to their students.

Students register for the exam and grant permission for appropriate grade sharing to enable the credit by exam process. CMC discipline faculty provide the exam to the high school teacher and the exam is administered during the high school day on the high school campus.

CMC discipline faculty may elect to grade the challenge exams. In this case, high school teachers then provide the course grade and ungraded exam to the CMC faculty member who marks the exams and determines the appropriate course grade to be included on the college transcript.

CMC discipline faculty may also permit the high school teacher to grade the challenge exams. In this case, high school teachers then provide the course grade and exam grade to the CMC faculty member who reviews the information determines the appropriate course grade to be included on the college transcript.

Articulation agreements are on file in Academic Services.

The CATEMA database system is currently utilized to facilitate the high-school articulated credit by exam process.

INDEPENDENT STUDY PROJECTS

Independent Study is the individualized delivery of a Copper Mountain College course. Independent Study is only available when a course is required for completion of a CMC degree or certificate program and the student is in the final stage of certificate completion or graduation. An educational plan must document progress toward certificate or degree completion. Not available for Independent Study are: Laboratory courses, highly-specialized courses, and repeated course(s). Independent Study is for Fall and Spring semesters only.

The Independent Study assignment is initiated by a request from the student applicant to the primary (full-time) instructor of record. Forms are available from counseling staff in Student Services, 300 Quad, and in Academic Services, 100 Quad. A student must present the Independent Study petition during the first three (3) class meetings of regularly scheduled classes during Fall or Spring semester. In the absence of a full-time department faculty member, the assignment of an instructor to an Independent Study course is the responsibility of the Deans in Academic Services. The learning outcomes, related learning activities, contact hours, and course modality must meet the academic standards and requirements of the course outline of record and related course syllabus.

The student should be notified of the Independent Study petition outcome within one (1) work week after submitting the request.

Completed Independent Study courses must utilize the same grading options as the regular course counter part. A student who has previously failed or otherwise unsuccessfully completed a course may not enroll in the course by means of Independent Study. A student may not repeat a course in the Independent Study format.

A petition requesting Independent Study must follow the procedures outlined on the petition and must be approved by the supervising administrators. All portions of the approval process must be completed prior to the student's registration in the course.

COLLEGE CREDIT FOR ADVANCED PLACEMENT (AP) TESTS

Students may earn credit for College Board Advanced Placement (AP) Tests with scores of 3, 4, or 5. AP credit can be used to meet Copper Mountain College (CMC) GE, California State University (CSU) admissions, CSU GE Breadth, University of California (UC) admissions, and Cal-GETC certification.

Students must have the College Board send official AP exam results to the Admissions & Records Office for use toward the CMC or Cal-GETC GE patterns.

Course credit and units granted at Copper Mountain College may differ from course credit and units granted by a transfer institution.

Advanced Placement (AP) Examination	Passing AP Exam Score	CMC GE Area	Cal-GETC Area for Certification	CSU Semester Credits Earned for Admission	American Institutions and/or CSU GE Breadth Area[1]	UC Quarter Credits Earned for Admission
African American Studies	3	Area 3 or 4 (3 units)	*Not Applicable*	3 units	*Not Applicable*	4 quarter (2.6 semester) units
Art History	3	Area 3 (3 units)	Area 3A or 3B (3 units)	6 units	Area 3A or 3B (3 units)	8 quarter (5.3 semester) units
Art (Studio): 2D Design	3	*(Major or Elective credit only)*	*Not Applicable*	3 units	*Not Applicable*	8 quarter (5.3 semester) units
Art (Studio): 3D Design	3	*(Major or Elective credit only)*	*Not Applicable*	3 units	*Not Applicable*	8 quarter (5.3 semester) units
Art (Studio): Drawing	3	*(Major or Elective credit only)*	*Not Applicable*	3 units	*Not Applicable*	8 quarter (5.3 semester) units
Biology	3	Area 5 (4 units)	Area 5B **AND** 5C (4 units)	6 units	Area 5B **AND** 5C (4 units)	8 quarter (5.3 semester) units
Calculus AB	3	Area 2 (3 units)	Area 2 (3 units)	3 units	Area 2 (3 units)	4 quarter (2.6 semester) units
Calculus BC	3	Area 2 (3 units)	Area 2 (3 units)	6 units	Area 2 (3 units)	8 quarter (5.3 semester) units
Calculus BC/AB Subscore	3	Area 2 (3 units)	Area 2 (3 units)	3 units	Area 2 (3 units)	*Not Applicable*
Chemistry	3	Area 5 (4 units)	Area 5A **AND** 5C (4 units)	6 units	Area 5A **AND** 5C (4 units)	8 quarter (5.3 semester) units
Chinese Language & Culture	3	Area 3 (5 units)	Area 3B (3 units)	6 units	Area 3B (3 units)	8 quarter (5.3 semester) units
Comparative Government & Politics	3	Area 4 (3 units)	Area 4 (3 units)	3 units	Area 4 (3 units)	4 quarter (2.6 semester) units
Computer Science A	3	*(Major or Elective credit only)*	*Not Applicable*	3 units	*Not Applicable*	8 quarter (5.3 semester) units
Computer Science AB	3	*(Major or Elective credit only)*	*Not Applicable*	6 units	*Not Applicable*	*Not Applicable*
Computer Science Principles	3	*(Major or Elective credit only)*	*Not Applicable*	6 units	Area 2 (3 units)	8 quarter (5.3 semester) units

Advanced Placement (AP) Examination	Passing AP Exam Score	CMC GE Area	Cal-GETC Area for Certification	CSU Semester Credits Earned for Admission	American Institutions and/or CSU GE Breadth Area[1]	UC Quarter Credits Earned for Admission
English Language	3	Area 1A (3 units)	*Not Applicable*	6 units	Area 1A (3 units)	*Not Applicable*
English Language & Composition[3]	3	Area 1A (3 units)	Area 1A (3 units)	6 units	Area 1A (3 units)	8 quarter (5.3 semester) units
English Literature	3	Area 1A **AND** 3 (6 units)	*Not Applicable*	6 units	Area 1A **AND** 3B (6 units)	*Not Applicable*
English - Literature & Composition[3]	3	Area 1A **AND** 3 (6 units)	Area 1A **or** 3B (3 units)	6 units	Area 1A **AND** 3B (6 units)	8 quarter (5.3 semester) units
Environmental Science[2]	3	Area 5 (4 units)	Area 5A **AND** 5C (3 units)	4 units	Area 5A **AND** 5C (4 units)	4 quarter (2.6 semester) units
European History	3	Area 3 or 4 (3 units)	Area 3B **or** 4 (3 units)	6 units	Area 3B **or** 4 (3 units)	8 quarter (5.3 semester) units
French Language	3	Area 3 (5 units)	*Not Applicable*	6 units	Area 3B (3 units)	*Not Applicable*
French Language & Culture	3	Area 3 (5 units)	Area 3B (3 units)	6 units	Area 3B (3 units)	8 quarter (5.3 semester) units
French Literature	3	Area 3 (5 units)	*Not Applicable*	*Not Applicable*	*Not Applicable*	*Not Applicable*
German Language	3	Area 3 (5 units)	*Not Applicable*	6 units	Area 3B (3 units)	*Not Applicable*
German Language & Culture	3	Area 3 (5 units)	Area 3B (3 units)	6 units	Area 3B (3 units)	8 quarter (5.3 semester) units
Human Geography	3	Area 4 (3 units)	Area 4 (3 units)	3 units	Area 4 (3 units)	4 quarter (2.6 semester) units
Italian Language & Culture	3	Area 3 (5 units)	Area 3B (3 units)	6 units	Area 3B (3 units)	8 quarter (5.3 semester) units
Japanese Language & Culture	3	Area 3 (5 units)	Area 3B (3 units)	6 units	Area 3B (3 units)	8 quarter (5.3 semester) units
Latin	3	Area 3 (5 units)	Area 3B (3 units)	6 units	Area 3B (3 units)	8 quarter (5.3 semester) units
Latin: Literature	3	Area 3 (5 units)	*Not Applicable*	6 units	Area 3B (3 units)	*Not Applicable*
Latin: Virgil	3	*(Major or Elective credit only)*	*Not Applicable*	3 units	Area 3B (3 units)	*Not Applicable*
Macroeconomics	3	Area 4 (3 units)	Area 4 (3 units)	3 units	Area 4 (3 units)	4 quarter (2.6 semester) units
Microeconomics	3	Area 4 (3 units)	Area 4 (3 units)	3 units	Area 4 (3 units)	4 quarter (2.6 semester) units
Music Theory	3	*(Major or Elective credit only)*	*Not Applicable*	6 units	Area 3A (3 units)	8 quarter (5.3 semester) units

Advanced Placement (AP) Examination	Passing AP Exam Score	CMC GE Area	Cal-GETC Area for Certification	CSU Semester Credits Earned for Admission	American Institutions and/or CSU GE Breadth Area[1]	UC Quarter Credits Earned for Admission
Physics 1	3	Area 5 (4 units)	*Not Applicable*	4 units	Area 5A **AND** 5C (4 units)	8 quarter (5.3 semester) units
Physics 1: Algebra-Based	3	Area 5 (4 units)	Area 5A **AND** 5C (4 units)	4 units	Area 5A **AND** 5C (4 units)	8 quarter (5.3 semester) units
Physics 2	3	Area 5 (4 units)	*Not Applicable*	4 units	Area 5A **AND** 5C (4 units)	8 quarter (5.3 semester) units
Physics 2: Algebra-Based	3	Area 5 (4 units)	Area 5A **AND** 5C (4 units)	4 units	Area 5A **AND** 5C (4 units)	8 quarter (5.3 semester) units
Physics B	3	Area 5 (4 units)	*Not Applicable*	6 units	Area 5A **AND** 5C (4 units)	*Not Applicable*
Physics C: Electricity and Magnetism	3	Area 5 (4 units)	Area 5A **AND** 5C (3 units)	4 units	Area 5A **AND** 5C (4 units)	4 quarter (2.6 semester) units
Physics C: Mechanics	3	Area 5 (4 units)	Area 5A **AND** 5C (3 units)	4 units	Area 5A **AND** 5C (4 units)	4 quarter (2.6 semester) units
PreCalculus	3	Area 2 (3 units)	*Not Applicable*	3 units	Area 2 (3 units)	*Not Applicable*
Psychology	3	Area 4 (3 units)	Area 4 (3 units)	3 units	Area 4 (3 units)	4 quarter (2.6 semester) units
Seminar	3	*(Major or Elective credit only)*	*Not Applicable*	3 units	*Not Applicable*	*Not Applicable*
Spanish Language	3	Area 3 (5 units)	*Not Applicable*	6 units	Area 3B (3 units)	*Not Applicable*
Spanish Language and Culture	3	Area 3 (5 units)	Area 3B (3 units)	6 units	Area 3B (3 units)	8 quarter (5.3 semester) units
Spanish Literature	3	Area 3 (5 units)	*Not Applicable*	6 units	Area 3B (3 units)	*Not Applicable*
Spanish Literature and Culture	3	Area 3 (5 units)	Area 3B (3 units)	6 units	Area 3B (3 units)	8 quarter (5.3 semester) units
Statistics	3	Area 2 (4 units)	Area 2 (3 units)	3 units	Area 2 (3 units)	4 quarter (2.6 semester) units
U.S. Government and Politics	3	Area 4 (3 units)	Area 4 (3 units)	3 units	Area 4 + US-2 (3 units)	4 quarter (2.6 semester) units
U.S. History	3	Area 3 or 4 (3 units)	Area 3B or 4 (3 units)	6 units	Area 3B or 4 + US-1 (3 units)	8 quarter (5.3 semester) units
World History	3	Area 3 or 4 (3 units)	*Not Applicable*	6 units	Area 3B or 4 (3 units)	*Not Applicable*
World History: Modern	3	Area 3 or 4 (3 units)	Area 3B or 4 (3 units)	3 units	Area 3B or 4 (3 units)	8 quarter (5.3 semester) units

Credit by Advanced Placement exam is noted and listed on a student's transcript with units assigned and no grade.

Cal-GETC: AP exams must be used in area indicated regardless of where the certifying CCC's discipline is located.

[1]GE Areas 1A through 6 are defined in CSU General Education Requirements. Areas of American Institutions (US-1 through US-3) are listed at assist.org.

[2]Students who pass AP Environmental Science prior to Fall 2009 may apply it to either to 5A+5C or 5B+5C of GE.

[3]Only one of the two English courses required for UC transfer admission may be satisfied with an AP exam score.

CSU System-wide Credit for External Examinations - CLEP

Students may earn credit for College-Level Examination Program (CLEP). CLEP credit can be used to meet California State University (CSU) admission, Copper Mountain College (CMC) GE, and/or CMC major requirements. **University of California (UC) does not award units for CLEP credit. CLEP cannot be used to fulfill Cal-GETC requirements.**

Students must have the College Board send **official** CLEP exam results to the Admissions & Records Office for use toward the CMC major or GE pattern.
Course credit and units granted at CMC may differ from course credit and units granted by a transfer institution.

College-Level Examination Program (CLEP) Examination	Minimum passing CLEP Score	CMC GE Area	CSU Semester Credits Earned for Admission[1]	American Institutions and/or CSU GE Breadth Area[2]
American Government	50	Area 4 (3 units)	3 units	Area 4 (3 units)
American Literature	50	Area 3 (3 units)	3 units	Area 3B (3 units)
Analyzing and Interpreting Literature	50	Area 3 (3 units)	3 units	Area 3B (3 units)
Biology	50	Area 5 (3 units)	3 units	Area 5B (3 units)
Calculus	50	Area 2 (3 units)	3 units (beginning Fall 2009)	Area 2 (3 units)
Chemistry	50	Area 5 (3 units)	3 units (beginning Fall 2009)	Area 5A (3 units)
College Algebra	50	Area 2 (3 units)	3 units	Area 2 (3 units)
College Algebra – Trigonometry	50	Area 2 (3 units)	3 units	Area 2 (3 units)
College Composition	50	Area 1A (3 units)	*None*	*Not Applicable*
College Composition - Modular	50	*(Major or Elective credit only)*	*None*	*Not Applicable*
College Mathematics	50	Area 2 (3 units)	*None*	*Not Applicable*
English Composition (no essay)	50	*(Major or Elective credit only)*	*None*	*Not Applicable*
English Composition (with essay)	50	Area 1A (3 units)	*None*	*Not Applicable*
English Literature	50	Area 3 (3 units)	3 units	Area 3B (3 units)
Financial Accounting	50	*(Major or Elective credit only)*	3 units	*Not Applicable*
French Level I	50	Area 3 (3 units)	6 units	*Not Applicable*
French Level II	59	Area 3 (3 units)	12 units (prior to Fall 2015) 9 units (beginning Fall 2015)	Area 3B (3 units)
Freshman College Composition	50	*(Major or Elective credit only)*	*None*	*Not Applicable*
German Level I	50	Area 3 (3 units)	6 units	*Not Applicable*
German Level II	60	Area 3 (3 units)	12 units (prior to Fall 2015) 9 units (beginning Fall 2015)	Area 3B (3 units)

College-Level Examination Program (CLEP) Examination	Minimum passing CLEP Score	CMC GE Area	CSU Semester Credits Earned for Admission[1]	American Institutions and/or CSU GE Breadth Area[2]
History, United States I	50	Area 4 (3 units)	3 units	Area 4 + US-1 (3 units)
History, United States II	50	Area 4 (3 units)	3 units	Area 4 + US-1 (3 units)
Human Growth and Development	50	Area 4 (3 units)	3 units	*Not Applicable*
Humanities	50	Area 3 (3 units)	3 units	Area 3B (3 units)
Information Systems and Computer Applications	50	*(Major or Elective credit only)*	3 units	*Not Applicable*
Introduction to Educational Psychology	50	*(Major or Elective credit only)*	3 units	*Not Applicable*
Introductory Business Law	50	*(Major or Elective credit only)*	3 units	*Not Applicable*
Introductory Psychology	50	Area 4 (3 units)	3 units	Area 4 (3 units)
Introductory Sociology	50	Area 4 (3 units)	3 units	Area 4 (3 units)
Natural Sciences	50	Area 5 (3 units)	3 units	Area 5A or 5B (3 units)
Pre-Calculus	50	Area 2 (3 units)	3 units	Area 2 (3 units)
Principles of Accounting	50	*(Major or Elective credit only)*	3 units	*Not Applicable*
Principles of Macroeconomics	50	Area 4 (3 units)	3 units	Area 4 (3 units)
Principles of Management	50	*(Major or Elective credit only)*	3 units	*Not Applicable*
Principles of Marketing	50	*(Major or Elective credit only)*	3 units	*Not Applicable*
Principles of Microeconomics	50	Area 4 (3 units)	3 units	Area 4 (3 units)
Social Science and History	50	Area 3 or 4 (3 units)	*None*	*Not Applicable*
Spanish Level I	50	Area 3 (3 units)	6 units	*Not Applicable*
Spanish Level II	63	Area 3 (3 units)	12 units (prior to Fall 2015) 9 units (beginning Fall 2015)	Area 3B (3 units)
Spanish with Writing Level I	50	Area 3 (3 units)	6 units	*Not Applicable*
Spanish with Writing Level II	63	Area 3 (3 units)	9 units	Area 3B (3 units)
Trigonometry	50	Area 2 (3 units)	3 units	Area 2 (3 units)
Western Civilization I	50	Area 3 (3 units)	3 units	Area 3B or 4 (3 units)
Western Civilization II	50	Area 4 (3 units)	3 units	Area 4 (3 units)

1 These units count toward eligibility for CSU admission. Refer to the CSU Credit for Prior Learning policy for additional guidance.

2 GE Areas 1A through 6 are defined in CSU General Education Requirements. Areas of American Institutions (US-1 through US-3) are listed at assist.org.

DANTES Subject Standardized Test Credit for External Examinations - DSST

Students may earn credit for DANTES Subject Standardized Test (DSST). DSST credit can be used to meet Copper Mountain College (CMC) General Education (GE), and/or major requirements. California State University (CSU) accepts DSST exams for credit for prior learning. **University of California (UC) does not award units for DSST exams. DSST cannot be used to fulfill Cal-GETC requirements.**

Students must send their **official** DANTES transcript to the Admissions & Records Office for use toward the CMC major or GE pattern.
Course credit and units granted at CMC may differ from course credit and units granted by a transfer institution.

DANTES Subject Standardized Test (DSST) Examination	Minimum passing DSST Score[1]	CMC GE Area	CMC Minimum Semester Credits Earned
A History of the Vietnam War	400	Area 4	3 units
An Introduction to the Modern Middle East	400	Area 3 or 4	3 units
Art of the Western World	400	Area 3 or 4	3 units
Astronomy	400	Area 5	3 units
Business Ethics and Society	400	*(Major or Elective credit only)*	3 units
Business Mathematics	400	*(Major or Elective credit only)*	3 units
Civil War and Reconstruction	400	Area 3 or 4	3 units
Computing and Information Technology	400	*(Major or Elective credit only)*	3 units
Criminal Justice	400	Area 4	3 units
Environment and Humanity: The Race to Save the Planet	400	*(Major or Elective credit only)*	3 units
Environmental Science	400	Area 5	3 units
Ethics in America	400	Area 3	3 units
Ethics in Technology	400	*(Major or Elective credit only)*	3 units
Foundations of Education	400	Area 4	3 units
Fundamentals of College Algebra	400	Area 2	3 units
Fundamentals of Counseling	400	Area 4	3 units
Fundamentals of Cybersecurity	400	*(Major or Elective credit only)*	3 units
General Anthropology	400	Area 4	3 units
Health and Human Development	400	Area 4	3 units
Here's to Your Health	400	*(Major or Elective credit only)*	3 units

DANTES Subject Standardized Test (DSST) Examination	Minimum passing DSST Score[1]	CMC GE Area	CMC Minimum Semester Credits Earned
History of the Soviet Union (formerly The Rise and Fall of the Soviet Union)	400	Area 4	3 units
Human Resources Management	400	*(Major or Elective credit only)*	3 units
Introduction to Business	400	Area 4	3 units
Introduction to Computing	400	*(Major or Elective credit only)*	3 units
Introduction to Geography (formerly Human/Cultural Geography	400	Area 4	3 units
Introduction to Geology	400	Area 5	3 units
Introduction to Law Enforcement	400	Area 4	3 units
Introduction to World Religions	400	Area 3	3 units
Lifespan Developmental Psychology	400	Area 4	3 units
Management Information Systems	400	*(Major or Elective credit only)*	3 units
Math for Liberal Arts	400	Area 2	3 units
Money and Banking	400	*(Major or Elective credit only)*	3 units
Organizational Behavior	400	*(Major or Elective credit only)*	3 units
Personal Finance	400	Area 2	3 units
Principles of Advanced English Composition	400	Area 1A	3 units
Principles of Finance	400	*(Major or Elective credit only)*	3 units
Principles of Physical Science I	400	Area 5	3 units
Principles of Public Speaking	400	Area 1B	3 units
Principles of Statistics	400	Area 2	3 units
Principles of Supervision	400	(Major or Elective credit only)	3 units
Substance Abuse (formerly Drug and Alcohol Abuse)	400	*(Major or Elective credit only)*	3 units
Technical Writing	400	*(Major or Elective credit only)*	3 units
Western Europe Since 1945	400	Area 3 or 4	3 units

1 For tests taken prior to July 2001, required scores are: General Exams 490; Subject Exams 50; and Paper-Based Exams 490. For tests taken between July 2001 and 2008, required scores were 45-47. Although there is not a CCC course equivalency for this exam, the credit is applicable to the area requirement indicated.

CSU & UC System-wide Credit for External Examinations – IB (International Baccalaureate Examination Program)

Students may earn credit for International Baccalaureate (IB) Tests. IB Credit can be used to meet Copper Mountain College (CMC) GE, California State University (CSU) admissions, CSU GE Breadth, University of California (UC) admissions, and Cal-GETC certification. Students who complete the IB diploma with a score of 30 or above will receive 6 quarter (4 semester) units toward their UC degree in addition to the units earned for individual Higher Level (HL) exams. Students who receive IB certificates with scores of 5, 6, or 7 on HL exams will receive 8 quarter (5.3 semester) units per exam at UC. An acceptable IB score for Cal-GETC equates to either 3 semester or 4 quarter units for certification purposes. **Each campus in the UC and CSU systems determine credit awarded and how they will apply IB external examinations toward credit in the major.**

Students must have the IB Organization send official exam results to the Admissions & Records Office (hand carried copies will not be accepted) for use on the CMC or Cal-GETC GE patterns.

Course credit and units granted at CMC may differ from course credit and units granted by a transfer institution.

International Baccalaureate Examination (IB)	Minimum Passing IB Score	CMC GE Area	CSU Semester Credits Earned for Admission[1]	CSU GE Breadth Area[2]	UC Quarter Credits Earned for Admission	Cal-GETC Area for Certification
IB Biology HL	5	Area 5 (3 units)	6 units	Area 5B (3 units)	8 quarter (5.3 semester) units	Area 5B
IB Chemistry HL	5	Area 5 (3 units)	6 units	Area 5A (3 units)	8 quarter (5.3 semester) units	Area 5A
IB Economics HL	5	Area 4 (3 units)	6 units	Area 4 (3 units)	8 quarter (5.3 semester) units	Area 4
IB Geography HL	5	Area 4 (3 units)	6 units	Area 4 (3 units)	8 quarter (5.3 semester) units	Area 4
IB History (any region) HL	5	Area 3 or 4 (3 units)	6 units	Area 3B or 4 (3 units)	8 quarter (5.3 semester) units	Area 3B or 4*
IB Language A: Literature HL	4 (CMC & CSU) 5 (UC)	Area 3 (3 units)	6 units	Area 3B (3 units)	8 quarter (5.3 semester) units	Area 3B
IB Language A: Language and Literature HL	4 (CMC & CSU) 5 (UC)	Area 3 (3 units)	6 units	Area 3B (3 units)	8 quarter (5.3 semester) units	Area 3B
IB Language A1 (any language) HL	4 (CSU) 5 (UC)	*Not Applicable*	6 units	Area 3B (3 units)	*Not Applicable*	*Not Applicable*
IB Language A2 (any language) HL	4 (CSU) 5 (UC)	*Not Applicable*	6 units	Area 3B (3 units)	*Not Applicable*	*Not Applicable*
IB Language B (any language) HL	4 (CSU) 5 (UC)	*Not Applicable*	6 units	*Not applicable*	8 quarter (5.3 semester) units	*Not Applicable*
IB Mathematics HL	4 (CSU) 5 (UC)	*Not Applicable*	6 units	Area 2 (3 units)	8 quarter (5.3 semester) units	*Not Applicable*
IB Mathematics: Analysis and Approaches HL	4 (CMC & CSU) 5 (UC)	Area 2 (3 units)	6 units	Area 2 (3 units)	8 quarter (5.3 semester) units	Area 2
IB Mathematics: Applications and Interpretation HL	4 (CMC & CSU) 5 (UC)	Area 2 (3 units)	6 units	Area 2 (3 units)	*Not Applicable*	Area 2
IB Physics HL	5	Area 5 (3 units)	6 units	Area 5A (3 units)	8 quarter (5.3 semester) units	Area 5A
IB Psychology HL	5	Area 4 (3 units)	3 units	Area 4 (3 units)	8 quarter (5.3 semester) units	Area 4
IB Theatre HL	4 (CMC & CSU) 5 (UC)	Area 3 (3 units)	6 units	Area 3A (3 units)	8 quarter (5.3 semester) units	Area 3A

* IB exam may be used in either area regardless of where the certifying CCC's discipline is located.

1 These units count toward eligibility for CSU admission. Refer to the CSU Credit for Prior Learning policy for additional guidance.

2 GE Areas 1A through 6 are defined in CSU General Education Requirements.

CERTIFICATE, DEGREE, GRADUATION AND TRANSFER REQUIREMENTS

OUTGOING OFFICIAL TRANSCRIPTS

Students may obtain an official transcript from the Office of Student Services, Admissions & Records by written request either online through www.cmccd.edu/transcripts/, or by requesting an Official College Transcript Request form in person from the Office of Student Services, Admissions & Records. Students are allowed 2 free lifetime official transcripts. For current fees, refer to the Copper Mountain College website.

Official transcripts sent directly from Copper Mountain College to the specified destination are sealed and considered "official". If a student received an "Official Transcript" and plans to forward it to another destination, the student must not open the envelope as it will be considered "unofficial" if opened.

ONLINE SCIENCE LAB COURSES

Some colleges or universities may not give academic credit for online science laboratory courses. Students should verify this with the college or university to which they are transferring if taken in an online format.

GENERAL EDUCATION CERTIFICATION

Students transferring to a CSU or UC can request verification that they have completed their lower-division general education (GE) requirements. This GE certification may be issued at any time after the required courses are completed. It is recommended that students request the GE certification when they ask for their final transcripts to be sent to the university. The GE certification is a separate request. Consult your counselor or Admissions & Records for the form.

TRANSFERRED COURSEWORK

All official transcripts from other colleges must be on file in Admissions & Records prior to filing a "Request for Evaluation of Credit". An evaluation of credit is required when a student is at or near 30 units.

All degree or certificate applicable lower-division work (freshman & sophomore level courses) previously earned at other accredited institutions will be included when computing the cumulative GPA for a degree or certificate from CMC.

The District evaluates and accepts transfer courses, units and grades in an equitable manner in accordance with the standards of the Western Association of Schools and Colleges (WASC) accrediting commission.

FOREIGN TRANSCRIPT EVALUATIONS

Students entering CMC who have earned university/college credits in foreign countries, and believe the courses are comparable to those offered at Copper Mountain College can obtain information about foreign transcript evaluation and application forms for foreign transcript/credential evaluation services from Admissions & Records.

UNIT CREDIT FOR MILITARY SERVICE

Military Veterans or active duty personnel who have served on active duty for a period of one year or longer and who have received other than a dishonorable discharge may be granted college credit. The military units are designated as ''Military Credit'' on the transcript.

Completed military courses and the schools at which the work was completed must be documented on forms DD214, DD295 or other official documents such as the Army/ACE Registry Transcript System (AARTS), Sailor/Marine/ACE Registry Transcripts (SMART), Community College of the Air Force, and/or the United States Coast Guard transcript.

To have formal military education credit accepted, the student must present the Veterans Services office at the main office in 300 Quad, Room 381, or Military Base Office (MCAGCC) their DD214 or an official copy of their military transcripts. The CMC counselor determines the units applied to the associate degree.

STATE CERTIFICATE OF ACHIEVEMENT

A State Certificate of Achievement may be awarded to a student who has completed a required sequence of courses in an occupational field. The Certificate is not automatically awarded when a student completes the requirements. Students must file a "Petition to Earn a Certificate of Achievement" in the Office of Student Services at least one semester prior to completing certificate requirements. All transcripts from other colleges must be on file before an evaluation can be submitted.

The certificate requires fewer than 60 units of college work. A minimum of a "C" average shall be maintained in all courses required for the certificate. All courses shall be approved by the department advisor.

State Certificate of Achievement is awarded at the State level and posted to the student's transcript.

LOCAL CERTIFICATE OF PROFICIENCY

A Local Certificate of Proficiency may be awarded to a student who has completed a required sequence of courses in a vocational field. Certificates are not automatically awarded when a student completes the requirements. Students must file a "Petition to Earn a Certificate of Proficiency" in the Office of Student Services during the semester in which they are completing the requirements. The Local Certificate of Proficiency requires 18 or fewer units of college work. A minimum of a "C" average shall be maintained in all courses required for the certificate. All courses shall be approved by the department advisor.

See Degree and Certificate Programs section in this catalog for specific certificate requirements.

The Local Certificate of Proficiency is awarded at the local level and therefore is not posted to the student's transcript.

LOCAL NONCREDIT CERTIFICATE OF COMPLETION

A Local Noncredit Certificate of Completion or Certificate of Competency may be awarded to a student who has completed a required sequence of noncredit courses relating to career or college preparation. Certificates are not automatically awarded when a student completes the requirements. Students must file a "Petition to Earn a Certificate of Completion or Competency" in the Office of Student Services during the semester in which they are completing the requirements. All required courses must be passed with a "P" (Pass) mark noted on the transcript.

See Degree and Certificate Programs section in this catalog for specific certificate requirements.

The Local Noncredit Certificate of Completion or Competency is awarded at the local level and therefore is not posted to the student's transcript.

CATALOG RIGHTS POLICY

Students are responsible for meeting all the requirements for graduation as set forth in the college catalog. For the purpose of meeting graduation requirements, students may choose to meet the requirements for degrees or certificates in the catalog in effect at the time of entrance, during the span of continuous enrollment, or at the time of graduation. Dual enrollment students are granted catalog rights with Copper Mountain College (CMC) beginning when they take their

first CMC course, as long as they matriculate to CMC during the first 16-week semester after their high school graduation.

College authorities may authorize or require substitutions for discontinued courses or for courses not offered. CMC requires that students declaring or changing a major program of study must complete the major requirements in effect at the time of the declaration or change. For programs of study requiring special selection procedures, students are required to complete major requirements in effect at the time of entrance to the program. Changing a major program of study does not change catalog rights for general education or other graduation requirements beyond the major.

Students maintain continuous enrollment when they complete at least one (1) fall or spring semester during each academic year. An academic year begins with fall and ends with summer. Whenever enrollment is interrupted for two or more consecutive semesters, not including summer or winter, students must choose the requirements in effect at the time of re-enrollment, continued attendance following re-enrollment, or graduation. Absence due to an approved educational leave is not considered an interruption in attendance if the absence does not exceed two (2) years.

EVALUATION REQUIREMENT FOR ASSOCIATE DEGREE

Degree seeking students who have taken coursework at other institutions will need to file a "Request for Evaluation of Credit" with Admissions & Records. Official transcripts must be on file before an evaluation may be processed.

GRADUATION REQUIREMENTS

ECS 66701, 71066, 72285, 78204
Title 5, 55800-55810

All Associate Degrees require a minimum of 60 units of college credit and a cumulative grade point average (GPA) of 2.0 or better. Transferable degrees require 60 units of **transferable** coursework. At least 12 units must be earned at Copper Mountain College. Other minimum requirements established by the Education Code and Title 5 Administrative Regulations will also be met. Specific requirements will be published in the college catalog.

GRADUATION

Once it has been determined that a student is eligible for graduation, a "Petition to Earn an Associate Degree" form must be completed and submitted to Admissions & Records in Student Services. The deadline to submit this form is found in the class schedule. This requirement applies to all Associate Degrees.

Formal commencement activities are held at the end of each Spring semester. Students who complete degree requirements during the Spring or preceding terms are invited to participate in the ceremonies. Students who plan on completing their final graduation requirements in the summer session may also participate in commencement ceremonies, as long as they are within eight (8) units of completing their degree requirements during that summer session.

CMC graduate in cap and gown

ACADEMIC SERVICES

Committed to your Educational Goals

Our goal is to ensure the best possible learning experience for our students at CMC with the highest standards in teaching, learning and service. Whether your goal is mastery in basic skills, career development, university transfer, associate degrees and certificates, or personal development – Academic Services is here to help make it happen for you. Our comprehensive curriculum and passion for the success of every individual student will help prepare you to achieve your educational, employment, and lifelong learning goals.

MAJOR	Certificate of Proficiency	Certificate of Achievement	Non-Transfer CTE Degree	Transfer Degree	Transfer Degree with a Guarantee
Adult High School Diploma & GED					
Administration of Justice					
· Associate in Science in Administration of Justice for Transfer					✓
Anthropology					
· Associate in Arts in Anthropology for Transfer					✓
Art					
· Associate in Arts in Art History for Transfer					✓
· Associate in Arts in Studio Arts for Transfer					✓
Automotive Technology					
· Associate in Science in Automotive Technology			✓		
· Automotive Technology		✓			
· Air Conditioning & Heating Services & Repair		✓			
· Alternative Fuel Vehicles		✓			
· Engine Performance and Driveability		✓			
· Steering & Suspension Service		✓			
· Transmission Service, Repair & Overhaul		✓			
Biology					
· Associate in Science in Biology for Transfer					✓
Business					
· Associate in Science in Business Administration 2.0 for Transfer					✓
· Associate in Science in General Business			✓		
· Accounting		✓			
· Bookkeeping	✓				
· Office Assistant	✓				
Chemistry					
· Associate in Science in Chemistry for Transfer					✓
Communication					
· Associate in Arts in Communication Studies 2.0 for Transfer					✓

MAJOR	Certificate of Completion	Certificate of Proficiency	Certificate of Achievement	Non-Transfer CTE Degree	Transfer Degree	Transfer Degree with a Guarantee
Computer Information Systems						
· Associate in Science in Computer Information Systems				✓		
· Computer Information Systems			✓			
· Computer-Aided Design and Drafting (CADD) Technician			✓			
Computer Programming						
· Associate in Science in Computer Programming				✓		
· Computer Programming			✓			
Computer Science						
· Associate in Science in Computer Science for Transfer						✓
· Computer Ethical Hacking Specialist		✓				
· Computer Network Specialist/Net Training		✓				
· Computer Network Supervisor			✓			
· Computer Security Specialist		✓				
· Computer Support Specialist		✓				
Construction						
· Residential Construction and Maintenance Noncredit	✓					
· Residential Construction and Maintenance			✓			
Culinary Arts			✓			
Early Childhood Education						
· Associate in Science in Early Childhood Education for Transfer						✓
· Qualified Early Childhood Educator: Teacher			✓			
Economics						
· Associate in Arts in Economics for Transfer						✓
Elementary Teacher Education						
· Associate in Arts in Elementary Teacher Education: Integrated Programs for Transfer						✓
Emergency Medical Technician		✓				
English						
· Associate in Arts in English for Transfer						✓
Environmental Science						
· Associate in Science in Environmental Science for Transfer						✓
· Desert Studies			✓			
Fire Technology						
· Associate in Science in Fire Technology				✓		
· Fire Technology			✓			

MAJOR	Certificate of Completion	Certificate of Proficiency	Certificate of Achievement	Non-Transfer CTE Degree	Transfer Degree	Transfer Degree with a Guarantee
· Wildland Fire Technology			✓			
· Wildland Fire Technology Noncredit	✓					
Health Sciences						
· Home Health Aide		✓				
· Nurse Assistant		✓				
History						
· Associate in Arts in History for Transfer						✓
· Associate in Arts in History					✓	
Hospitality						
· Associate in Science in Hospitality Management for Transfer						✓
Kinesiology						
· Associate in Arts in Kinesiology for Transfer						✓
Legal Studies						
· Associate in Arts in Law, Public Policy, and Society for Transfer						✓
Liberal Arts						
· Associate in Arts in Liberal Arts: Arts & Humanities					✓	
· Associate in Arts in Liberal Arts: Mathematics & Science					✓	
· Associate in Arts in Liberal Arts: Social & Behavioral Sciences					✓	
Mathematics						
· Associate in Science in Mathematics for Transfer						✓
Nursing						
· Associate in Science in Registered Nursing				✓		
· Associate in Science in Vocational Nursing				✓		
· Vocational Nursing			✓			
Physics						
· Associate in Science in Physics 2.0 for Transfer						✓
Political Science						
· Associate in Arts in Political Science for Transfer						✓
Psychology						
· Associate in Arts in Psychology for Transfer						✓
Sociology						
· Associate in Arts in Sociology for Transfer						✓
Spanish						
· Associate in Arts in Spanish for Transfer						✓

ASSOCIATE DEGREE

Transfer to a Four-Year College or University

Students planning to earn an Associate Degree while preparing to transfer must complete the California General Education Transfer Curriculum (Cal-GETC) transfer general education pattern as well as the course requirements specified in the program of study for the declared major or area of emphasis. Students should consult with their transfer institution and their CMC counselor when planning their Student Education Plan (SEP).

Below is general information about transfer to the California State University and University of California systems.

Transfer Pathways to California State University (CSU)

Students preparing to transfer to CSU must follow the general education requirements outlined in the Cal-GETC pattern (pages 63-64) or consult the specific CSU campus they plan to transfer to for their campus-specific general education (GE) requirements. See a faculty advisor or counselor for assistance.

Earning an AA-T or an AS-T degree makes it easy to transfer from a California community college into the CSU system. The joint transfer program between the California Community Colleges and the California State Universities makes it easier for students to transfer between the two school systems. For the first time in California history, community college students who complete an AA-T or AS-T will be guaranteed admission to the California State University (CSU) system.

Associate Degree for Transfer
A Degree with a Guarantee.℠

The guarantee itself means that students who earn an AA-T or AS-T degree and meet the CSU minimum eligibility requirements are guaranteed admission to a CSU, but not necessarily to a particular campus or major. With the AA-T or AS-T degree, students may be given a GPA bump when applying to an impacted campus outside their local area or an impacted major that is deemed similar.

Transfer students enter the CSU system with Junior standing. If students are admitted to a program deemed similar to their AA-T or AS-T, they will only need to complete 60 additional semester units (or 90 quarter units) to earn a bachelor's degree, and will not be required to repeat courses that are similar to those completed at the community college as part of their associate degree.

For more information visit: https://icangotocollege.com/

Transfer Pathways to University of California (UC)

Students preparing to transfer to the UC system must follow the Cal-GETC requirements on pages 63-64. See your faculty advisor or counselor for assistance. Cal-GETC is also accepted at CSU.

The Transfer Pathways currently cover the UC's most popular majors, including biology, economics and sociology. By following one of the UC's Transfer Pathways, students will take a single set of courses to prepare for their major at any one of the nine UC undergraduate campuses. Following a pathway does not guarantee admission to the UC, but it will put you on the path to preparing for your major and help position you to graduate on time from any UC campus.

Six UC campuses offer a Transfer Admission Guarantee (TAG) for California community college students in certain majors.

Visit their transfer preparation website for more information including pathways for students working on an Associate Degree for Transfer (AD-T):

https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/uc-transfer-programs/transfer-pathways/

Additional information is also available on CMC's website:

www.cmccd.edu/current-students/transfer-center/

ASSOCIATE DEGREE

With Emphasis on Employment Preparation

The Employment Preparation Degree is not designed to prepare students for university transfer, and is identified in this catalog as "Associate in Arts or Science Degree with emphasis on employment preparation". Students must complete the course requirements as specified in the program of study for the declared major, and the CMC general education requirements listed on pages 55-56

Students should consult with a counselor early in their first semester at CMC and every semester thereafter. They will help to ensure the student remains on track for graduation and transfer. Transfer eligibility may vary between institutions. A student's counselor will advise them of important requirements and keep them apprised of any changes.

CALIFORNIA COMMUNITY COLLEGES

Course Identification (C-ID)

The Course Identification Numbering System is a statewide numbering system independent from the course numbers assigned by local California community colleges. A C-ID number next to a course signals that participating California colleges and universities have determined that courses offered by other California community colleges are comparable in content and scope to courses offered on their own campuses, regardless of their unique titles or local course number. Thus, if a schedule of classes or catalog lists a course bearing a C-ID number, for example, COMM 110, students at that college can be assured that it will be accepted in lieu of a course bearing the C-ID COMM 110 designation at another California community college. In other words, the C-ID designation can be used to identify comparable courses at different California community colleges. However, students should always go to www.assist.org to confirm how each college's course will be accepted at a particular four-year college or university for transfer credit.

The C-ID numbering system is useful for students attending more than one California community college, and is applied to many of the transferable courses students need as preparation for transfer. Because these course requirements may change, and because courses may be modified and qualified for or deleted from the C-ID database, students should always check with a counselor to determine how C-ID designated courses fit into their educational plans for transfer.

Students may consult the ASSIST database at www.assist.org for specific information on C-ID course designations. Counselors can always help students interpret or explain this information.

Common Course Numbering (CCN)

Beginning in Fall 2025, the Common Course Numbering (CCN) system—mandated by the state under initiative AB 1111—will be implemented to simplify student transfers and establish uniform course numbering across all California Community Colleges.

Currently in **Phase 2B**, the CCN initiative focuses on aligning course numbers for general education and transfer pathway courses. The system is designed to ensure that comparable courses across community colleges share the same course number, thereby streamlining the transfer process to four-year institutions and helping students avoid accumulating excess credits.

Courses designated as part of the CCN system will include a **"C" in their course numbers** (e.g., ENG 003A became ENGL C1000). Additionally, **some subject area prefixes will change** to meet statewide standards (e.g., PS became POLS).

All changes—including updated course numbers and prefixes—will be **clearly noted in the class schedules and course catalogs** to help students identify and navigate the transition with ease.

PROGRAM AND COURSE LISTINGS

Course Abbreviations Catalog, Schedules & Transcripts

Academic Skills Center	ASC
ACCESS	ACC
Accounting	ACCT
Adult Education	AE
American Sign Language	ASL
Anthropology	ANTH
Art	ART
Art History	ARTH
Astronomy	ASTR
Automotive Technology	AUTO
Biology	BIOL
Business – Administrative	BUAA
Business – Accounting	BUAC
Business – Management	BUMA
Business – Work Experience	BUWE
Chemistry	CH
Child Development	CD / CDEV
Child Development – Parenting	CD-PAR
Communication	COMM
Computer Aided Drafting and Design	CADD
Computer Information Systems	CIS
Computer Science	CS
Construction	CNST
Criminal Justice	CJ
Culinary Arts	CULN
Culinary – Work Experience	CUWE
Early Childhood Education	ECE
Economics	ECON
Education	EDUC
Emergency Medical Responder	EMR
Emergency Medical Technician	EMT
English	ENGL
Environmental Science	ENV
Ethnic, Gender, Social Justice	EGSJ
Fire Technology	FIRE
Fire – Wildland Fire Technology	FIRE-WFT
Fire – Work Experience	FIWE
Geography	GEOG
Geology	G
Health Sciences	HS
History	HIST
Home Health Aide	HHA
Hospitality	HOSP
Kinesiology	KINE
Mathematics	MATH
Music	MUS
Nurse Assistant	NA
Nursing, Registered	N
Philosophy	PHIL
Physical Education	PE
Physics	PH
Political Science	POLS
Psychology	PSYC
Real Estate	REAL
Social Work	SW
Sociology	SOCI
Spanish	SPAN
Statistics	STAT
Student Development	STDV
Theatre Arts	TA
Vocational Nursing	VN
Water Technology	WTEC
Work Experience – General	WEG

PROGRAM AND COURSE DESCRIPTIONS

The degree and certificate programs on the following pages are arranged alphabetically. The programs are listed in summary on pages 53-56.

The complete listing of degree and certificate programs is followed by the descriptions of the courses offered by the college. Courses are listed alphabetically by course number/ID. For example, MATH C2210 Calculus is listed under "M".

PREREQUISITES, COREQUISITES, AND ADVISORIES

Complete course prerequisites, corequisites, and advisories are listed in this catalog below each course description.

Prerequisite requirements must be met **before** enrollment is permitted. Corequisite courses must be taken during the same semester. Advisory courses are strongly recommended for success in a particular course, but will not prevent a student from taking the course. These requirements are intended to provide students a reasonable chance of success.

Courses taken as prerequisites to other courses must be completed with a grade of "C" or better.

See page 31 for the definition of these terms and for additional information on enrollment limitations. Students should discuss questions regarding course eligibility with their counselors.

TRANSFERABLE COURSES

Please see page 93 for information.

GENERAL EDUCATION PATTERNS

For all associate degrees, it is important to maintain the philosophy that the associate degree represents more than an accumulation of units. Instead, it embodies the completion of a well-defined pattern of learning experiences that are designed to develop certain capabilities. Title 5 §55061 describes the completion of general education as a learning experience that demonstrates:

> *"the ability to think and to communicate clearly and effectively both orally and in writing; to use mathematics; to understand the modes of inquiry of the major disciplines; to be aware of other cultures and times; to achieve insights gained through experience in thinking about ethical problems; and to develop the capacity for self-understanding."*

The next few pages list the CMC General Education Pattern, and Cal-GETC.

GAINFUL EMPLOYMENT PROGRAMS

Disclosures

In order to be eligible for funding under the Title IV Programs, an educational program must lead to a degree or prepare students for "gainful employment in a recognized occupation."

The U.S. Department of Education requires CMC to disclose information about CMC's occupational degrees and certificates that lead to Gainful Employment (GE) in a recognized occupation. They also require that CMC reports certain information about students who enroll in Title IV - eligible educational programs.

CMC has information about these programs available its website at www.cmccd.edu/current-students/gainful-employment/. Here is where some of the possible occupations this degree/certificate may lead to, how long it might take and how much it might cost to complete the program. CMC will continue to provide more information, such as job placements rates, as it becomes available.

The U.S. Department of Education suggests students visit O*NET Online at www.onetonline.org for more information on occupations. O*NET is provided by the U.S. Department of Labor.

2019 Commencement Ceremony Graduates

General Education Pattern
COPPER MOUNTAIN COLLEGE (CMC)

COPPER MOUNTAIN COLLEGE
2026-2027
ASSOCIATE DEGREE NON-TRANSFER

M	IP	N			
			The pattern below meets the associate degree general education requirements for graduation from Copper Mountain College (CMC). A total of 60 degree applicable units, including major requirements and general education (GE) requirements are required for the Associate Degree. A minimum cumulative grade point average (GPA) of a 2.0 ("C") is required in all courses applicable to the associate degree. All courses that count toward the major or area of emphasis must be completed with grades of A, B, C, or P. (Title 5, 55062). **LEGEND**: Courses **without** prerequisites are *italicized* ***Courses that appear in multiple areas below, can only be counted in one area.** +Transfer credit may be limited by UC, CSU or both. Consult with a counselor. **M** = Met/Completed **IP** = In Progress **N** = Need to Complete		
			AREA 1 ENGLISH COMPOSITION, ORAL COMMUNICATION, & CRITICAL THINKING **Two courses, including one course from 1A and one course from 1B (6 semester units)**		
			1A ENGLISH COMPOSITION (1 course, 3 semester units): *ENGL C1000 Academic Reading and Writing (3)*		
			1B ORAL COMMUNICATION & CRITICAL THINKING (1 course, 3 semester units)		
			COMM 007 Decision-Making & Advocacy (3) *COMM 015 Intercultural Communication (3)*	*COMM C1000 Introduction to Public Speaking (3)* *COMM C1004 Interpersonal Communication (3)* ENGL C1001 Critical Thinking and Writing (3)	*PHIL 010 General Logic (3)* SOCI 004 Sociological Analysis & Critical Thinking (3)
			AREA 2 MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING **One course (3 semester units)**		
			BUMA 012 Personal Finance (3) MATH C2210 Calculus I: Early Transcendentals (4) MATH C2220 Calculus II: Late Transcendentals (4) MATH 002A Multivariate Calculus (5) MATH 002B Linear Algebra (4)	MATH 002C Ordinary Differential Equations (4) MATH 004 Discrete Structures (3) *MATH 005 Trigonometry (4)* MATH 010 College Algebra for Liberal Arts (4)	*MATH 012 Precalculus & Trigonometry (6)* *MATH 016 Mathematics for Elementary School Teachers (3)* SOCI 003 Fundamentals of Statistics (4) *STAT C1000 Introduction to Statistics (4)*
			AREA 3 ARTS & HUMANITITES **One course (3 semester units)**		
			ART 001A Fundamentals of Drawing and Composition (3) *ART 003A Introduction to Two-Dimensional Design (3)* *ART 010 Introduction to Art (3)* *ART 023A Introduction to Painting (3)* *ART 033 History of Photography (3)* *ARTH C1100 Survey of Art from Prehistory to the Medieval Era (3)* *ARTH C1200 Survey of Art from the Renaissance to Contemporary (3)* *ART 052 History of Art: Modern to Contemporary Art with a Global Perspective (3)* *ART 053 Intro to the Visual Arts of Non-western Cultures (3)* *ASL 001 Elementary American Sign Language I (5)* ASL 002 Elementary American Sign Language II (5) ASL 003 Intermediate American Sign Language I (4)	ASL 004 Intermediate American Sign Language II (4) *COMM 002 Oral Interpretation of Literature (3)* ENGL C1002 Introduction to Literature (3) ENGL 010A U.S. Literature I (3) ENGL 010B U.S. Literature II (3) ENGL 011A Survey of English Literature: Old English to 18th Century (3) ENGL 011B Survey of English Literature: Romantic-Postmodernism (3) ENGL 012A World Literature I: Beg-1650 (3) ENGL 012B World Literature II: The Modern World (1650-Present) (3) *HIST 003* History of World Civilizations I (3)* *HIST 004* History of World Civilizations II (3)* *HIST C1001* United States History to 1877 (3)* *HIST C1002* United States History since 1865 (3)*	*MUS 005 History of Rock 'N' Roll (3)* *MUS 010 Introduction to Music (3)* *PHIL 006 Introduction to Philosophy (3)* *PHIL 012 Religions of the World (3)* *PHIL 013 Perspectives on Death & Dying (3)* *PHIL 014 Introduction to Ethics (3)* *SPAN 001 Elementary Spanish (5)* SPAN 002 Elementary Spanish (5) SPAN 003 Intermediate Spanish (4) SPAN 004 Intermediate Spanish (4) *TA 001 Introduction to Theatre (3)* *TA 002 Acting I (3)* TA 003 Acting II (3)

AREA 4 SOCIAL & BEHAVIORAL SCIENCES One course (3 semester units)					
M	IP	N	*ANTH 002 Cultural Anthropology (3)* *ANTH 003 Archaeology: An Introduction to Prehistory (3)* *CD 012 Child, Family, & Community (3)* *CD 074 Teaching in a Diverse Society (3)* *CDEV C1000 Child Growth and Development (4)* *CJ 001 Introduction to Criminal Justice (3)* *CJ 002 Criminal Law (3)* *CJ 010 Juvenile Delinquency (3)* *CJ 032 Introduction to Criminology (3)* *ECON C2001 Principles of Microeconomics (3)* *ECON C2002 Principles of Macroeconomics (3)* *^EGSJ 014 Introduction to Race & Ethnicity (3)* *EGSJ 020* Native American Studies (3)* *EGSJ 030* Identity & Ideology: Intro to Chicano/a & Latino/a Studies (3)*	*GEOG 002 Cultural Geography (3)* *GEOG 007 World Regional Geography (3)* *HS 001 Personal & Community Health (3)* *HS 013 General Nutrition (3)* *HIST 003* History of World Civilizations I (3)* *HIST 004* History of World Civilizations II (3)* *HIST 017* U.S. History Through Reconstruction (3)* *HIST 018* U.S. History from Reconstruction to Present (3)* *HIST 019 California History (3)* *PHIL 013 Perspectives on Death & Dying (3)* *POLS C1000 American Government and Politics (3)* *POLS 002 Introduction to Comparative Governments (3)* *POLS 004 Introduction to International Relations (3)*	*PSYC 003 Developmental Psychology (3)* *^PSYC 010 Introduction to Marriage & Family (3)* *PSYC 012 Human Sexuality (3)* *PSYC 033 Personal & Social Adjustment (3)* *PSYC C1000 Introduction to Psychology (3)* *SOCI 002 Social Problems (3)* *^SOCI 010 Introduction to Marriage & Family (3)* *^SOCI 014 Introduction to Race & Ethnicity (3)* *SOCI C1000 Introduction to Sociology (3)* *STDV 065 College and Personal Success (3)* *SW 015 Introduction to Social Work (3)* **^ SOCI 014 and EGSJ 014; PSYC 010 and SOCI 010 are comparable courses. Therefore, credit is awarded for only one course.**
AREA 5 NATURAL SCIENCES One course (3 semester units)					
			ANTH 001 Introduction to Physical Anthropology (3 *ASTR C1001 Introduction to Astronomy (3)* *ASTR C1001L Introduction to Astronomy Lab (1)* *BIOL 005 Molecular & Cellular Biology (5)* *BIOL 006 Biology of Organisms (5)* BIOL 015 General Microbiology (5) *BIOL 022 Human Anatomy (4)* BIOL 023 Human Physiology (5)	*BIOL C1001 Introduction to Biology (3)* *BIOL C1001L Introduction to Biology Lab (1)* CH 001A General Chemistry (5) CH 001B General Chemistry (5) *CH 003 Introductory General Chemistry (4)* *ENV 001 Environmental Science (3)* *G 001 Physical Geology (4)* *G 010 The Earth Sciences (4)*	*GEOG 001 Physical Geography (3)* *PH 001 Introductory Physics (4)* PH 002A College Physics (4) PH 002B College Physics (4) PH 004A Physics for Scientists & Engineers (4) PH 004B Physics for Scientists & Engineers (4) PH 004C Physics for Scientists & Engineers (4)
AREA 6 ETHNIC STUDIES One course (3 semester units)					
			EGSJ 020 Native American Studies (3)*	*EGSJ 030* Identity and Ideology: Intro to Chicano/a & Latino/a Studies (3)*	

COPPER MOUNTAIN COLLEGE
2026-2027
CALIFORNIA GENERAL EDUCATION TRANSFER CURRICULUM (Cal-GETC)

M	IP	N	
			Completion and certification of Cal-GETC will permit a student to transfer from Copper Mountain College (CMC) to a campus in the California State University (CSU) or University of California (UC) system without the need (in most cases), after transfer, to take additional lower-division general education (GE) courses. **All courses must be completed with a grade of "C" or better.** **CERTIFICATION:** The UC system accepts partial Cal-GETC certification if the student is only missing up to two courses in Areas 3 through 6. In the final term before transfer, students should request Cal-GETC certification when requesting their final transcripts to be sent to the transfer institution. **CAUTION***: Cal-GETC may not be the best option for transfer, particularly for majors such as Biology, Chemistry, Physics, Computer Science, Engineering, and Math. Consult with a counselor for more details.* **LEGEND**: Courses **without** prerequisites are *italicized* ***Courses that appear in multiple areas below, can only be counted in one area.** **M** = Met/Completed **IP** = In Progress **N** = Need to Complete
			CSU GRADUATION REQUIREMENTS - American Institutions: 1 course from GROUP 1 and 1 course from GROUP 2 **GROUP 1: POLS C1000 GROUP 2: HIST 017, 018**
			AREA 1 ENGLISH COMMUNICATION **Three courses, including one course from 1A, one course from 1B, and one course from 1C (9 semester units)**
			1A ENGLISH COMPOSITION (1 course, 3 semester units): *ENGL C1000 Academic Reading and Writing (3)*
			1B CRITICAL THINKING & COMPOSITION (1 course, 3 semester units): ENGL C1001 Critical Thinking and Writing (3) COMM 007 Decision-Making & Advocacy (3) SOCI 004 Sociological Analysis and Critical Thinking (3)
			1C ORAL COMMUNICATION (1 course, 3 semester units): *COMM C1000 Introduction to Public Speaking (3)*
			AREA 2 MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING **One course (3 semester units)**
			MATH 002A Multivariate Calculus (5) MATH 002B Linear Algebra (4) MATH 002C Ordinary Differential Equations (4) MATH 004 Discrete Structures (3) MATH 010 College Algebra for Liberal Arts (4) *MATH 012 Precalculus & Trigonometry (6)* MATH C2210 Calculus I: Early Transcendentals (4) MATH C2220 Calculus II: Late Transcendentals (4) SOCI 003 Fundamentals of Statistics (4) *STAT C1000 Introduction to Statistics (4)*
			AREA 3 ARTS & HUMANITITES **Two courses, including one course from 3A and one course from 3B (6 semester units)**
			3A ARTS *ART 010 Introduction to Art (3)* *ART 033 History of Photography (3)* *ART 050 History of Western Art: Prehistory - Middle Ages (3)* *ART 053 Introduction to the Visual Arts of Non-western Cultures (3)* *ARTH C1100 Survey of Art from Prehistory to the Medieval Era (3)* *ARTH C1200 Survey of Art from the Renaissance to Contemporary (3)* *MUS 005 History of Rock 'N' Roll (3)* *MUS 010 Introduction to Music (3)*
			3B HUMANITIES ASL 002 Elementary American Sign Language II (5) ASL 003 Intermediate American Sign Language I (4) ENGL 010A U.S. Literature I (3) [Phase out F27] ENGL 010B U.S. Literature II (3) [Phase out F27] ENGL 011A Survey of English Literature: Old English to 18th Century (3) ENGL 011B Survey of English Literature: Romantic-Postmodernism (3) ENGL 012A World Literature I: Beg-1650 (3) ENGL 012B World Literature II: The Modern World (1650-Present) (3) ENGL C1002 Introduction to Literature (3) *HIST 003* History of World Civilizations I (3)* *HIST 004* History of World Civilizations II (3)* *HIST C1001* United States History to 1877 (3) [Phase out F28]* *HIST C1002* United States History since 1865 (3) [Phase out F28]* *PHIL 006 Introduction to Philosophy (3)* *PHIL 012 Religions of the World (3)* *PHIL 013 Perspectives on Death & Dying (3)* *PHIL 014 Introduction to Ethics (3)* SPAN 003 Intermediate Spanish I (4) SPAN 004 Intermediate Spanish II (4) *TA 001 Introduction to Theatre (3)*

revised 06.10.2026

M	IP	N			
AREA 4 SOCIAL & BEHAVIORAL SCIENCES **Two courses from two different disciplines (6 semester units)**					
			ANTH 002 Cultural Anthropology (3) *ANTH 003 Archaeology: An Introduction to Prehistory (3)* *CDEV C1000 Child Growth and Development (4)* *CJ 032 Introduction to Criminology (3) [Phase out F27]* *ECON C2001 Principles of Microeconomics (3)* *ECON C2002 Principles of Macroeconomics (3)* *^EGSJ 014 Introduction to Race & Ethnicity (3)* *EGSJ 030* Identity and Ideology: Intro to Chicano/a & Latino/a Studies (3)* *GEOG 002 Cultural Geography (3)* *GEOG 007 World Regional Geography (3)*	*HIST 003* History of World Civilizations I (3)* *HIST 004* History of World Civilizations II (3)* *HIST 019 California History (3)* *HIST C1001* United States History to 1877 (3)* *HIST C1002* United States History since 1865 (3)* *PHIL 012 Religions of the World (3)* *POLS 002 Introduction to Comparative Governments (3)* *POLS 004 Introduction to International Relations (3)* *POLS C1000 American Government and Politics (3)* *PSYC 003 Developmental Psychology (3)*	PSYC 005 Behavioral & Social Science Research Methods (4) *^PSYC 010 Introduction to Marriage & Family (3)* *PSYC 012 Human Sexuality (3)* *PSYC C1000 Introduction to Psychology (3)* *SOCI 002 Social Problems (3)* *^SOCI 010 Introduction to Marriage & Family (3)* *^SOCI 014 Introduction to Race & Ethnicity (3)* *SOCI C1000 Introduction to Sociology (3)* **^EGSJ 014 and SOCI 014; PSYC 010 and SOCI 010 are comparable courses. Therefore, credit is awarded for only one course.**
AREA 5 PHYSICAL & BIOLOGICAL SCIENCES **Two courses, including one course from 5A and one course from 5B. One of the two courses must include a laboratory (7 semester units)**					
			5A PHYSICAL SCIENCES *ASTR C1001 Introduction to Astronomy (3)* ASTR C1001L Introduction to Astronomy Lab (1) CH 001A General Chemistry (5) CH 001B General Chemistry (5) *CH 003 Introductory General Chemistry (4)*	CH 010A Organic Chemistry (5) CH 010B Organic Chemistry (5) *G 001 Physical Geology (4)* *G 010 The Earth Sciences (4)* *GEOG 001 Physical Geography (3)*	PH 001 Introductory Physics (4) PH 002A College Physics (4) PH 002B College Physics (4) PH 004A Physics for Scientists & Engineers (4) PH 004B Physics for Scientists & Engineers (4) PH 004C Physics for Scientists & Engineers (4)
			5B BIOLOGICAL SCIENCES *ANTH 001 Introduction to Physical Anthropology (3)* *BIOL 005 Molecular & Cellular Biology (5)* *BIOL 006 Biology of Organisms (5)*	BIOL 015 General Microbiology (5) BIOL 022 Human Anatomy (4) BIOL 023 Human Physiology (5)	BIOL C1001 Introduction to Biology (3) BIOL C1001L Introduction to Biology Lab (1) *ENV 001 Introduction to Environmental Science (3)*
			5C LABORATORY Met with the completion of a 1-unit laboratory course from 5A or 5B. Courses with 4 or more units include a lab which also meets this requirement.		
AREA 6 ETHNIC STUDIES **One course (3 semester units)**					
			EGSJ 020 Native American Studies (3)	*EGSJ 030* Identity and Ideology: Intro to Chicano/a & Latino/a Studies (3)*	

DEGREE, CERTIFICATE AND PROGRAMS OF STUDY

ADMINISTRATION OF JUSTICE

Students intending to transfer to a four-year college should consult that college for specific requirements, visit the Assist website at www.assist.org, and consult with a CMC counselor. Students planning to pursue a career in Criminal Justice after graduation should include more specialization and emphasis in these courses.

There are certain minimum physical and good moral character requirements for peace officers. Students may obtain more specific information about those requirements from the department staff. Students who are transferring to Copper Mountain College from another college must take at least six (6) units of Criminal Justice courses at Copper Mountain College, in addition to regular required courses to be eligible for graduation.

Certification and approval of the Criminal Justice curriculum has been received from the California State Commission of Peace Officer Standards and Training.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Demonstrate a global awareness of criminal justice systems and related legal procedures (ILOs: Personal Development)
2. Identify concepts and trends associated with criminal justice research. (ILOs: Communication Skills)
3. Apply critical thinking to the use of various terminologies and theoretical constructs associated with criminal justice (ILOs: Information Competency and Critical Thinking Skills)
4. Demonstrate competency in criminal justice methods, diversity, and various core principals associated with criminal justice in America. (ILOs: Ethics)

Associate in Science in ADMINISTRATION OF JUSTICE

Associate Degree for Transfer
A Degree with a Guarantee.™

for transfer

The Associate in Science Degree in Administration of Justice for Transfer is designed for students pursuing degrees in Criminal Justice or Administration of Justice. A degree in Administration of Justice enables students to pursue careers in law enforcement, private security, Corrections/Rehabilitation, and various courts and legal occupations. Successful completion of the transfer degree in Criminal Justice guarantees the student acceptance to a local California State University to pursue a baccalaureate degree in Criminal Justice or a related field.

A "C" grade in all courses for the major is required.

This degree includes the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements.
   (B) AA minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Understand the theoretical and ethical concepts that are incorporated in the academic study of criminal justice.
2. Understand the different levels of abstraction that comprise criminal justice systems and work modalities.
3. Demonstrate the fundamental constructs required to solve real-life issues and problems affiliated with working in criminal justice occupations.

Dept. /No.	Title	Units
Required Courses:		
CJ 001	Introduction to Criminal Justice	3
CJ 002	Criminal Law	3
List A - Select two (6 units) courses:		
CJ 003, CJ 005A, CJ 006, CJ 010, CJ 030		6
List B - Select two (6 units) courses:		
Course from List A not already used, SOCI C1000, SOCI 003 or STAT C1000, CJ 007, CJ 032, or PSYC C1000		6
Total Units for the Major		18-19
Cal-GETC General Education Units		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		65-67
Advisor:	J. Brakebill	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

ADULT EDUCATION PROGRAM

The Adult High School Diploma provides adult learners the opportunity to complete the requirements necessary to earn a high school diploma granted by Copper Mountain College. Previous work done in accredited high schools can be transferred and counted to satisfy the requirements. Students must successfully earn a total of 160 high school credits in categories that are defined and aligned with Title 5 § 55154. Students must also demonstrate competence in reading, writing, and mathematics. Students should note that there is a 20-credit residency requirement.

This program offers a selection of noncredit courses required to earn the adult high school diploma. Courses are generally offered in a self-paced format, and students may enroll at any time during the semester. Support and assessment is provided by qualified faculty.

In collaboration with a counselor, students may be able to select college courses that satisfy the high school requirement while earning college credits.

For adult learners entering the adult high school completion program, previous work done in accredited high schools, except for physical education courses, can be transferred to this program. Another advantage to the high school diploma program is that students can even take college courses at Copper Mountain College to fulfill their high school credit requirements, thereby completing their high school coursework while simultaneously getting college credit. Students who choose to enroll in college courses may also be eligible for financial aid. Pregnant or parenting minors may enter the program under the age of 18. For information on the High School Completion program please call the Adult Education Program at (442) 241-5534 or email us: aep@cmccd.edu

CMC also offers a program to prepare students for the official GED Test. Most businesses and governmental agencies accept the GED Certificate in lieu of the high school diploma, and our courses help the adult learner gain the skills needed to succeed. For information on the GED Preparation program please call the Adult Education Program at (442) 241-5534 or email us: aep@cmccd.edu.

The Military Academic Skills Program (MASP) is offered approximately 10 times a year in four-week modules at the Marine Corps Air Ground Combat Center campus in Twentynine Palms. This course is offered at no charge. While priority is given to active-duty service members, this refresher course in English and/or math skills is available to anyone. For information regarding MASP, please call Military Base Programs at (760) 366-3791, ext. 4368. See English as a Second language (ESL), listed separately, for more information.

ADULT HIGH SCHOOL DIPLOMA

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Demonstrate proficiency in reading, writing, and math, leading to an earned high school diploma. (ILOs: Communication, Critical Thinking, Ethics, Personal Development and Information Competency)
2. Enroll in, and complete, college-level course work and/or successfully enter the workforce. (ILOs: Personal Development)

Dept./No.	Title	High School Credits
AE 310A & B	English Composition	10
AE 312A & B	Introduction to Literature	10
AE 320A & B	American Literature	10
AE 321A & B	British Literature	10
AE 330A & B	Beginning Math Skills	10
AE 432A & B	Pre-Algebra	10
AE 434A & B	Algebra	10
AE 450A & B	World History	10
AE 451A & B	United States History	10
AE 452	American Government	5

Dept./No.	Title	High School Credits
AE 453	Economics	5
AE 460A & B	Biology	10
AE 465A & B	Physical Science	10
AE 366A & B	Earth Science	10
AE 368	Environmental Science	10
AE 470	Health Science	5
AE 340A & B	World Geography & Cultures	10
AE 384	Women's Studies	5
AE 387	Introduction to Archaeology	5
AE 388	Gothic Literature	5

Although all courses are noncredit, and thus have a unit rating of "0" in a collegiate curriculum, a total of 160 high school credits are required to earn an Adult High School Diploma. One hundred and fifteen (115) credits are discipline specific; the remaining forty-five (45) credits are electives. Transfer credits from previous accredited institutions are accepted toward the 160 credit requirement. Students are also eligible to enroll in appropriate college-level courses to meet requirements.

Advisor: E. Weatherup

GED Preparation

The General Education Development (GED) Preparation Program is an alternative to the adult high school diploma that is accepted by many employers, colleges, vocational training programs and governmental agencies. Students who wish to prepare for this high school equivalency exam prepare in five areas: science, social studies, language arts - reading, mathematics, and language arts-writing. Successful candidates receive their official GED Certificate from the state of California.

AE 390	GED Prep Science	AE 395	GED Prep Language Arts
AE 392	GED Prep Social Studies	AE 396	GED Prep Math Reasoning

ANTHROPOLOGY

Associate in Arts in ANTHROPOLOGY
for transfer

The Associate in Arts in Anthropology for Transfer degree provides a study of humankind around the world and throughout time, with the goal of understanding our evolutionary origins, our biological distinction as a species, and our diverse manifestations of culture. As such, it has the broadest scope of any of the social sciences. The Associate in Arts in Anthropology for Transfer degree includes basic introductory courses in cultural and physical anthropology as well as archaeology and aids in the seamless transfer to a California State University for completion of a baccalaureate degree in Anthropology or a similar major.

In addition to helping students meet general education and core requirements for transfer to an upper-level anthropology program, these courses are designed to help students understand the structure, processes, and functions of culture, the key theoretical approaches and insights that inform anthropology, and the role of anthropological theory and research methods in understanding cultures and societies. Further, a degree in anthropology provides the student with basic skills in critical analysis, application of the scientific method, and cross-cultural understanding.

With the goal of understanding people in all parts of the world, anthropology is useful to anyone living or working in a multicultural environment, such as the business world, health sciences, or any other profession which involves working with people from diverse backgrounds. The courses within this department are designed to provide students with survival skills for the global community in which we live, a community in which all of the world's people are interdependent. Anthropologists with graduate degrees work in archaeological excavation, exploration, and museum management to the analysis of cultures, linguistics, forensics, primatology, teaching, and consulting with governmental and educational institutions. To earn an A.A.-T degree, students must complete:

This Associate in Arts in Anthropology for Transfer includes the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements; and
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

(3) A grade of "C" or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Collect, analyze, and interpret data using scientific methods and relevant theories as applied to the biological and cultural evolution of humans. (Institutional SLOs: Critical Thinking and Information Competency)
2. Utilize the precise and objective analysis of relevant data in formulating scientific generalizations to resolve problems associated with culture. (Institutional SLOs: Critical Thinking)
3. Communicate a respect for diversity in the evaluation of the nature and origins of culture as formed in various geographic environments. (Institutional SLOs: Communication, Ethics, and Personal Development)

Dept. /No.	Title	Units
Required Courses:		
ANTH 001	Introduction to Physical Anthropology	3
ANTH 002	Cultural Anthropology	3
ANTH 003	Archaeology, An Introduction to Prehistory	3
SOCI 003	Fundamentals of Statistics	4
EGSJ 020	Native American Studies	3
Select one (1) course from the following (3 units):		
GEOG 002, PHIL 012, or SOCI 014		3
Total Units for the Major		19
Cal-GETC General Education Units		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60
Advisor:	D. Pieper	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

ART

Associate in Arts in ART HISTORY
for transfer

Associate Degree for Transfer
A Degree with a Guarantee™

Copper Mountain College's Associate in Arts in Art History for Transfer offers introductory and intermediate level courses in drawing, painting, sculpture, ceramics, printmaking, graphic design, and computer art, as well as courses in art appreciation and art history. The Associate in Arts in Art History for Transfer is designed to prepare students for transfer into the CSU system to complete a baccalaureate degree in Art History or a similar major.

The Associate in Arts in Art History for Transfer's art practice, art theory and history courses, allows students to develop an awareness and understanding of materials, tools, rationale and significance of art in society. The art curriculum's critical thinking and technical skill components encourage students to utilize independent thought processes and develop problem solving abilities.

This Associate in Arts in Art History for Transfer also includes the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  (A) The Cal-GETC General Education-Breadth Requirements.
  (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

(3) A grade of "C" or "P" or better in all courses required for the major or area of emphasis.

The Associate in Arts in Art History for Transfer is designed to provide students with strong foundations for the study of Art History at a baccalaureate level and to assist in the seamless transfer to a California State University. Students wishing to major in Art History should first confer with an art program advisor to discuss career and possible transfer plans so that specific requirements can be met. Students intending to transfer to a four-year college should also consult that college for specific requirements, visit the Assist website at www.assist.org, and consult with a CMC counselor.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Understand and demonstrate knowledge of developments in world and American art history and be able to place their own work in that context. (Institutional SLOs: Critical Thinking, Personal Development, and Information Competency)
2. Understand and demonstrate skills in the techniques of creating with their chosen mediums. This includes both the practical way things are constructed with craftsmanship and the theoretical and conceptual framework of how ideas are modeled into form. (Institutional SLOs: Critical Thinking, Personal Development, and Information Competency)
3. Analyze and articulate critiques of their own work, the work of other students, and works from art history. This includes command and use of the specialized vocabulary in the visual art disciplines. (Institutional SLOs: Communication, Critical Thinking, Ethics, and Information Competency)

Dept. /No.	Title	Units
Required Courses:		
ART 001A	Fundamentals of Drawing and Composition	3
ARTH C1100	Survey of Art from Prehistory to the Medieval Era	3
ARTH C1200	Survey of Art from the Renaissance to Contemporary	3
Select one (1) course from the following (3 units):		
ART 052, ART 053		3
Select two (2) courses from the following (6 units):		
ART 052 or ART 053 may be selected if it has not been used to fulfill a requirement above:		
ART 003A, ART 004, ART 005A, ART 007A, ART 011A, ART 031, ART 040, ART 052, ART 053; ART 023A or ART 009A		6
Total Units for the Major		18
Cal-GETC General Education Units		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60-63
Advisor:	C. Allred	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Associate in Arts in STUDIO ARTS
for transfer

Copper Mountain College's Art curriculum offers introductory and intermediate level courses in drawing, painting, sculpture, ceramics, printmaking, graphic design, and computer art, as well as courses in art appreciation and art history. The program provides transfer opportunities as well as personal enrichment for students.

The program's art practice, art theory and history courses, allows students to develop an awareness and understanding of materials, tools, rationale and significance of art in society. The art curriculum's critical thinking and technical skill components encourage students to utilize independent thought processes and develop problem solving abilities.

A "C" grade in all courses for the major is required.

The Associate in Arts in Studio Arts for Transfer also includes the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements; and
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

The Associate in Arts in Studio Arts for Transfer is designed to provide students with strong foundations for the study of studio art and to assist in the seamless transfer to a California State University. Students wishing to major in Art should first confer with an art program advisor to discuss career and possible transfer plans so that specific requirements can be met. Students intending to transfer to a four-year college should also consult that college for specific requirements, visit the Assist website at www.assist.org, and consult with a CMC counselor.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Understand and demonstrate knowledge of developments in world and American art history and be able to place their own work in that context. (Institutional SLOs: Critical Thinking, Personal Development, and Information Competency)
2. Understand and demonstrate skills in the techniques of creating with their chosen mediums. This includes both the practical way things are constructed with craftsmanship and the theoretical and conceptual framework of how ideas are modeled into form. (Institutional SLOs: Critical Thinking, Personal Development, and Information Competency)
3. Analyze and articulate critiques of their own work, the work of other students, and works from art history. This includes command and use of the specialized vocabulary in the visual art disciplines. (Institutional SLOs: Communication, Critical Thinking, Ethics, and Information Competency)

Dept. /No.	Title	Units
Required Courses:		
ART 001A	Fundamentals of Drawing and Composition	3
ART 003A	Introduction to Two-Dimensional Design	3
ART 004	Three-Dimensional Design	3
ARTH C1200	Survey of Art from the Renaissance to Contemporary	3
Select one (1) course from the following (3 units):		
ARTH C1100 , ART 052, ART 053		3
Select three (3) courses from the following (9 units):		
ART 007A, ART 009A, ART 011A, ART 023A, ART 031, ART 040; you may also choose ART 001B or ART 005A as one of your 3 courses		9
Total Units for the Major		24
Cal-GETC General Education Units		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60
Advisor:	C. Allred	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

AUTOMOTIVE TECHNOLOGY

The Automotive Technology Program curriculum is designed to meet the requirements and standards set forth by the NSE Education Foundation and to provide the automotive student with a solid foundation in the fundamentals of state of the art automotive systems theory and repair practices. This approach is intended to provide the student with the minimum training necessary to gain an entry-level position within the automotive service and/or repair industry.

Associate in Science in AUTOMOTIVE TECHNOLOGY

with emphasis on employment preparation

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Identify the components, perform service on, and describe the construction features, theory and/or operating principles related to the eight general automotive areas of ASE certification.* (ILOs: Information Competency) *Dependent upon restrictive electives chosen.
2. Use various automotive test equipment: to diagnose vehicle component failures, determine the logical cause of the failure through complete and accurate analysis (either mechanical or electrical), evaluate and discuss findings, prepare a written estimate of needed system repairs, estimate the related costs, and perform and verify correct repairs in all eight general automotive areas of ASE certification.* (ILOs: Communication Skills, Critical Thinking, and Information Competency) *Dependent upon restrictive electives chosen.
3. Utilize applicable vehicle service information to locate pertinent procedures and specifications related to the inspection, service, diagnosis, repair, adjustment of all automotive systems, and document the services. (ILOs: Information Competency)
4. Demonstrate proper use and safety practices associated with common automotive technician hand tools, precision measuring tools, power equipment, standard automotive laboratory equipment, and repair and service associated with electrical, hydraulic and mechanical systems. (ILOs: Information Competency)
5. Work independently and in groups to diagnose, service, repair, and maintain vehicles. (ILOs: Personal Development)
6. Exhibit professionalism, sensitivity, tact, integrity, and appropriate communication skills when handling customer/co-worker needs, complaints, questions, and special challenges. (ILOs - Personal Development, Ethics, Communication Skills)

Dept. /No.	Title	Units
Required Courses:		
AUTO 004	Principles of Automotive Technology	4
AUTO 018	Engine Performance I	4
AUTO 020	Automotive Electrical Systems I	4
AUTO 021	Automotive Electrical Systems II	4
AUTO 029	Engine Performance II	4
AUTO 035	Automotive Steering, Suspension and Alignment	4
AUTO 036	Automotive Brake Systems	4
AUTO 044	Automotive Engine Repair	4
AUTO 045	Automatic Transmissions and Transaxles	
	or	
AUTO 065	Manual Transmissions & Transaxles	4
AUTO 028	Introduction to Hybrid & Electric Vehicle Technology	
	or	
AUTO 078	Hybrid and Alternative Fuel Vehicles	3-4
BUMA 010	Introduction to Business	3
Restricted Electives - choose at least three (3) units from the following:		
AUTO 027, AUTO 060, CIS 070A, AUTO 045 or AUTO 065, and		
AUTO 028 or AUTO 078		3-5
Required Courses		42-43
Restricted Electives		3-5
CMC General Education Requirement		21
MINIMUM DEGREE UNITS		66
Advisor:	T. Hudgins	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Certificate of Achievement in AUTOMOTIVE TECHNOLOGY

with emphasis on employment preparation

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Identify the components, perform service on, and describe the construction features, theory and/or operating principles in six or more of the eight general automotive areas of ASE certification*. (ILOs: Information Competency) *Dependent upon restrictive electives chosen.
2. Use various automotive test equipment: to diagnose vehicle component failures, determine the logical cause of the failure through complete and accurate analysis (either mechanical or electrical), evaluate and discuss findings, prepare a written estimate of needed system repairs, estimate the related costs, and perform and verify correct repairs in six or more of the eight general automotive areas of ASE certification*. (ILOs: Communication, Critical Thinking, and Information Competency) *Dependent upon restrictive electives chosen.
3. Utilize applicable vehicle service information to locate pertinent procedures and specifications related to the inspection, service, diagnosis, repair, adjustment of various automotive systems, and document the services. (ILOs: Information Competency)
4. Demonstrate proper use and safety practices associated with common automotive technician hand tools, precision measuring tools, power equipment, standard automotive laboratory equipment, and repair and service associated with electrical, hydraulic and mechanical systems. (ILOs: Information Competency)
5. Work independently and in groups to diagnose, service, repair, and maintain vehicles. (ILOs: Personal Development)
6. Exhibit professionalism, sensitivity, tact, integrity, and appropriate communication skills when handling customer/co-worker needs, complaints, questions, and special challenges. (ILOs: Personal Development, Ethics, Communication)

Dept. /No.	Title	Units
Required Courses:		
AUTO 004	Principles of Automotive Technology	4
AUTO 018	Engine Performance I	4
AUTO 020	Automotive Electrical Systems I	4
AUTO 021	Automotive Electrical Systems II	4
AUTO 035	Automotive Steering, Suspension and Alignment	4
AUTO 036	Automotive Brake Systems	4
AUTO 044	Automotive Engine Repair	4
AUTO 028	Introduction to Hybrid & Electric Vehicle Technology	
	or	
AUTO 078	Hybrid and Alternative Fuel Vehicles	3-4
Restricted Electives - choose at least three (3) units from the following:		
AUTO 027, AUTO 045, AUTO 060, AUTO 065, and AUTO 028 or AUTO 078		3-5
Required Courses		31-32
Restricted Electives		3-5
MINIMUM CERTIFICATE UNITS		34
Advisor:	T. Hudgins	

Certificate of Achievement in ALTERNATIVE FUEL VEHICLES

with emphasis on employment preparation

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Identify the components, perform service on, and describe the construction features, theory and/or operating principles related to hybrid and alternative fuel vehicles in preparation for ASE L3 certification. (ILOs: Information Competency)
2. Use various automotive test equipment: to diagnose vehicle component failures, determine the logical cause of the failure through complete and accurate analysis (either mechanical or electrical), evaluate and discuss findings, prepare a written estimate of needed system repairs, estimate the related costs, and perform and verify correct repairs related to hybrid and alternative fuel vehicle concerns. (ILOs: Communication, Critical Thinking, and Information Competency)
3. Utilize applicable vehicle service information to locate pertinent procedures and specifications related to the inspection, service, diagnosis, repair, adjustment of various hybrid and alternative fuel vehicle systems, and document the services. (ILOs: Information Competency)
4. Demonstrate proper use and safety practices associated with common automotive technician hand tools, precision measuring tools, power equipment, standard automotive laboratory equipment, and repair and service associated with electrical, hydraulic and mechanical systems. (ILOs: Information Competency)
5. Work independently and in groups to diagnose, service, repair, and maintain vehicles. (ILOs: Personal Development)
6. Exhibit professionalism, sensitivity, tact, integrity, and appropriate communication skills when handling customer/co-worker needs, complaints, questions, and special challenges. (ILOs: Personal Development, Ethics, Communication)

Dept. /No.	Title	Units
Required Courses:		
AUTO 004	Principles of Automotive Technology	4
AUTO 018	Engine Performance I	4
AUTO 020	Automotive Electrical Systems I	4
AUTO 028	Introduction to Hybrid and Electric Vehicle Technology	3
AUTO 045	Automatic Transmissions and Transaxles	4
AUTO 078	Hybrid and Alternative Fuel Vehicles	4
MINIMUM CERTIFICATE UNITS		23
Advisor:	T. Hudgins	

Certificate of Achievement in ENGINE PERFORMANCE AND DRIVEABILITY

with emphasis on employment preparation

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Identify the components, perform service on, and describe the construction features, theory and/or operating principles related to Engine Performance and Drivability in preparation for ASE A8 certification. (ILOs: Information Competency)
2. Use various automotive test equipment: to diagnose vehicle component failures, determine the logical cause of the failure through complete and accurate analysis (either mechanical or electrical), evaluate and discuss findings, prepare a written estimate of needed system repairs, estimate the related costs, and perform and verify correct repairs related to engine performance issues. (ILOs: Communication, Critical Thinking, and Information Competency)
3. Utilize applicable vehicle service information to locate pertinent procedures and specifications related to the inspection, service, diagnosis, repair, adjustment of various components that directly affect automotive engine performance, and document the services. (ILOs: Information Competency)
4. Demonstrate proper use and safety practices associated with common automotive technician hand tools, precision measuring tools, power equipment, standard automotive laboratory equipment, and repair and service associated with electrical, hydraulic and mechanical systems. (ILOs: Information Competency)
5. Work independently and in groups to diagnose, service, repair, and maintain vehicles. (ILOs: Personal Development)
6. Exhibit professionalism, sensitivity, tact, integrity, and appropriate communication skills when handling customer/co-worker needs, complaints, questions, and special challenges. (ILOs: Personal Development, Ethics, Communication)

Dept. /No.	Title	Units
Required Courses:		
AUTO 004	Principles of Automotive Technology	4
AUTO 018	Engine Performance I	4
AUTO 020	Automotive Electrical Systems I	4
AUTO 029	Engine Performance II	4
AUTO 045	Automatic Transmissions and Transaxles	4
AUTO 028	Introduction to Hybrid & Electric Vehicle Technology	
	or	
AUTO 078	Hybrid and Alternative Fuel Vehicles	3-4
MINIMUM CERTIFICATE UNITS		23
Advisor:	T. Hudgins	

Certificate of Achievement in HEATING AND AIR CONDITIONING SERVICES AND REPAIR

with emphasis on employment preparation

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Identify the components, perform service on, and describe the construction features, theory and/or operating principles related to automotive heating and air conditioning in preparation for ASE A7 certification. (ILOs: Information Competency)
2. Use various automotive test equipment: to diagnose vehicle component failures, determine the logical cause of the failure through complete and accurate analysis (either mechanical or electrical), evaluate and discuss findings, prepare a written estimate of needed system repairs, estimate the related costs, and perform and verify correct repairs related to automotive air conditioning and heating systems. (ILOs: Communication, Critical Thinking, and Information Competency)
3. Utilize applicable vehicle service information to locate pertinent procedures and specifications related to the inspection, service, diagnosis, repair, adjustment of various automotive air conditioning and heating systems, and document the services. (ILOs: Information Competency)
4. Demonstrate proper use and safety practices associated with common automotive technician hand tools, precision measuring tools, power equipment, standard automotive laboratory equipment, and repair and service associated with electrical, hydraulic and mechanical systems. (ILOs: Information Competency)
5. Work independently and in groups to diagnose, service, repair, and maintain vehicles. (ILOs: Personal Development)
6. Exhibit professionalism, sensitivity, tact, integrity, and appropriate communication skills when handling customer/co-worker needs, complaints, questions, and special challenges. (ILOs: Personal Development, Ethics, Communication)

Dept. /No.	Title	Units
Required Courses:		
AUTO 004	Principles of Automotive Technology	4
AUTO 020	Automotive Electrical Systems I	4
AUTO 044	Automotive Engine Repair	4
AUTO 060	Automotive Heating and Air Conditioning	4
MINIMUM CERTIFICATE UNITS		16
Advisor:	T. Hudgins	

Certificate of Achievement in STEERING AND SUSPENSION SERVICE

with emphasis on employment preparation

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Identify the components, perform service on, and describe the construction features, theory and/or operating principles related to suspension and steering in preparation for ASE A4 certification. (ILOs: Information Competency)
2. Use various automotive test equipment: to diagnose vehicle component failures, determine the logical cause of the failure through complete and accurate analysis (either mechanical or electrical), evaluate and discuss findings, prepare a written estimate of needed system repairs, estimate the related costs, and perform and verify correct repairs related to automotive steering and suspension issues. (ILOs: Communication, Critical Thinking, and Information Competency)
3. Utilize applicable vehicle service information to locate pertinent procedures and specifications related to the inspection, service, diagnosis, repair, adjustment of various automotive steering and suspension systems, and document the services. (ILOs: Information Competency)
4. Demonstrate proper use and safety practices associated with common automotive technician hand tools, precision measuring tools, power equipment, standard automotive laboratory equipment, and repair and service associated with electrical, hydraulic and mechanical systems. (ILOs: Information Competency)
5. Work independently and in groups to diagnose, service, repair, and maintain vehicles. (ILOs: Personal Development)
6. Exhibit professionalism, sensitivity, tact, integrity, and appropriate communication skills when handling customer/co-worker needs, complaints, questions, and special challenges. (ILOs: Personal Development, Ethics, Communication)

Dept. /No.	Title	Units
Required Courses:		
AUTO 004	Principles of Automotive Technology	4
AUTO 020	Automotive Electrical Systems I	4
AUTO 035	Automotive Steering, Suspension and Alignment	4
AUTO 036	Automotive Brake Systems	4
MINIMUM CERTIFICATE UNITS		16
Advisor:	T. Hudgins	

Certificate of Achievement in TRANSMISSION SERVICE, REPAIR, AND OVERHAUL

with emphasis on employment preparation

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Identify the components, perform service on, and describe the construction features, theory and/or operating principles related to manual and automatic transmissions in preparation for ASE A2 and A3 certification. (ILOs: Information Competency)
2. Use various automotive test equipment: to diagnose vehicle component failures, determine the logical cause of the failure through complete and accurate analysis (either mechanical or electrical), evaluate and discuss findings, prepare a written estimate of needed system repairs, estimate the related costs, and perform and verify correct repairs related to various manual and automatic transmissions issues. (ILOs: Communication, Critical Thinking, and Information Competency)
3. Utilize applicable vehicle service information to locate pertinent procedures and specifications related to the inspection, service, diagnosis, repair, adjustment of various automotive transmission systems, and document the services. (ILOs: Information Competency)
4. Demonstrate proper use and safety practices associated with common automotive technician hand tools, precision measuring tools, power equipment, standard automotive laboratory equipment, and repair and service associated with electrical, hydraulic and mechanical systems. (ILOs: Information Competency)
5. Work independently and in groups to diagnose, service, repair, and maintain vehicles. (ILOs: Personal Development)
6. Exhibit professionalism, sensitivity, tact, integrity, and appropriate communication skills when handling customer/co-worker needs, complaints, questions, and special challenges. (ILOs: Personal Development, Ethics, Communication)

Dept. /No.	Title	Units
Required Courses:		
AUTO 004	Principles of Automotive Technology	4
AUTO 018	Engine Performance I	4
AUTO 020	Automotive Electrical Systems I	4
AUTO 045	Automatic Transmissions and Transaxles	4
AUTO 065	Manual Transmissions and Transaxles	4
MINIMUM CERTIFICATE UNITS		20
Advisor:	T. Hudgins	

BIOLOGY

Associate in Science in BIOLOGY
for transfer

Associate Degree for Transfer
A Degree with a Guarantee.™

The Associate in Science in Biology for Transfer, also called the Biology AS-T Degree, is designed to prepare students for a seamless transfer with junior status to a CSU campus in a program or major in Biology for completion of a baccalaureate degree. Upon successful completion of courses leading to the Biology AS-T Degree the student will be able to know and understand Biology concepts, skills and applications to attain upper division status in Biology at any CSU institution.

This Biology AS-T degree requires students to meet both of the following requirements:

(1) Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements.
   (B) A minimum of 18 semester units in a major or area of emphasis. All courses in the major or area of emphasis must be completed with a grade of "C" or "P" or better.

(2) Obtainment of a minimum grade point average of 2.0. There are no additional graduation requirements. Students are advised to consult with a counselor to verify transfer requirements

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Compare and contrast best practices in biology including ethical behavior and peer-reviewed research. (Institutional Learning Outcomes 3 Ethics and 4 Personal Development)
2. Utilize scientific methods to empirically test hypotheses and apply findings within the context of the sciences. (Institutional Learning Outcomes 2 Critical Thinking Skills and 5 Information Competency)
3. Collaboratively analyze collected data using problem-based learning and communicate findings in written and oral forms. (Institutional Learning Outcomes 1 Communication Skills and 5 Information Competency).

Dept. /No.	Title	Units
Required Courses:		
BIOL 005	Molecular and Cellular Biology	4
BIOL 006	Biology of Organisms	4
CH 001A	General Chemistry	5
CH 001B	General Chemistry	5
MATH C2210	Calculus I: Early Transcendentals	4
Physics Requirement:		
Choose one series (PH 002A & 002B) OR (PH 004A & 004B):		
PH 002A	College Physics	4
PH 002B	College Physics	4
OR		
PH 004A	Physics for Scientists and Engineers	4
PH 004B	Physics for Scientists and Engineers	4
Required Courses		32-33
Cal-GETC General Education Requirements		31-33
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		66
Advisors:	A. Basu, P. Delaney	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

BUSINESS

The study of business opens up a world of opportunity. Whether you wish to build your administrative skills, own your own business, or work as an accountant in a Fortune 500 company, your business studies start here. Certificates offered by the business program are designed to aid in developing a focused skill set that can improve short-term employment outlook or provide professional development. The business program offers two transferable associate degrees in Business Administration, designed to prepare you for university studies and streamline your admission process. One provides guaranteed transfer to a California State University (CSU) while the other offers preparation for students interested in transfer to other institutions. Students should discuss which degree would best meet their needs with a counselor or academic advisor.

If you do not plan on transferring to a four-year institution, a choice of an Associate in Science in General Business with one of five concentration areas is available. The vocational programs have been carefully designed to provide skills that are immediately marketable in the local business area.

Associate in Science in BUSINESS ADMINISTRATION 2.0

Associate Degree for Transfer
A Degree with a Guarantee.

for transfer

The Associate in Science in Business Administration for Transfer degree is designed for students planning to transfer to a four-year university and major in general business or a more specialized field of business such as finance, financial planning, accounting, computer information systems, entrepreneurship, hospitality, human resources, international business, real estate, marketing, or management. The intent of the degree is to assist students in seamlessly transferring to a California State University. However, transfer requirements at four-year colleges and universities tend to vary from institution to institution; students should consult with a counselor or advisor for specific information regarding the transfer requirements of their preferred college or university.

The Associate in Science in Business Administration for Transfer degree provides a study of basic principles and techniques to effectively manage and lead organizations. Even students who choose not to major in business administration find that coursework in the field can improve their ability to think critically, problem-solve, manage their lives, and understand the economic issues that engage our world, our country, and our communities.

Common careers relating to the study of Business Administration include Business Analysis, Accounting, Administration of Information Systems, Production and Operations Management, Outside Marketing, Sales, Financial Planning, Banking, and Business Services. These careers often depend on the area of concentration completed by students at their transfer institution.

Students must complete required courses with a "C" or "P" minimum in addition to the following requirements:.

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Understand, interpret, and use financial accounting information to make financial decisions. (Institutional SLOs: Communication, Critical Thinking, and Personal Development).
2. Complete bookkeeping functions for payroll, purchasing, accounts payable, asset acquisition and disposition, and bank reconciliation. (Institutional SLO: Critical Thinking).
3. Apply economic models to plan, control, and assess managerial decisions. (Institutional SLO: Critical Thinking)
4. Demonstrate a basic knowledge of the legal system and how business law impacts commerce; distinguish unethical from illegal behavior; and understand the importance of social responsibility for organizations. (Institutional SLOs: Ethics and Personal Development)
5. Develop, use, and integrate computation skills at all levels and select the technological resources available for calculation, analysis, and interpretation of data. (Institutional SLOs: Critical Thinking and Information Competency)
6. Articulate how the economic system operates and the roles of institutions and individuals in the system. (Institutional SLO: Communication)
7. Utilize information technology to solve business problems and articulate why information technology is an indispensable resource for organizational and personal productivity. (Institutional SLOs: Communication and Information Competency)
8. Analyze world economic trends and their impact on financial and business decisions. (Institutional SLO: Critical Thinking)

Dept. /No.	Title	Units
Required Courses:		
ACCT 001	Financial Accounting	4.5
ACCT 002	Managerial Accounting	3.5
BUMA 010	Introduction to Business	3
BUMA 020A	Business Law	3
ECON C2002	Principles of Macroeconomics	3
ECON C2001	Principles of Microeconomics	3
Math Requirement:		
MATH 010	College Algebra for Liberal Arts	4
or		
MATH 012	Pre-Calculus & Trigonometry	6
or		
MATH C2210	Calculus I: Early Transcendentals	4
Statistics Requirement:		
STAT C1000	Introduction to Statistics	4
or		
SOCI 003	Fundamentals of Statistics	4
Required Courses		28-30
Cal-GETC General Education Requirement		34
Transferable elective units as needed.		
MINIMUM DEGREE UNITS		62-68
Advisor:	J. Haig	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Associate in Science in GENERAL BUSINESS

with emphasis on employment preparation

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Perform routine business transactions in accordance with legal and regulatory guidelines and best practices in business. (ILOs: Critical Thinking)
2. Incorporate relevant economic information into business decisions. (ILOs: Information Competency, Ethics)
3. Utilize appropriate electronic resources to perform business tasks. (ILOs: Information Competency)

Dept. /No.	Title	Units
Required Courses:		
BUAC 066	Bookkeeping	3
BUMA 001	Principles of Management	3
BUMA 010	Introduction to Business	3
BUMA 020A	Business Law	3
BUMA 027	Marketing	3
CIS 070A	Computer Business Applications for Windows	3
ECON C2002	Principles of Macroeconomics	3
ECON C2001	Principles of Microeconomics	3
Required Work Experience: *Take at least one (1) unit of work experience. A maximum of four (4) units may be counted toward this degree.*		
BUWE 080	Work Experience - Business	1
BUWE 081	Work Experience - Business	2
BUWE 082	Work Experience - Business	3
BUWE 083	Work Experience - Business	4
BUWE 084	Work Experience - Retail Kiosk Operations	1

There are two options for course selection to complete the Associate in Science in General Business. In addition to the courses above, select from the following list of courses for general business studies or select units from a concentration area. The required number of units for restricted electives is dependent on the number of work experience units a student completes.

Restricted Electives: Select seventeen (17) units from the following for general business studies:
ACCT 001, ACCT 002 or HOSP 002, ACCT 003, ACCT 004, BUAA 001, BUAC 010, CIS 030, CIS 072D, CIS 073C, CIS 076B, CIS 082C, CULN 001A, HOSP 001, REAL 081, REAL 082, REAL 083A, REAL 084, REAL 085, REAL 086 17

Or select a concentration area:

- **Accounting**: ACCT 001, ACCT 002 or HOSP 002, ACCT 003, ACCT 004, CIS 072D 20
- **e-business:** BUAC 010, CIS 030, CIS 072D, CIS 082C 11
- **Hospitality:** CULN 001A, HOSP 001, HOSP 002 BUAC 010 CIS 072D 14
- **Real Estate:** REAL 081, REAL 082, REAL 083A, REAL 084, REAL 085, REAL 086 18
- **Skilled Office Professional:** BUAA 001, CIS 072D, CIS 073C, CIS 076B, CIS 082C 15

Minimum units needed for the major 42
CMC General Education Requirement 21
Additional restricted electives as needed.
MINIMUM DEGREE UNITS 63
Advisors: J. Haig, J. Powell

Certificate of Achievement in ACCOUNTING

with emphasis on employment preparation

The Accounting Certificate provides a solid foundation in the areas of financial and managerial accounting, tax preparation, and computer software skills. These skills prepare you for a new career in accounting or help you advance your current position in the accounting field.

These occupations include general accounting, cost accounting, payroll, inventory management, asset management, accounts receivable, accounts payable, budgeting and forecasting, financial analysis, individual tax return preparation, property accounting, governmental accounting, among others.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Understand, interpret, and use financial accounting information to make financial decisions. (ILOs: Communication, Critical Thinking, and Personal Development)
2. Complete bookkeeping functions for payroll, purchasing, accounts payable, asset acquisition and disposition, and bank reconciliation. (ILOs: Critical Thinking)
3. Apply economic models to plan, control, and assess managerial decisions. (ILOs: Critical Thinking)
4. Develop, use, and integrate computation skills at all levels and select the technological resources available for calculation, analysis, and interpretation of data. (ILOs: Critical Thinking and Information Competency)
5. Utilize accounting software package to manage the finances of a business. (ILOs: Information Competency)

Dept. No.	Title	Units
Required Courses:		
ACCT 001	Financial Accounting	4.5
ACCT 002	Managerial Accounting	3.5
ACCT 003	Introduction to Government and Not-for-Profit Accounting	3
ACCT 004	Tax Accounting I-Individuals	3
BUAC 010	Computer Accounting	3
CIS 070A	Computer Business Applications for Windows	3
CIS 072D	Excel I	3
Select two (2) courses from the following (6 units): ACCT 005, BUMA 020A, BUMA 010, BUAA 001, CS 073, CIS 074		6
MINIMUM CERTIFICATE UNITS		29

Advisor: J. Haig

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Certificate of Proficiency in BOOKKEEPING

with emphasis on employment preparation

The Bookkeeping Certificate provides the basic accounting and computer skills to assist you with obtaining a new career in the areas of bookkeeping, tax preparation, and accounting or provides the knowledge for you to go further in your current position.

Program Learning Outcomes

Upon completion of this certificate students will be able to:

1. Account for routine business transactions by hand and with computer accounting software. (ILOs: Information Competency)
2. Complete tax returns for individuals and sole proprietors. (ILOs: Critical Thinking)
3. Perform complex accounting tasks in spreadsheet software. (ILOs: Information Competency)

Dept. /No.	Title	Units
Required Courses:		
ACCT 001	Financial Accounting	4.5
ACCT 004	Tax Accounting I - Individuals	3
BUAC 010	Computer Accounting	3
BUAC 066	Bookkeeping	3
CIS 072D	Excel I	3
MINIMUM CERTIFICATE UNITS		16.5
Advisor:	J. Haig	

Certificate of Proficiency in OFFICE ASSISTANT

with emphasis on employment preparation

The Office Assistant Certificate provides the skills for you to be a valued member of many types of organizations from a small business to a government agency.

Program Learning Outcomes

Upon completion of this certificate students will be able to:

1. Explain the key business functions. (ILOs: Communication Skills)
2. Select and use appropriate tools to perform administrative tasks. (ILOs: Critical Thinking)
3. Utilize interpersonal skills to perform administrative tasks. (ILOs: Information Competency)

Dept. /No.	Title	Units
Required Courses:		
BUAA 001	Administrative Professional	3
BUMA 010	Introduction to Business	3
CIS 070A	Computer Business Applications for Windows	3
MINIMUM CERTIFICATE UNITS		9
Advisor:	J. Powell	

CHEMISTRY

Associate in Science in CHEMISTRY
for transfer

The Associate in Science in Chemistry for Transfer, also called the Chemistry AS-T Degree, is designed to prepare students majoring in Chemistry for a seamless transfer with junior status to a CSU campus for completion of a baccalaureate degree in Chemistry. Upon successful completion of courses leading to the Chemistry AS-T Degree, the student will be able to demonstrate that they understand fundamental General and Organic Chemistry concepts, skills, and applications, sufficient to attain upper division status in Chemistry at any CSU institution.

This Chemistry AS-T degree requires students to meet both of the following requirements:

(1) Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education Breadth Requirements; and
   (B) A minimum of 18 semester units in a major or area of emphasis. All courses in the major or area of emphasis must be completed with a grade of "C" or "P" or better.

(2) Obtainment of a minimum grade point average of 2.0.

There are no additional graduation requirements. Students are advised to consult with a counselor to verify transfer requirements.

Program Learning Outcomes

Upon successful completion of courses leading to the Chemistry AS-T Degree, students will be able to:

1. Develop a world view that incorporates the role of chemistry in modern society. (Maps to ILO 3 & 4.)
2. Integrate fundamental physical concepts and principles to other science disciplines (Maps to ILO 2 & 5.)
3. Solve novel, not previously seen, problems by employing analytical reasoning and physical concepts to formulate representative soluble chemical models. (Maps to ILO 2 & 5.)
4. Demonstrate proficiency in standard chemistry laboratory techniques commonly acquired in lower-division course work. (Maps to ILO 1 & 5.)
5. Collaboratively analyze representative chemical data using problem-solving learning and communicate findings in written and oral form. (Maps to ILO 1 & 5.)
6. Develop an awareness of the current limitations of chemistry and their own knowledge, detect pseudoscience, and demonstrate a strong work ethic, including integrity, a sense of responsibility, and team working skills. (Maps to ILO 1, 2, 3, 4, & 5.)

Dept. /No.	Title	Units
Required Courses:		
CH 001A	General Chemistry	5
CH 001B	General Chemistry	5
CH 010A	Organic Chemistry	5
CH 010B	Organic Chemistry	5
PH 004A	Physics for Scientists and Engineers	4
PH 004B	Physics for Scientists and Engineers	4
MATH C2210	Calculus I: Early Transcendentals	4
MATH C2220	Calculus II: Early Transcendentals	4
Required Courses		36
Cal-GETC General Education Requirements		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		66
Advisor:	R. Hernandez	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

COMMUNICATION STUDIES

Associate in Arts in COMMUNICATION STUDIES 2.0 for transfer

The Communications program includes an Associate in Arts Degree for Transfer in Communication Studies 2.0 consisting of courses from the Communication Studies (Speech) academic discipline and General Education areas. NOTE: Students applying any of the Communication Studies required courses to their general education package will make up an equivalent number of units by additional study related to the major chosen in consultation with an advisor from the Communications Program. Students should consider and discuss the viability of a double major with a counselor's or advisor's assistance

This Communication Studies 2.0 AA-T degree requires students to meet both of the following requirements:

1. Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
   - The Cal-GETC General Education-Breadth Requirements; and
   - A minimum of 18 semester units in a major or area of emphasis. All courses in the major or area of emphasis must be completed with a grade of "C" or "P" or better.
2. Obtainment of a minimum grade point average of 2.0. There are no additional graduation requirements. Students are advised to consult with a counselor to verify transfer requirements.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Apply the vocabulary, key concepts, and foundational principles of Communication Studies. (Institutional SLOs: Communication, Critical Thinking, and Information Competency)
2. Demonstrate an awareness of diverse communication climates and utilize effective rhetorical strategies and ethical considerations when researching, composing, and presenting materials of scholarly, social, and artistic value. (Institutional SLOs: Communication, Critical Thinking, Personal Development, Ethics, and Information Competency)
3. Utilize critical thinking as a consumer of communication and as a self-reflective communicator. (Institutional SLOs: Communication, Critical Thinking, Personal Development, Ethics, and Information Competency)

Dept./ No.	Title	Units
Required Courses:		
COMM C1000	Introduction to Public Speaking	3
COMM C1004	Interpersonal Communication	3
COMM 002	Oral Interpretation of Literature	3
COMM 007	Decision-Making and Advocacy	3
COMM 015	Intercultural Communication	3
Select one (1) course from the following (3 units):		
ANTH 002, ENGL C1001, ENGL C1002, PSYC C1000, SOCI C1000		3
Total Units for the Major		18
Cal-GETC General Education Units		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60-69
Advisor:	J. DeSantis	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

COMPUTER INFORMATION SYSTEMS

The Computer Information Systems program encompasses a broad area of study which includes basic computer concepts, microcomputer business applications and computer science concepts. This program prepares students for entry-level positions. Software studies include the latest versions of Windows, the Microsoft Office Suite, Internet applications, desktop and Web publishing. Courses are designed to develop basic and advanced computer skills and to develop problem-solving strategies.

The certificate and A.S. degree require 27 and 60 units respectively, with an emphasis on microcomputer application courses which prepare student for immediate entry into the job market. The A.S. degree also requires 18 units of general education.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Design and create solutions to a real world situation using the appropriate software. (ILOs: Information Competency)
2. Integrate text, graphics and color for designing, editing, and producing high-quality publications. (ILOs: Information Competency)
3. Analyze the goals, purpose, and mission of a website and develop design documents based on this analysis. (ILOs: Critical Thinking and Information Competency)
4. Design workflow process in the creation of real-world projects. (ILOs: Communication, Critical Thinking, and Information Competency)

Associate in Science in COMPUTER INFORMATION SYSTEMS

with emphasis on employment preparation

Dept./No.	Title	Units
Required Courses:		
CIS 070A	Computer Business Applications for Windows	3
CIS 076B	Word I	3
CIS 072D	Excel I	3
CIS 073C	Access Database Management	3
CIS 074	Excel II	3
CIS 078B	Word II	3
CS 073	Introduction to Computer Science	3
CS 086	Visual Basic Programming I	3
Restricted Electives - choose eighteen (18) units from the following:		
BUAA 001, BUAC 010, BUAC 066, BUMA 010, CS 001, CS 003, CS 004, CS 005, CS 080, CS 087, CS 089, CS 089A, CIS 030, CIS 062, CIS 063, CIS 082C, CIS 082H, CIS 086		18
Required Courses		24
Restricted Electives		18
CMC General Education Requirement		21
MINIMUM DEGREE UNITS		63

Note: To ensure an individualized education plan, we strongly urge students to meet with an Academic Advisor before selecting courses from the subject areas listed above. Some course substitutions may be approved.

Advisor: J. Powell

Certificate of Achievement in COMPUTER INFORMATION SYSTEMS

with emphasis on employment preparation

Dept./No.	Title	Units
Required Courses:		
CIS 070A	Computer Business Applications for Windows	3
CIS 076B	Word I	3
CIS 072D	Excel I	3
CIS 073C	Access Database Management	3
CIS 074	Excel II	3
CIS 078B	Word II	3
CS 086	Visual Basic Programming I	3
Restricted Electives - choose six (6) units from the following:		
BUAA 001, BUAC 066, BUMA 010, CS 001, CS 003, CS 004, CS 005, CIS 030, CIS 062, CIS 063, CIS 082C, CIS 082H		6
Required Courses		21
Restricted Electives		6
MINIMUM CERTIFICATE UNITS		27

Note: To ensure an individualized educational plan, we strongly urge students to meet with an Academic Advisor before selecting courses from the subject areas listed above. Some course substitutions may be approved.

Advisor: J. Powell

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Certificate of Achievement in COMPUTER-AIDED DESIGN AND DRAFTING (CADD) TECHNICIAN

with emphasis on employment preparation

Copper Mountain College offers courses in the Computer-Aided Design and Drafting (CADD) field that will count toward a certificate. These courses are designed for students who plan to gain employment in the CADD Industry, or as a refresher for those individuals currently employed in any area of CADD. Students learn AutoCAD Drafting Software used in all areas of drafting. Computer-Aided Design and Drafting skills can be utilized by architects, engineers, landscapers, fabricators, 3-D printing and Geographic Information Systems (GIS).

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Compose advanced CADD 2-D drawings and identify computer concepts and terms including the CADD Draw, Modify, Layers, Annotation and Properties menus and utilize their functions and draw an accurate representation of a complex two-dimensional object at an advanced level (ILOs: Communication Skills, Critical Thinking Skills, Personal Development and Information Competency).
2. Identify the CADD Rendering and Animations menus and utilize their functions at a beginning level (ILOs: Communication Skills, Critical Thinking Skills, Ethics, Personal Development and Information Competency).
3. Compose basic CADD 3-D and GIS drawings and identify computer concepts and terms (ILOs: Communication Skills, Critical Thinking Skills, Personal Development and Information Competency).
4. Identify the various CADD and 3-D drawing and animation menus and utilize their functions (ILOs: Communication Skills, Critical Thinking Skills, Ethics, Personal Development and Information Competency).
5. Draw an accurate representation of a complex three-dimensional object and print an accurate representation of it on a 3-D Printer (ILOs: Communication Skills, Critical Thinking Skills, Ethics, Personal Development and Information Competency).
6. Conduct an effective job search in the CADD field and complete a professional application packet (ILOs: Communication Skills, Critical Thinking Skills, Ethics, Personal Development and Information Competency).

Dept./ No.	Title	Units
Required Courses:		
CADD 001	Introduction to Computer-Aided Design and Drafting Fundamentals	3
CADD 002	Intermediate computer-Aided Design and Drafting	3
CADD 003	Advanced Computer-Aided Design and Drafting, Rendering & Animation	3
CADD 004	3-Dimensional computer-Aided Design and Drafting & 3-D Printing	3
MINIMUM CERTIFICATE UNITS		12
Advisor:	A. Sambrano	

COMPUTER PROGRAMMING

There is strong demand for Computer Science majors in the work force. It is estimated that there will be 20 openings for every Computer Science graduate in the US next year. The main reason for the rapid growth is a large increase in the demand for computer software. These entry level job opportunities have excellent salary and benefits with no job experience required.

CMC offers up-to-date training with transfer degrees and certificates that will prepare you for a four-year school or the job market.

Associate in Science in COMPUTER PROGRAMMING

with emphasis on employment preparation

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Produce computer applications using structured programming techniques and object-oriented design. (ILOs: Critical Thinking and Information Competency)
2. Critically apply, analyze, and evaluate fundamental concepts of software applications and hardware development. (ILOs: Critical Thinking and Information Competency)
3. Articulate the historical evolution of computer systems, including the legal, moral, and ethical issues associated with computers. (ILOs: Critical Thinking and Ethics)
4. Design and create solutions to a real-world situation using the appropriate software. (ILOs: Information Competency)

Dept./ No.	Title	Units
Required Courses:		
CIS 070A	Computer Business Applications for Windows	3
CS 001	Microcomputer Support Specialist A+ Training	3
CS 073	Introduction to Computer Science	3
CS 086	Visual Basic Programming I	3
CS 086A	Visual Basic Programming II	3
CS 087	Assembler Language Programming	3
CS 089	C++ Programming I	3
CS 089A	C++ Programming II	3
Restricted Electives - choose eighteen (18) units from the following:		
ACCT 001, ACCT 002, ACCT 004, BUAC 010, BUAC 066, BUMA 001, BUMA 010, BUMA 020A, BUMA 027, CIS 030, CIS 062, CIS 063, CIS 072D, CIS 073C, CIS 074, CIS 076B, CIS 078B, CIS 082H, CIS 086, CS 003, CS 004, CS 005, CS 080		18
Total Units for the Major		42
CMC General Education Requirement		21
MINIMUM DEGREE UNITS		63
Advisor:	J. Powell	

Certificate of Achievement in COMPUTER PROGRAMMING

with emphasis on employment preparation

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Produce computer applications using structured programming techniques and object-oriented design. (ILOs: Critical Thinking and Information Competency)
2. Critically apply, analyze, and evaluate fundamental concepts of software applications and hardware development. (ILOs: Critical Thinking and Information Competency)
3. Articulate the historical evolution of computer systems, including the legal, moral, and ethical issues associated with computers. (ILOs: Critical Thinking and Ethics)
4. Design and create solutions to a real-world situation using the appropriate software. (ILOs: Information Competency)

Dept. /No.	Title	Units
Required Courses:		
CIS 070A	Computer Business Applications for Windows	3
CS 001	Microcomputer Support Specialist A+ Training	3
CS 073	Introduction to Computer Science	3
CS 086	Visual Basic Programming I	3
CS 086A	Visual Basic Programming II	3
CS 087	Assembler Language Programming	3
CS 089	C++ Programming I	3
CS 089A	C++ Programming II	3
Select six (6) units from the following:		
ACCT 001, ACCT 002, ACCT 004, BUAC 010, BUAC 066, BUMA 001, BUMA 010, BUMA 020A, BUMA 027, CIS 030, CIS 062, CIS 063, CIS 072D, CIS 073C, CIS 074, CIS 076B, CIS 078B, CIS 082H, CIS 086, CS 003, CS 004, CS 005, CS 080		6
MINIMUM CERTIFICATE UNITS		30
Advisor:	J. Powell	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

COMPUTER SCIENCE

Associate in Science in COMPUTER SCIENCE
for transfer

The Associate in Science degree for Transfer in Computer Science is designed for students pursuing degrees in Computer Science or Computer Engineering. Successful completion of the transfer degree in Computer Science guarantees the student acceptance to a local California State University to pursue a baccalaureate degree in Computer Science or a related field.

Students must complete required courses with a "C" or "P" minimum, in addition to the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education Breadth Requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

Obtainment of a minimum grade point average of 2.0.

There are no additional graduation requirements. Students are advised to consult with a counselor to verify transfer requirements.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Understand the ethical, mathematical, and physical concepts that underlie Computer Science.
2. Understand the different levels of abstraction that comprise Computer Science.
3. Create efficient, working computer programs that use fundamental programming constructs to solve real life problems.

Dept. /No.	Title	Units
Required Courses:		
CS 087	Assembler Language Programming	3
CS 089	C++ Programming I	3
CS 089A	C++ Programming II	3
MATH C2210	Calculus I: Early Transcendentals	4
MATH C2220	Calculus II: Early Transcendentals	4
MATH 004	Discrete Structures	3
PH 004A	Physics for Scientists and Engineers	4
Select one (1) course from the following:		
BIOL 005, BIOL 006, CH 001A, PH 004B		
Required Courses		28
Cal-GETC General Education Requirements		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		66-70
Advisor:	J. Powell	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Certificate of Achievement in COMPUTER NETWORK SUPERVISOR

with emphasis on employment preparation

This certificate demonstrates a broad understanding and high skill level of occupational computer networking, and the ability to supervise across networking disciplines.

This certificate provides the fundamentals of computer applications, science, programming, computer specialist/A+ training, computer network specialist/net+ training, computer security specialist/security+ training, and computer ethical hacking/CEH+ training.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Produce computer applications using structured programming techniques in C++ programming language.
2. Develop skills and knowledge necessary to pass the CompTIA A+ certification.
3. Demonstrate the ability to use Microsoft Windows, Word, Excel, PowerPoint, and Access to create appropriate documents, presentations, tables and reports.
4. Critically analyze, evaluate and apply fundamental concepts of software applications and hardware development.
5. Develop skills and knowledge necessary to pass the CompTIA Network+ certification.
6. Develop skills and knowledge necessary to pass the CompTIA Security+ certification.
7. Produce computer applications using structured programming techniques and object oriented design.
8. Develop skills and knowledge necessary to pass the industry standard certification.

Dept. /No.	Title	Units
Required Courses:		
CIS 070A	Computer Business Applications for Windows	3
CS 073	Introduction to Computer Science	3
CS 086	Visual Basic Programming I	3
CS 089	C++ Programming I	3
CS 001	Microcomputer Specialist/A+ Training	3
CS 003	Computer Network Specialist/CompTIA Net+ Training	3
CS 004	Computer Security Specialist / Security Training	3
CS 005	Certified Ethical Hacker	3
MINIMUM CERTIFICATE UNITS		24
Advisor:	J. Powell	

Certificate of Proficiency in COMPUTER ETHICAL HACKING SPECIALIST

with emphasis on employment preparation

This certificate provides the fundamentals of computer applications, science, programming and ethical hacking. It provides complete coverage of all the Certified Ethical Hacker (CEH) exam objectives, exam tips, scenarios, practice exam questions, and in-depth explanations. Certified Ethical Hacker (CEH) Certification is an industry standard and can increase employment opportunities. You will master ethical hacking methodology that can be used in penetration testing or ethical hacking situations.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate the ability to use Microsoft Windows, Word, Excel, PowerPoint, and Access to create appropriate documents, presentations, tables and reports.
2. Critically analyze, evaluate and apply fundamental concepts of software applications and hardware development.
3. Produce computer applications using structured programming techniques and object oriented design.
4. Develop skills and knowledge necessary to pass the industry standard certification.

Dept. /No.	Title	Units
Required Courses:		
CIS 070A	Computer Business Applications for Windows	3
CS 073	Introduction to Computer Science	3
CS 086	Visual Basic Programming I	3
CS 005	Certified Ethical Hacker	3
MINIMUM CERTIFICATE UNITS		12
Advisor:	J. Powell	

Certificate of Proficiency in COMPUTER NETWORK SPECIALIST/NET TRAINING

with emphasis on employment preparation

This certificate provides the fundamentals of computer application use, science, programming and networking. It provides complete coverage of all the CompTIA Net+ exam objectives, exam tips, scenarios, practice exam questions, and in-depth explanations. CompTIA networking certification is an industry standard and can increase employment opportunities. Topics for networking include network architectures, network installation, routing, advanced networking devices, remote connectivity, network operations, and network security.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate the ability to use Microsoft Windows, Word, Excel, PowerPoint, and Access to create appropriate documents, presentations, tables and reports.
2. Develop skills and knowledge necessary to pass the CompTIA Network+ certification.
3. Critically analyze, evaluate and apply fundamental concepts of software applications and hardware development.
4. Produce computer applications using structured programming techniques and object oriented design.

Dept. /No.	Title	Units
Required Courses:		
CIS 070A	Computer Business Applications for Windows	3
CS 073	Introduction to Computer Science	3
CS 086	Visual Basic Programming I	3
CS 003	Computer Network Specialist/Comp TIA Net+ Training	3
MINIMUM CERTIFICATE UNITS		12
Advisor:	J. Powell	

Certificate of Proficiency in COMPUTER SECURITY SPECIALIST

with emphasis on employment preparation

This certificate provides the fundamentals of computer application use, science, programming and security. It provides complete coverage of all the CompTIA Security+ exam objectives, exam tips, scenarios, practice exam questions, and in-depth explanations. CompTIA Security Certification is an industry standard and can increase employment opportunities. Topics for security include network security, compliance and operational security, threats and vulnerabilities, application, data and host security, access control and identity management and cryptography.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate the ability to use Microsoft Windows, Word, Excel, PowerPoint, and Access to create appropriate documents, presentations, tables and reports.
2. Critically analyze, evaluate and apply fundamental concepts of software applications and hardware development.
3. Produce computer applications using structured programming techniques and object oriented design.
4. Develop skills and knowledge necessary to pass the CompTIA Security+ certification.

Dept. /No.	Title	Units
Required Courses:		
CIS 070A	Computer Business Applications for Windows	3
CS 073	Introduction to Computer Science	3
CS 086	Visual Basic Programming I	3
CS 004	Computer Security Specialist / Security Training	3
MINIMUM CERTIFICATE UNITS		12
Advisor:	J. Powell	

Certificate of Proficiency in COMPUTER SUPPORT SPECIALIST

with emphasis on employment preparation

This certificate provides the fundamentals of computer application use, science, programming, repair and upgrade. It provides complete coverage of all the CompTIA A+ exam objectives, exam tips, scenarios, practice exam questions, and in-depth explanations. CompTIA A+ Certification is an industry standard and can increase employment opportunities. Topics include PC components; basic networking; operating systems installation, configuration, troubleshoots; virtualization and operational procedures.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Produce computer applications using structured programming techniques and object oriented design. (ILOs: Critical Thinking and Information Competency)
2. Critically apply, analyze, and evaluate fundamental concepts of software applications and hardware development. (ILOs: Critical Thinking and Information Competency)
3. Articulate the historical evolution of computer systems, including the legal, moral, and ethical issues associated with computers. [ILOs: Critical Thinking and Ethics]
4. Develop skills and knowledge necessary to pass the CompTIA A+ certification.

Dept. /No.	Title	Units
Required Courses:		
CIS 070A	Computer Business Applications for Windows	3
CS 001	Microcomputer Support Specialist A+ Training	3
CS 073	Introduction to Computer Science	3
CS 086	Visual Basic Programming I	3
MINIMUM CERTIFICATE UNITS		12
Advisor:	J. Powell	

CONSTRUCTION

Certificate of Achievement in Residential Construction and Maintenance

with emphasis on employment preparation

This certificate is intended to prepare students for entry-level work in residential maintenance and construction. Students will learn the basics of the construction trade and essential safety practices. The program will expose students to carpentry and plumbing, as well as initial site layout and preparation for residential construction projects. Students who complete this certificate program will be well-prepared to gain employment with contractors in the construction field, utility providers, facility maintenance organizations, and property management companies. Students further have the opportunity to gain deeper knowledge in either business management or personal finance in the context of construction trades.

Program Learning Outcomes

This program is designed for workforce preparation (CTE.) Upon successful completion of this program students will be able to:

1. Demonstrate safe job site practices. (ILOs: Critical thinking, Communication.)
2. Build and finish to specs a simple wooden structure using standard industry materials and techniques. (ILOs: Information Competency.)
3. Install and repair plumbing systems commonly encountered in residential and commercial buildings. (ILOs: Critical Thinking, Information Competency.)
4. Interpret construction and site layout requirements from technical drawings. (ILOs: Communication.)
5. Explain the permitting and inspection process for a local jurisdiction. (ILOs: Critical Thinking, Information Competency.)
6. Apply basic business principles to the construction field. (ILOs: Ethics, Personal Development.)

Dept. /No.	Title	Units
Required Courses:		
CNST 010	Basic Construction Principles	3
CNST 020	Site Preparation and Layout	2
CNST 050	Construction Framing Essentials	3
CNST 060	Plumbing Fundamentals	3
CNST 080	Finish Carpentry	3
Select one:		
BUMA 001	Principles of Management	3
or		
BUMA 012	Personal Finance	3
Required Courses		17
MINIMUM CERTIFICATE UNITS		17
Advisor:	B. Benton	

Certificate of Completion in Residential Construction and Maintenance (Noncredit)

with emphasis on employment preparation

This noncredit certificate of completion is intended to prepare students for entry-level work in residential maintenance and construction. Students will learn the basics of the construction trade and essential safety practices. The program will expose students to carpentry and plumbing, as well as initial site layout and preparation for residential construction projects. Students who complete this certificate program will be well-prepared to gain employment with contractors in the construction field, utility providers, facility maintenance organizations, and property management companies.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Demonstrate safe job site practices. (ILOs: Critical thinking, Communication.)
2. Build and finish to specs a simple wooden structure using standard industry materials and techniques. (ILOs: Information Competency.)
3. Install and repair plumbing systems commonly encountered in residential and commercial buildings. (ILOs: Critical Thinking, Information Competency.)
4. Interpret construction and site layout requirements from technical drawings. (ILOs: Communication.)
5. Explain the permitting and inspection process for a local jurisdiction. (ILOs: Information Competency, Critical Thinking.)

Dept. /No.	Title	Units
Required Courses:		
CNST 110	Basic Construction Principles	0
CNST 120	Site Preparation and Layout	0
CNST 150	Construction Framing Essentials	0
CNST 160	Plumbing Fundamentals	0
CNST 180	Finish Carpentry	0
Required Courses		0
MINIMUM CERTIFICATE UNITS		0
Advisor:	B. Benton	

CULINARY ARTS

Certificate of Achievement in CULINARY ARTS

with emphasis on employment preparation

The Culinary Arts Certificate of Achievement prepares men and women for entry level positions in the food service and hospitality industries. It consists of 20 units of intensive culinary training. This program prepares students for the National Restaurant Association's ServSafe Exam for food service managers. Students wishing to complete San Bernardino County ROP restaurant training can do so with the courses in this program.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Articulate key aspects of the hospitality industry. (ILOs: Communication Skills)
2. Safely manage production and service in food service and hospitality operations. (ILOs: Personal Development, Critical Thinking Skills, and Ethics)
3. Prepare and present high quality, standardized foods. (ILOs: Personal Development and Critical Thinking Skills)
4. Identify career opportunities in the culinary field. (ILOs: Personal Development)

Dept. /No.	Title	Units
Required Courses:		
CULN 001A	Culinary Essentials	3
CULN 001B	Vegetables, Legumes, and Other Starches	3
CULN 002A	Dairy, Breakfast Foods, Salads, Appetizers	3
CULN 002B	Essential Baking, Meat, Poultry & Seafood	3
Work Experience Units - 8 units required:		
CUWE 080	Work Experience - Culinary	1
CUWE 081	Work Experience - Culinary	2
CUWE 082	Work Experience - Culinary	3
CUWE 083	Work Experience - Culinary	4
Required Courses		12
Work Experience Units		8
MINIMUM CERTIFICATE UNITS		20
Advisor:	J. Haig	

EARLY CHILDHOOD EDUCATION

Associate Degree for Transfer
A Degree with a Guarantee.sm

Associate in Science in EARLY CHILDHOOD EDUCATION
for transfer

CMC's Associate in Science in Early Childhood Education for Transfer program prepares students for careers in private or public programs serving infants, toddlers, preschoolers, children with disabilities, and/or children in before and after-school care.

Students will acquire the ability to apply developmental theories in observing and assessing children in physical, cognitive, and psycho-social domains and will develop skills needed for working effectively with families, coworkers, and community agencies.

The transfer degree option prepares students to continue studies at a four-year institution and major in Early Childhood Education, Child Development, Child and Adolescent Development, Human Development, or Education.

Upon successful completion of the program, students will also be prepared for careers in child care with infants and toddlers, preschool teaching, assistant teaching, and related careers in early childhood education.

This degree meets the course work requirements of the Teacher level Child Development Permit from the California Commission on Teacher Credentialing.

The Associate in Science for Transfer (A.S.-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the A.S.-T are given priority consideration for admission to the CSU system, but not to a particular campus or major.

While an associate degree may support attempts to gain entry-level employment or promotion, a baccalaureate or higher degree is recommended for those considering professional careers, which can be achieved through transfer.

To earn an A.S.-T degree, students must complete:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. All courses in the major or area of emphasis must be completed with a grade of "C" or "P" or better.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of the program, students will be able to:

1. Students integrate an understanding of the needs, characteristics and multiple influences on the development of children ranging from birth to adolescence as related to high quality care and education.
2. Design and implement environments and curriculum which support positive development and learning through play for all children, ages birth-8, including the cycle of observation, assessment and planning.
3. Articulate an understanding of typical and atypical development of young children from birth - 8 including health, safety, and nutritional aspects of development.
4. Develop strategies that promote partnerships and equity between programs, teachers, diverse families and their communities.

Dept. /No.	Title	Units
Required Courses:		
CDEV C1000	Child Growth and Development	4
CD 012	Child, Family, and Community	3
CD 014	Principles and Practices of Teaching Young Children	3
CD 015	Child Development Practicum	3
CD 030	Introduction to Curriculum Planning in Early Childhood Education	3
CD 044	Health, Safety, & Nutrition in Early Childhood Education	3
CD 074	Teaching in a Diverse Society	3
CD 075	Observation and Assessment of Young Children	3
Total Units for the Major		25
Cal-GETC General Education Requirements		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60-63
Advisor:	K. Martin	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Certificate of Achievement in QUALIFIED EARLY CHILDHOOD EDUCATOR: TEACHER

with emphasis on employment preparation

The Qualified Early Childhood Educator certificate gives students the opportunity to prepare for careers in the field of early childhood education. Education and training prepares students for entry into a variety of careers in the field. The field of early childhood education needs trained, creative educators to provide high-quality services for children and families in a variety of settings.

Students holding the Qualified Early Childhood Educator: Teacher certificate will be trained and eligible for employment as preschool lead teachers in privately-owned preschools, child care centers, or home childcare facilities in the state of California.

Holders of this certificate are also eligible to apply for the Child Development Permit at the Teacher level if they also meet the work experience required for the permit. Once students have the permit, they are eligible for employment as teachers in Head Start programs and State Preschools.

The Child Development Permit at the Teacher level authorizes the holder to provide service in the care, development and instruction of children in a child care and development program; and supervise Aide or Permit holders above (CD Permit Matrix, 2018).

Students seeking the California Child Development Permit are also required to have 175 days of 3+ hours per day working in an early childhood setting within 4 years. Most students meet this requirement/gain this experience while already working in early childhood classrooms as assistants/aides while also continuing their coursework towards their AA/AS transfer degree.

Additional Certificate Requirements:

1. Students must complete 16 GE units to earn this certificate. Please see the Certificate Program Map below for the sequence of courses over 4 semesters.
2. If you have completed coursework at another college and/or are starting in a semester other than a Fall term, please follow up with the Counseling Department to determine if this sequence is appropriate for your academic and career goals.
3. All coursework for the Qualified Early Childhood Educator: Teacher Certificate must be completed with a grade of "C" or better.
4. Students in this program must show proof of immunizations for MMR and Tdap; and an up-to-date negative TB test result in order to comply with outside classroom regulations regarding in-person preschool observations per SB 792.
5. Students are also required to obtain their Pediatric CPR/Pediatric 1st Aid certificate in order to receive their California Child Development Permit. Students are advised to obtain CPR/Pediatric 1st Aid certificate in their third semester.

Program Learning Outcomes

Upon completion of this certificate students will be able to:

1. Students will be able to demonstrate proficiency in the core skills and knowledge required for employment as an early childhood educator or preschool teacher in a privately-owned preschool, child care center, or home childcare facility in the state of California.
2. Teach in an early childhood setting.

Dept. /No.	Title	Units
Required Courses:		
CDEV C1000	Child Growth and Development	4
CD 012	Child, Family, and Community	3
CD 014	Principles and Practices of Teaching Young Children	3
CD 015	Child Development Practicum	3
CD 019	Language Arts & Literacy for Young Children	3
CD 030	Introduction to Curriculum Planning in Early Childhood Education	3
CD 044	Health, Safety, & Nutrition in Early Childhood Education	3
CD 074	Teaching in a Diverse Society	3
CD 075	Observation and Assessment of Young Children	3
Restricted Electives:		
Math or Science		
MATH 016	Mathematics for Elementary School Teachers	3
English or Language Arts		
ENGL C1000	Academic Reading and Writing	3
Social Science		
PSYC C1000	Introduction to Psychology	3
Humanities or Fine Arts		
Select from the following:		
ART-010, MUS 010, PHIL 013, SPAN 001		7
Required Courses		28
Restricted Electives		16
Students are required to take at least 16 units of elective courses. Substitutions of courses within the elective areas are permitted if they are reviewed with a counselor or advisor.		
MINIMUM CERTIFICATE UNITS		44
Advisor:	K. Martin	

Listed below is the recommended course sequencing for the ECE Teacher Certificate:

Fall		
CDEV C1000	Child Growth and Development	4
CD 012	Child, Family, and Community	3
CD 014	Principles and Practices of Teaching Young Children	3
MATH 016	Mathematics for Elementary School Teachers	3
Spring		
CD 019	Language Arts & Literacy for Young Children	3
CD 030	Introduction to Curriculum Planning in Early Childhood Education	3
CD 044	Health, Safety, & Nutrition in Early Childhood Education	3
ENGL C1000	Academic Reading and Writing	3
Fall		
CD 074	Teaching in a Diverse Society	3
CD 075	Observation and Assessment of Young Children	3
SPAN 001	Elementary Spanish I	5
Spring		
CD 015	Child Development Practicum	3
ART 010	Introduction to Art	3
PSYC C1000	Introduction to Psychology	3

ECONOMICS

Associate in Arts in ECONOMICS
for transfer

Associate Degree for Transfer
A Degree with a Guarantee.sm

The Associate Degree for Transfer in Economics is designed to provide students with a foundation in macroeconomic and microeconomic theory, supported by relevant mathematics and exposure to the field's connection to business studies. Students will acquire knowledge of core economic models to understand how the national economy functions, the fundamental laws of supply and demand, and an introduction to international trade. Students will be able to assess fiscal and monetary policy actions, economic growth, price level changes, and the allocation of goods and resources in competitive and monopolistic markets.

The field of economics offers students a great variety of career options and essential knowledge to be a productive individual in society. Successful studies provide students with a broad skill set including data analysis, problem solving, technical writing, and complex communication applicable to numerous career paths including but not limited to private business finance and analytics, government advisement and services, public policy development, education, entrepreneurship and legal studies. Students in the field develop analytical and reasoning skills that broadly apply to many facets of their personal life and the work world. The Associate in Arts in Economics for Transfer allows for seamlessly transferring to a CSU to major in Economics or a related field, a degree program offered at most universities. This degree provides the opportunity for students to attain and earn degree credit for greater skill in mathematical analysis required by many CSU and UCs..

Students must complete required courses with a "C" or "P" minimum in addition to the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Assess fiscal and monetary policy actions. (Institutional SLOs: Communication, Critical Thinking, and Personal Development)
2. Evaluate the efficient allocation of goods and services in competitive and monopolistic markets. (Institutional SLO: Critical Thinking, Information Competency)
3. Explain the basis for international trade and the resulting flow of assets. (Institutional SLO: Critical Thinking)

Dept. /No.	Title	Units
Required Courses:		
ECON C2002	Principles of Macroeconomics	3
ECON C2001	Principles of Microeconomics	3
MATH C2210	Calculus I: Early Transcendentals	4
STAT C1000	Introduction to Statistics OR	
SOCI 003	Fundamentals of Statistics	4
Select one (1) course from the following:		
ACCT 001, ACCT 002, CS 073, MATH C2220		3-4.5
Select one (1) course from the following not previously taken:		
ACCT 001, ACCT 002, CS 073, MATH C2220, MATH 002A, MATH 002B		3-5
Required Courses		20-23.5
Cal-GETC General Education Requirement		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		57.5-68.5
Advisor:	J. Haig	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

ELEMENTARY TEACHER EDUCATION

Associate Degree for Transfer
A Degree with a Guarantee.™

ASSOCIATE IN ARTS IN ELEMENTARY TEACHER EDUCATION: INTEGRATED PROGRAMS

for transfer

The Associate of Arts in Elementary Teacher Education: Integrated Programs for Transfer meets the needs of students interested in transferring to a four-year college or university with the goal of completing a degree in Liberal Studies and other related undergraduate degrees in preparation for a post baccalaureate Multiple Subjects teaching credential as mandated by the California Commission on Teacher Credentialing (CCTC).

It is designed to facilitate the successful transfer within the CSU system and will provide students with a lower division breadth and depth in the field of Elementary Teacher Education and Liberal Studies degrees. Additional requirements for the Elementary Teacher Education major vary at each CSU campus as well as other universities or colleges.

It is highly recommended that students meet with their CMC counselor to discuss other possible courses that are part of the major preparation for a local CSU campus and additional information for other universities or colleges admission and transfer requirements.

This degree includes the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to California State University, including both of the following:

(A) The Cal-GETC General Education requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. All courses in the major or area of emphasis must be completed with a grade of "C" or "P" or better.

(2) Obtainment of a minimum grade point average of 2.0

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Articulate an integrated understanding of the needs, characteristics, and multiple influences on the development of children at the elementary age level.
2. Identify effective guidance and interaction strategies that support children's social and emotional development.
3. Recognize the essential elements of learning environments that are conducive to optimal learning at the elementary school level.
4. Demonstrate and evaluate ethical standards and professional behaviors required of an effective educator.
5. Demonstrate a commitment to continuous improvement of one's own effectiveness in modeling empathy, enthusiasm for learning, and effective problem solving for young children.
6. Analyze models and methods of effective teaching for students with diverse backgrounds and needs.
7. Research, integrate, and communicate knowledge and ideas in a coherent and meaningful manner.

Dept. /No.	Title	Units
Required Courses:		
BIOL C1001	Introduction to Biology	3
BIOL C1001L	Introduction to Biology Laboratory	1
CDEV C1000	Child Growth and Development	4
EDUC 010	Introduction to Elementary Classroom Teaching	3
ENGL C1000	Academic Reading and Writing	3
HIST C1001	U.S. History to 1877	3
POLS C1000	American Government & Politics	3
COMM C1000	Introduction to Public Speaking	3
HIST 003 OR ENGL C1002		3
List A - Select one (4-8 units):		
G 010	The Earth Sciences	4
OR		
CH 003 AND PH 001		8
List B - Select one (3 units):		
ART 010, MUS 010, TA 001		3
List C - Up to 12 additional units from:		
HIST C1002, HIST 019, HS 001, MATH 016		3-12
Total Units for the Major		32-49
Cal-GETC General Education Units		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60
Advisors:	K. Avila, M. Salomon	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

EMERGENCY MEDICAL TECHNICIAN (EMT)

Certificate of Proficiency in EMERGENCY MEDICAL TECHNICIAN (EMT)

The Emergency Medical Technician (EMT) Program prepares individuals to recognize illnesses and injury symptoms and to provide legally permissible emergency treatment as set forth by the standards of San Bernardino County and Inland Counties Emergency Medical Agency (ICEMA). The Curriculum consists of 104.4 hours of theory instruction, 112.8 hours of skills instruction and demonstration, and 60 hours of field and clinical experience in various High and Low Desert Agencies. Upon successful completion of this program, the student is eligible to take the NREMT exam and apply to the local EMS Authority for the County- issued certification.

The Emergency Medical Technician Program requires a criminal background check and drug screen. Students should be aware that the results of the background check and drug screen may have an impact on academic program eligibility or clinical/community site placement. Students may be denied access to the program on the basis of the results of the background check and/or drug screen. The College is required to comply with licensing requirements and with policies of our partner agencies. If you have a felony or a misdemeanor in your background, please see the Program Coordinator to discuss the impact on your academic and professional career. EMT students must be able to lift up to 100 pounds.

This will serve to advise that, pursuant to California Health and Safety Code Section 1799.100, by participating in a course of instruction in emergency medical training you have waived your rights to collect civil damages against the College in the event you sustain an injury. The code states: "No local agency, entity of state or local government, or other public or private organization which sponsors, authorizes, supports, finances, or supervises the training of people, excluding physicians and surgeons, registered nurses, and licensed vocational nurses, as defined in emergency medical services in training programs under this part, shall be liable for any civil damages alleged to result from such training program."

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Communicate with clients and members of the health care team in regard to assessment, observation, and written documentation. (ILOs: Communication)
2. Analyze, appraise, and evaluate a scene of accident or injury. (ILOs: Critical Thinking)
3. Practice within the regulatory boundaries of an EMT as prescribed by statue, standard, and recognized ethical and compassionate best practices. (ILOs: Ethics)
4. Synthesize a comprehensive portfolio of job skills and documented supervised field experience. (ILOs: Personal Development)
5. Utilize technology to obtain and transmit patient data. (ILOs: Information Competency)

Dept./ No.	Title	Units
Required Courses:		
EMT 084	Emergency Medical Technician	9
TOTAL CERTIFICATE UNITS		9

Advisor: S. DeLucia-Morning

ENGLISH

Associate Degree for Transfer
A Degree with a Guarantee.™

Associate in Arts in ENGLISH
for transfer

The Associate in Arts degree in English for Transfer (AA-T) degree is for students who intend to complete a bachelor's degree in English at a California State University. Core course work explores primarily World, British, and United States writers through an array of literary traditions, providing opportunities for students to express their understanding and appreciation of the literary world through analysis, research, and composition.

Students who complete the requirements for the degree are able to analyze substantive essays and works of literature and write academic compositions in a variety of rhetorical situations, using effective research skills and reliable sources in the appropriate format, recognizing the importance of academic integrity and life-long learning.

To earn an AA-T degree, students must meet the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  (A) The California General Education Transfer Curriculum (Cal-GETC) requirements.
  (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. All courses in the major or area of emphasis must be completed with a grade of "C" or "P" or better.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate advanced critical thinking and problem-solving skills by utilizing writing as a recursive process for discovering, organizing, and expressing complex ideas while incorporating characteristics of effective composition, such as the use of standard grammar, syntax, mechanics, a well-supported thesis with sufficient support, and clear organization and structure. (Institutional Learning Outcomes: Communication, Critical Thinking, and Personal Development)
2. Compose formal, college-level compositions in a variety of rhetorical patterns, utilizing reliable and ethical research skills, appropriate primary and secondary print and electronic sources, and proficient MLA or APA format conventions. (Institutional Learning Outcomes: Communication, Critical Thinking, Personal Development, Ethics, and Information Competency)
3. Analyze and respond critically to substantive, multicultural essays and works of literature from various periods and genres to identify structural, logical, and thematic relationships in order to synthesize ideas and demonstrate an understanding of the relationships among writer, audience, context, purpose, and genre. (Institutional Learning Outcomes: Communication, Critical Thinking, Personal Development, and Information Competency)
4. Critique their own writing and the writing of others in all recursive stages of planning, development, revision, and editing. (Institutional Learning Outcomes: Communication, Critical Thinking, Personal Development, Ethics, and Information Competency)

Dept. /No.	Title	Units
Note: ENGL C1000 is a prerequisite for all writing and literature courses.		
Required Courses:		
ENGL C1001	Critical Thinking and Writing	3
ENGL C1002	Introduction to Literature	3
List A - Select two (2) courses from the following (6 units):		
ENGL 010A, ENGL 010B, ENGL 011A, ENGL 011B, ENGL 012A, ENGL 012B		6
List B - Select one (1) course from the following (3 units):		
Any course from List A not already used, or:		
ENGL C1000, ENGL 005A		3
List C - Select one (1) course from the following (3 units):		
Any course from List A or B not already used, or:		
COMM 002, SPAN 003, SPAN 004, TA 001		3
Total Units for the Major		18
Cal-GETC General Education Units		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60-70
Advisor:	H. Gibbons	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

ENGLISH AS A SECOND LANGUAGE (ESL)

English as a Second Language (ESL)

The English as a Second Language (ESL) Program offers instruction at three levels of proficiency for persons who are learning English as a second language. Students may register at any time during the school year, and there is no cost to the ESL student.

AE 302 English as a Second Language I
AE 305 English as a Second Language II
AE 308 English as a Second Language III

El Inglés Como Segundo Idioma

Este programa "open-entry, open-exit" está diseñado para hispanohablantes, parlantes de otros idiomas o para los que hablan el inglés como segundo idioma. El programa de Inglés como Segundo Idioma (ESL) de Copper Mountain College se enfoca en las destrezas linguísticas que son necesarias para funcionar y comunicarse efectivamente en los aspectos siguientes: básico, empleo, escolástico y profesional. Desde el nivel básico hasta el avanzado de habilidad, todo alumno adquiere o mejora las destrezas linguísticas necesarias para la vida cotidiana; o para prepararlos para el diploma de la preparatoria o el de la universidad. Copper Mountain College ofrece diplomas de programas profesionales o cursos de transferencia a otra universidad. Para más información, llame al (760) 366-3791, extensión 4246. Aviso: Decir "open-entry, open-exit" indica que estos cursos no reciben notas; y uno puede comenzar a asistir o dejar de asistir a los cursos durante el semestre.

ENVIRONMENTAL SCIENCE

Associate in Science in ENVIRONMENTAL SCIENCE for transfer

Associate Degree for Transfer
A Degree with a Guarantee.

The Environmental Science Associate in Science for Transfer Degree is designed to prepare students for a seamless transfer with junior status to a California State University (CSU) campus for completion of a baccalaureate degree. The program provides an interdisciplinary perspective of science methodology and applied analysis to study natural and human environments. The curriculum focuses on natural sciences (biology, chemistry, geology, and physics), integrated social sciences (economics, geography), and mathematics (statistics and calculus). Students planning to complete the degree should consult with a counselor about major preparation at their target CSU campus.

Completion of 60 semester units that are eligible for transfer to the California State University, with a minimum grade point average of 2.0, including both of the following:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) The Cal-GETC General Education-Breadth Requirements.

(B) A minimum of 18 semester units in a major or area of emphasis. All courses in the major or area of emphasis must be completed with a grade of "C"or "P" or better.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Compare and contrast best practices in environmental science including ethical behavior and peer reviewed research.
2. Utilize scientific methods to empirically test hypotheses and apply findings within the context of the sciences.
3. Collaboratively analyze collected data using problem-based learning and communicate findings in written and oral forms.

Dept. /No.	Title	Units
Required Courses:		
BIOL 005	Molecular and Cellular Biology	4
CH 001A	General Chemistry	5
ENV 001	Introduction to Environmental Science	3
G 001	Physical Geology	4
STAT C1000	Introduction to Statistics	4
MATH C2210	Calculus	4
ECON 002	Principles of Microeconomics	3
Choose one additional science course:		
BIOL 006	Biology of Organisms	4
or		
CH 001B	General Chemistry	5
Choose one two-semester Physics series:		
PH 002A and PH 002B		8
or		
PH 004A and PH 004B		8
Required Courses		27
Restricted Electives		13
Cal-GETC General Ed. Requirement (confer with advisor)		34
MINIMUM TRANSFERABLE UNITS		74
Advisors:	P. Delaney, D. Pieper	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Certificate of Achievement in DESERT STUDIES

with emphasis on employment preparation

The Desert Studies Certificate of Achievement emphasizes themes and activities unique to the North American desert. The certificate provides foundational knowledge of environmental science, biology, geology, history, anthropology, and geography. A directed research project or internship with local organization provides students with opportunities to work closely with regional specialists. The certificate is also designed to prepare students for entry into the Environmental Science degree program at Copper Mountain College.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

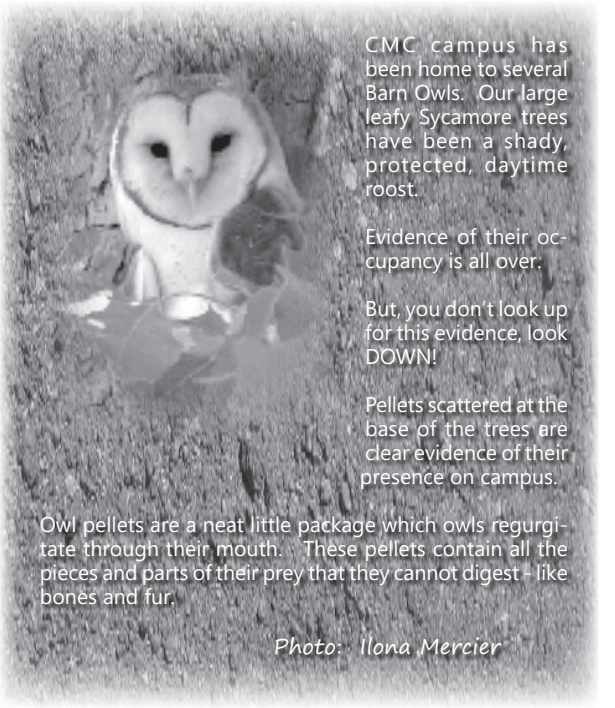
1. Compare and contrast best practices in environmental science including ethical behavior and peer-reviewed research. (ILOs: Ethics, Personal Development, and Information Competency)
2. Utilize scientific methods to empirically test hypotheses and apply findings within the context of the sciences. (ILOs: Communication, Critical Thinking, Personal Development, and Information Competency)
3. Collaboratively analyze collected data using problem-based learning and communicate findings in written and oral forms. (ILOs: Communication, Critical Thinking, Personal Development, and Information Competency)

Dept./No.	Title	Units
Required Courses:		
BIOL 005	Molecular and Cellular Biology	
	or	
BIOL 006	Biology of Organisms	
	or	
BIOL C1001	Introduction to Biology	
BIOL C1001L	Introduction to Biology Lab	4
ENV 001	Introduction to Environmental Science	3
G 001	Physical Geology	4
HIST 019	California History	
	or	
ANTH 002	Cultural Anthropology	3
BIOL 048A	Directed Research Seminar	
or		
ART 048A	Directed Research Seminar	
or		
GEOG 048A	Directed Research Seminar	1

Restricted Electives - choose minimum of three (3) units from the following (or any course from Required Courses not previously used): ASTR C1001, ASTR C1001L, ANTH 001, ANTH 003, CH 001A, CH 001B, CH 003, CS 073, G 010, GEOG 001, HIST 003, MATH C2210, MATH C2220, PH 001, PH 004A, PH 004B.

Required Courses	15
Restricted Electives	3
MINIMUM CERTIFICATE UNITS	18

Advisors: P. Delaney, D. Pieper



CMC campus has been home to several Barn Owls. Our large leafy Sycamore trees have been a shady, protected, daytime roost.

Evidence of their occupancy is all over.

But, you don't look up for this evidence, look DOWN!

Pellets scattered at the base of the trees are clear evidence of their presence on campus.

Owl pellets are a neat little package which owls regurgitate through their mouth. These pellets contain all the pieces and parts of their prey that they cannot digest - like bones and fur.

Photo: Ilona Mercier

Meet Adam our first recorded tortoise on campus! As specified by the CMC Habitat Conservation Plan we now record all tortoise sightings on campus. Adam was seen just below the 300 Quad in September, 2006.

FIRE TECHNOLOGY

Copper Mountain College offers courses in the Fire Technology field that will count toward a certificate or Associate in Science Degree. These courses are designed for students who plan to transfer to a four-year institution, gain employment in the fire service, or as a refresher for those individuals currently employed in any area of the fire service. The approved list of courses include those that meet the National Fire Academy Fire & Emergency Service Higher Education (FESHE) core curriculum requirements and include those accredited by the California Fire Service Training and Educational System for State Board of Fire technology certification.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Upon completion of the Fire Technology Program, the student will identify minimum qualifications and entry-level skills for fire fighter hiring. The student will be able to describe the following elements: application process; written exam process; physical agility exam, oral interview, chief's interview; background investigation; and fire fighter probationary process. Students will identify fire service history, culture and diversity. (ILOs: Personal Development)
2. Upon completion of the Fire Technology Program, the student will demonstrate the ability to analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and fire fighter safety including: Size-up, report on conditions, Incident Command System; RECEO; 10 Standard Firefighting Orders; 18 Situations that Shout "Watch Out"; and common factors associated with injuries and line of duty deaths. (ILOs: Communication, Critical Thinking, and Personal Development)
3. Upon completion of the Fire Technology Program, the student will be able to identify and comprehend laws, regulations, codes and standards that influence fire department operations, and identify regulatory and advisory organizations that create and mandate them, especially in the areas of fire prevention, building codes and ordinances, and firefighter health and safety. (ILOs: Information Competency)
4. Upon completion of the Fire Technology Program the student will be able to analyze the causes of fire, determine extinguishing agents and methods, differentiate the stages of the fire and fire development, and compare methods of heat transfer. (ILOs: Critical Thinking)
5. Upon completion of the Fire Technology Program, the student will be able to calculate flow requirements for fire apparatus, diagram a pump and plumbing schematic for fire apparatus, and apply mathematic formulae to hydraulics problems. (ILOs: Critical Thinking)
6. Upon completion of the Fire Technology Program, the student will identify and describe the apparatus used in the fire service, and the equipment and maintenance of fire apparatus and equipment. (ILOs: Personal Development)
7. Upon completion of the fire technology program, the student will identify and describe common types of building construction and conditions associated with structural collapse and firefighter safety. (ILOs: Critical Thinking)
8. Upon completion of the Fire Technology Program the student will differentiate between fire detection and fire suppression systems. Student will design and diagram a wet and dry fire protection system, and identify alarm system components and their operations. (ILOs: Critical Thinking)

Associate in Science in FIRE TECHNOLOGY

with emphasis on employment preparation

Dept. /No.	Title	Units
Required Courses:		
FIRE 001	Fire Protection Organizations	3
FIRE 002	Fire Prevention	3
FIRE 003	Fire Protection Equipment and Systems	3
FIRE 004	Building Construction for Fire Protection	3
FIRE 005	Fire Behavior and Combustion	3
FIRE 007	Principles of Fire and Emergency Services Safety & Survival	3
EMT 084	Emergency Medical Technician	
	or	
EMR 001	Emergency Medical Responder	3-9
Select at least thirteen (13) units from the following: FIRE 006, FIRE 008, FIRE 010, FIRE 058, FIRE 061, FIRE 081, FIRE 084, FIWE 080 - 083		13
Select at least eight (8) units from the following: BIOL 022, BIOL 023, CH 003, CIS 070A, CJ 003, PHIL 013, COMM C1000		8
Total Units for the Major		42
CMC General Education Requirement		21
MINIMUM DEGREE UNITS		60

Advisor: J. Brakebill

Certificate of Achievement in FIRE TECHNOLOGY

with emphasis on employment preparation

Dept./ No.	Title	Units
Required Courses:		
FIRE 001	Fire Protection Organizations	3
FIRE 002	Fire Prevention	3
FIRE 003	Fire Protection Equipment and Systems	3
FIRE 004	Building Construction for Fire Protection	3
FIRE 005	Fire Behavior and Combustion	3
FIRE 007	Principles of Fire and Emergency Services Safety & Survival	3
EMT 084	Emergency Medical Technician	
	or	
EMR 001	Emergency Medical Responder	3-9
Select at least six (6) units from the following: FIRE 006, FIRE 008, FIRE 010, FIRE 058, FIRE 061, FIRE 081, FIRE 084, FIWE 080 - 083		6
Select at least three (3) units from the following: BIOL 022, BIOL 023, CH 003, CIS 070A, CJ 003, PHIL 013, COMM C1000		3
MINIMUM CERTIFICATE UNITS		30

Advisor: J. Brakebill

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

FIRE TECHNOLOGY — WILDLAND FIRE TECHNOLOGY

Certificate of Achievement in WILDLAND FIRE TECHNOLOGY

with emphasis on employment preparation

The Certificate of Achievement in Wildland Fire Technology offers the required courses and learning domains for students to apply for employment with wildland firefighting agencies such as the United States Forest Service; California Department of Forestry; United States Department of the Interior, Bureau of Land Management; National Park Service, as well as municipal fire departments.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Students will recall the ten Standard Firefighting Orders.
2. Students will identify wildland fire tools, including shovel, Pulaski, and McLeod.
3. Students will describe the steps to safely deploy a fire shelter.
4. Students will explain the proper use of the following tools and equipment: back pump, fuses, and backfire torch.
5. Students will describe the functions within the Incident Command System.
6. Students will assess impacts of fuel, weather, and topography on wildland fire behavior.
7. Students will describe weather, and topography and how it affects wildland fire behavior.

Dept./ No.	Title	Units
Required Courses:		
FIRE WFT101	Wildland Fire Behavior	3
FIRE WFT102	Wildland Firefighter Safety & Survival	3
FIRE WFT103	Wildland Fire Operations	3
FIRE WFT104	Wildland Fire Investigation, Prevention, and Public Information	3
FIRE WFT105	Wildland Fire Logistics, Finance, and Planning	3
FIRE 006	Hazardous Materials Operations	3
EMR 001	Emergency Medical Responder	3
MINIMUM CERTIFICATE UNITS		21

Advisor: J. Brakebill

Certificate of Completion in WILDLAND FIRE TECHNOLOGY (Noncredit)

with emphasis on employment preparation

The Certificate of Completion in Wildland Fire Technology Noncredit offers the required courses and learning domains for students to apply for employment with wildland firefighting agencies such as the United States Forest Service; California Department of Forestry; United States Department of the Interior, Bureau of Land Management; National Park Service, as well as municipal fire departments.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate the basic knowledge, skills and abilities to safely perform the tasks required by the United States Forest Service, Bureau of Land Management, and the National Park Service as an entry level wildland firefighter.
2. Explain good nutritional habits and demonstrate the physical ability to successfully pass the Work Capacity Test required by the United Sates Forest Service to become a wildland firefighter.

Dept. /No.	Title	Units
Required Courses:		
FIRE 100	Wildland Fire Academy	0
FIRE 110	Firefighter Physical Abilities and Wellness	0
MINIMUM CERTIFICATE UNITS		0

Advisor: J. Brakebill

GENERAL EDUCATION

General Education Requirements & Certification

Students may complete their lower-division general education or breadth requirements while at Copper Mountain College. CMC has articulation agreements with the California State University (CSU) system campuses and the University of California (UC) system that allow students to be certified for these requirements. Consult your counselor.

Admission to Independent California or Out-of-State Colleges

Students planning to transfer to independent or out-of-state colleges are urged to meet with a counselor as early as possible to discuss their plans and admission requirements for individual colleges. Some colleges require a certain number of completed units or completion of an associate degree before considering students as eligible for transfer, while others accept students at any time. Admission requirements are outlined on the college or university admission websites. Independent colleges encourage students to make an appointment with their Office of Admissions in order to discuss transfer opportunities on an individual basis.

Transferable Courses

Copper Mountain College courses that are transferable to the California State University are indicated by "CSU" and those transferable to the University of California are indicated by "UC" under the course description section of this catalog. The CSU and UC systems designate courses accepted for general education, major preparation, or elective credit. Such courses count for the 60 units required for advanced standing transfer to CSU or UC. See pages 57-58 in this catalog for courses that apply to the Cal-GETC general education pattern. Students interested in transferring to a CSU or a UC should refer to the ASSIST website www.assist.org for complete and up-to-date information regarding CSU/UC transferability & major preparation requirements. Transfer eligibility may vary between institutions. Verification by the college of a student's completion of the California General Education Transfer Curriculum (Cal-GETC) pattern should be requested by the student at the time transcripts are requested to be sent to the university.

CSU & UC General Education

The CSU and UC campuses require 60 transferable units. The remaining coursework is upper-division and must be completed at the campus granting the Bachelor's degree. Once you have completed your lower-division general education (GE) coursework, associate degree, and/or an Associate Degree for Transfer (ADT) at CMC you may transfer into the CSU or UC system with junior status. Check with the intended CSU or UC campus representative, website, or a CMC counselor regarding acceptance of coursework taken before transfer admission. General Education Certification is not automatic and must be requested by the student when final transcripts are to be sent to the transfer institution. During your last semester at CMC, see a counselor regarding general education certification. Prior to your last semester use the ASSIST Website: www.assist.org to view transfer agreements. The CSU Golden 4 courses and/or the UC 7-course pattern: should be completed as soon as possible with grades of "C" or better.

See pages 57-58 for the Cal-GETC General Education pattern.

California General Education Transfer Curriculum (Cal-GETC)

Completion of all the requirements in the California General Education Transfer Curriculum (Cal-GETC) will permit you to transfer from Copper Mountain College to a campus in either the California State University (CSU) or University of California (UC) without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements.

The course requirements for all areas must be completed before Cal-GETC can be certified. After final grades are posted, you must request (it is not automatic) Cal-GETC Certification at the time you request final transcripts to be sent to your chosen transfer campuses. All courses must be completed with grades of "C" or better. For more information, see a counselor.

See pages 57-58 for the Cal-GETC General Education pattern.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Organize thoughts and ideas effectively and express them clearly and correctly in citing or speaking. (ILOs: Communication)
2. Read, analyze, discuss, and evaluate written work and sources. (ILOs: Communication, Critical Thinking and Information Competency)
3. Express and manipulate quantitative information in verbal, numeric, graphic, and symbolic form. (ILOs: Critical Thinking and Information Competency)
4. Interpret natural phenomena through the application of scientific principles. (ILOs: Critical Thinking)
5. Evaluate the ways people act and acted in response to their societies and social subgroups. (ILOs: Critical Thinking, Ethics, and Personal Development)
6. Cultivate an appreciation of cultural differences and artistic expressions. (ILOs: Personal Development)

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

HEALTH SCIENCES

Health Sciences includes four certificate programs that prepare men and women for careers in health occupations. Educational pathways include both theoretical instruction on campus and clinical experience in regional healthcare facilities.

The Nurse Assistant Training Program and Home Health Aide Program require a criminal background check and drug screen. Students should be aware that the results of the background check and drug screen may have an impact on academic program eligibility or clinical/community site placement. Students may be denied access to the program on the basis of the results of the background check and/or drug screen. The College is required to comply with licensing requirements and with policies of our partner agencies. If you have a felony or a misdemeanor in your background, please see the Program Coordinator to discuss the impact on your academic and professional career.

Students enrolled in Health Sciences programs are subject to special guidelines developed to protect patient safety. A student may be dismissed from the Health Sciences program for academic reasons or for other reasons such as safety, drug/alcohol abuse, inappropriate social or emotional behavior or documented acts of dishonesty. The faculty reserve the right to remove from the clinical area any student who, in the faculty member's professional judgement, places the patient in physical or emotional jeopardy. Should this occur, the student will have a conference with the Program Director and/or the Dean of Instruction.

Information regarding Health Sciences Programs can be accessed online at www.cmccd.edu/prospective-students/health-sciences/. In compliance with the Americans with Disabilities Act, students, with reasonable accommodation, must be physically and mentally capable of performing the essential functions of the program. The Core Performance Standards adopted by the Health Sciences Department include the following.

Physical Demands — Must be able to:

- be on your feet 6-12 hours at a time and perform activities that include reaching, balancing, carrying, pushing, pulling, stooping, bending and crouching;
- lift and transfer adults and children from a stooped to an upright position to accomplish bed-to-chair and chair-to-bed transfers;
- lift and adjust positions of bedridden patients, including pulling as much as 12 inches toward the head of the bed;
- Registered Nursing, Vocational Nursing, Nurse Assistant and Home Health Aide students must be able to lift up to 50 pounds;
- physically apply up to ten pounds pressure to bleeding sites or to the chest in the performance of CPR using hands, wrists and arms;
- maneuver in small spaces quickly and with ease;
- perform fine motor skills that require hand-eye coordination in the use of small instruments, equipment, and syringes;
- feel and compress tissues to assess for size, shape, texture, and temperature.

Senses — Must be able to:

- visually read calibrated scales in increments of one-hundredth of an inch in not more than a three-inch space;
- perform close and distinct visual activities involving persons and paperwork;
- visually discriminate depth and possess color perception;
- identify and distinguish odors that are pungent, or the products of infection or metabolic imbalance (e.g., ketones);
- respond and react immediately to auditory instruction, requests, signals, and monitoring equipment;
- perform auditory assessments requiring the distinguishing of variances in sounds (e.g. tones and pitches).

Knowledge — Must be able to:

- learn to perform mathematical calculation for medication preparation and administration in a timely manner;
- learn to communicate effectively, both verbally and in writing, using appropriate grammar, vocabulary and word usage as well as medical terminology;
- comprehend verbal and written directions, making correct notations and responding as directed;
- make proper and timely decisions under stressful and emergency situations.

Students will have irregular schedules for clinical experiences that may include travel of 75 miles or more to clinical sites, and evening/night/weekend class hours. Additional Health Sciences Department Program requirements include criminal background check, drug screen, titers, physical evaluation, and CPR certification. Information regarding these and other Health Sciences programs requirements may be accessed at: www.cmccd.edu/prospective-students/health-sciences/, attending an Information Session (schedule available at www.cmccd.edu/prospective-students/health-sciences/) or contacting the Health Sciences Office at (760) 366-3791, ext. 5801.

Certificate of Proficiency in HOME HEALTH AIDE

The Home Health Aide (HHA) Program prepares men and women to assist with the routine care and treatments of clients in their homes. The course of study includes 27 hours of classroom instruction and 27 hours of supervised clinical experience.

The HHA Program expands on the content taught in the NATP. Course content emphasizes personal care, basic communication, safety, meal planning and preparation, laundry, light housekeeping and maintaining a healthful environment.

Students wishing to participate in this Program must have a current California Nurse Assistant Certificate.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Collaborate and interact effectively with members of the healthcare team, family, or others involved in the care of the client. (ILOs: Communication)
2. Identify and collect relevant information in the healthcare setting. (ILOs: Critical Thinking)
3. Demonstrate honesty, confidentiality, integrity and respect for the client's lifestyle, personal beliefs, and personal property while recognizing the need for separation of the Home Health Aide role from one's personal life. (ILOs: Communication)
4. Perform care duties within the scope of practice as defined by the Department of Health Services of California. (ILOs - Personal Development)
5. Utilize technology to obtain and document patient data. (ILOs: Information Competency)

Dept./ No.	Title	Units
Required Courses:		
Prerequisite: Current California C.N.A. certification or passage of California C.N.A. Licensing Exam, per California Department of Health mandate.		
HHA 066	Home Health Aide	2
TOTAL CERTIFICATE UNITS		2
Advisors:	H. Steines	

Certificate of Proficiency in NURSE ASSISTANT

The Nurse Assistant Training Program (NATP) prepares men and women to assist with the routine care and treatment of patients in healthcare facilities. Working under the direction of the nursing and medical staff , activities of the Certified Nurse Assistant include providing personal care, maintaining safety, and assisting with activities of daily living.

Successful completion of the NATP results in eligibility to take the State exams that lead to certification as a Nurse Assistant. The course of study includes 72 hours of classroom instruction and at least 100 hours of supervised clinical practice in long term care facilities. Students seeking admission to the NATP are required to disclose any past criminal record. If a history exists that has not been cleared with the Department of Public Health, the student will not be permitted to participate in the NATP.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Communicate and collaborate effectively with clients and members of the healthcare team. (ILOs: Communication)
2. Identify and collect relevant information in the healthcare settings. (ILOs: Critical Thinking)
3. Demonstrate honesty, confidentiality, integrity, and professionalism in the healthcare setting. (ILOs: Ethics)
4. Perform entry level care within the scope and regulatory requirements of the Certified Nurse Assistant per California Dept. of Health regulations. (ILOs: Personal Development)
5. Utilize technology to obtain and document patient data. (ILOs: Information Competency)

Dept./ No.	Title	Units
Required Courses:		
NA 064	Nurse Assistant	6
TOTAL CERTIFICATE UNITS		6
Advisor:	H. Steines	

Also see **Nursing** for:

Associate in Science in REGISTERED NURSING

Associate in Science in VOCATIONAL NURSING

Certificate of Achievement in VOCATIONAL NURSING

HISTORY

Courses in the Associate in Arts in History for Transfer degree explore the past in a variety of ways. Through a critical evaluation of the causes and significance of events in the past, students of history learn about the individuals, ideas, actions, and events that have shaped our present. History teaches students to think critically and to communicate their ideas in a more sophisticated fashion. It promotes an understanding of cultures and societies from the past while it helps students consider their own identities in the world of today. While the study of history is valuable in its own right, it also serves as a useful preparation for careers in law, public service, journalism, business, medicine, and education. The Associate in Arts in History for Transfer degree is designed to prepare students to transfer into the CSU system to complete a baccalaureate degree in History or a similar major.

This degree includes the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education Breadth Requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

(3) A grade of "C" or "P" or better in all courses required for the major or area of emphasis.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate a knowledge of key historical events and identify recurring patterns in the context of United States and world history. (Institutional SLOs: Critical Thinking and Personal Development)
2. Communicate a well-reasoned response to humanities/social science inquiries using appropriate citations derived from various sources. (Institutional SLOs: Communication and Information Competency)
3. Analyze and evaluate primary and secondary historical sources. (Institutional SLOs: Communication and Critical Thinking)
4. Articulate respect for cultural diversity within the context of the complexities of the modern world. (Institutional SLOs: Critical Thinking, Personal Development, and Ethics)

Associate Degree for Transfer — A Degree with a Guarantee.™ ASSOCIATE IN ARTS IN HISTORY for transfer

Dept. /No.	Title	Units
Required Courses:		
HIST 003	History of World Civilizations I	3
HIST 004	History of World Civilizations II	3
HIST C1001	U.S. History to 1877	3
HIST C1002	U.S. History Since 1865	3
Restricted Electives:		
Choose minimum three (3) units from the following:		
GEOG 002, POLS 002, SPAN 001, EGSJ 020		3-5
Choose three (3) units from the following:		
ANTH 002, ECON C2002, POLS C1000		3
Required Courses		12
Restricted Electives		6-8
Cal-GETC General Education Requirements		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60-74
Advisor:	D. Pieper	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Associate in Arts in HISTORY

Dept. /No.	Title	Units
Required Courses:		
ANTH 001	Introduction to Physical Anthropology	3
HIST 003	History of World Civilizations - I	3
HIST 004	History of World Civilizations - II	3
HIST C1001	U.S. History to 1877	3
HIST C1002	U.S. History Since 1865	3
EGSJ 020	Native American Studies	3
PHIL 010	Introduction to Logic	3
POLS C1000	American Government & Politics	3
Total Units for the Major		24
Minimum Cal-GETC General Education Requirements		34-43
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60
Advisor:	D. Pieper	

Roberto De La Cruz Greenleaf Scholar 2011

Roger Wagner and Leota Bell

Chris Gotoski, Kathleen Wahl, Jeff Cummings
CTE Advisory Meeting 2017

Dr. Patricia Caldwell, Jim Brulte, and Eva Kinsman

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

HOSPITALITY

Associate Degree for Transfer
A Degree with a Guarantee™

Associate in Science in HOSPITALITY MANAGEMENT
for transfer

Hospitality Management is the study of the various aspects of the hospitality industry as well as business processes that underlie all aspects of hospitality organizations. The degree introduces students to hospitality sectors such as hotels, restaurant, travel services, gaming and entertainment, recreation, managed services, and special events. The Associate of Science in Hospitality Management (transfer preparation) will enable students to transfer to a CSU to continue studies in a bachelor's degree program.

Students must complete required courses with a "C" minimum in addition to the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education Breadth Requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Utilize the functions of business to support the hospitality industry in order to maximize profits.
2. Analyze trends, culture, and customer relations within the hospitality industry.
3. Discuss key legal and regulatory issues that relate to the hospitality industry.

Dept. /No.	Title	Units
Required Courses:		
HOSP 001	Introduction to Hospitality Management	3
HOSP 002	Hospitality Cost Control	3
CULN 001A	Culinary Essentials	3
ECON C2001	Principles of Microeconomics	3
Restricted Electives:		
Select two (2) courses from the following:		
ACCT 001, ACCT 002, BUMA 020A,		
or choose STAT C1000 or SOCI 003		6.5
Required Courses		12
Restricted Electives		6.5
Cal-GETC General Education Requirements		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60
Advisor:	J. Haig	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

KINESIOLOGY

Associate in Arts in KINESIOLOGY
for transfer

Associate Degree for Transfer
A Degree with a Guarantee™

Kinesiology is the study of movement as it relates to physical activity, health, disease prevention, exercise, and sport. Kinesiology majors are grounded in an interdisciplinary body of knowledge which encompasses the biological, psychological, physical, and social sciences. They use this knowledge to understand how the human body responds to movement, exercise, exercise training, and overall fitness. Employment opportunities include health care, coaching, sports officiating, athletic training, and education. A baccalaureate degree in Kinesiology can serve as the foundation for a career in physical therapy, occupational therapy, or medical school.

Students must complete required courses with a "C" or "P" minimum in addition to the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education Breadth Requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district

(2) Obtainment of a minimum overall grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Transfer to a related major in the California State University (CSU) system.
2. Effectively communicate in writing and verbally on topics in Kinesiology.
3. Utilize their experiences across a variety of health related and skill-based activities to inform their scholarship and practice in the sub disciplines in Kinesiology.
4. Identify and analyze social justice and equity issues related to Kinesiology for diverse populations.
5. Explain, identify, and/or demonstrate the theoretical and/or scientific principles that can be used to address issues or problems in the sub-disciplines in Kinesiology.

Dept. /No.	Title	Units
Required Core Courses:		
KINE 101	Introduction to Kinesiology	3
BIOL 022	Human Anatomy	4
BIOL 023	Human Physiology	4
Movement Based Courses		
Select one (1) course from three different areas (minimum of 3 units total):		
Team Sports		
KINE 058A	Beginning Badminton	1
KINE 54A	Beginning Basketball	1
KINE 057A	Beginning Volleyball	1
Dance		
KINE 032A	Beginning Dance Aerobics	1
Fitness		
KINE 039A	Beginning Weight Training	1
KINE 047A	Beginning Yoga	1
Restricted Electives - Choose two courses from the following:		
CH 001A, STAT C1000 or SOCI 003 (not both), PH 002A or PH 004A (not both), PSYC C1000, or SOCI C1000		
Total Units for the Major		21-25
Cal-GETC General Education Units		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		59-62
Advisor:	K. Avila, M. Salomon	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

LEGAL STUDIES

Associate in Arts in LAW, PUBLIC POLICY, AND SOCIETY

Associate Degree for Transfer
A Degree with a Guarantee.™

for transfer

The Associate in Arts in Law, Public Policy, and Society for Transfer degree is designed to prepare students for a seamless transfer with junior status to a California State University (CSU) campus for completion of a baccalaureate degree in a similar major. This program provides an interdisciplinary perspective on the complex relationship between legal frameworks, governmental policies, and their impact on society. This degree emphasizes the importance of critical thinking, ethical considerations, and effective communication in addressing contemporary social challenges in shaping a more just and equitable society. Students completing this degree are prepared for further study in a variety of majors, including Legal Studies, Criminology and Justice Studies, Philosophy, Public Administration, Global Studies, Communication, and related disciplines.

The Law, Public Policy, and Society A.A.T. degree prepares students for career opportunities in law, policy making, government, legislation and lobbying, and public affairs. Employment opportunities include but are not limited to legal assistant or paralegal, policy analyst, administrative assistant in a nonprofit or government office, legislative aide, advocate, classroom aide, community organizer.

Students completing an A.A.T. are given priority consideration for admission to the CSU system, but not to a particular campus or major.

While an associate degree may support attempts to gain entry-level employment or promotion, a baccalaureate or higher degree is recommended for those considering professional careers, which can be achieved through transfer.

To earn an A.A.T. degree, students must meet the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education Breadth Requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. All courses in the major or area of emphasis must be completed with a grade of "C" or "P" or better.

(2) Obtainment of a minimum grade point average of 2.0 in all transferable coursework.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze issues by applying relevant rules of law, ethical standards, and social mores.
2. Evaluate diverse viewpoints related to human experience and produce evidence-based arguments.
3. Identify and explain the institutions that make up the American political system including the legal fields.
4. Develop communication skills and demonstrate the ability to write and speak to persuade diverse audiences.

Dept. /No.	Title	Units
Required Core Course - Choose one course from the following:		
CJ 001	Introduction to Criminal Justice	3
CJ 002	Criminal Law	3
BUMA 020A	Business Law	3
Ethics		
PHIL 014	Introduction to Ethics	3
Oral Communication - Choose one		
COMM C1000	Introduction to Public Speaking	3
COMM 007	Decision-Making and Advocacy	3
Written Communication		
ENGL C1000	Academic Reading and Writing	3
Critical Thinking - Choose one course from the following:		
COMM 007	Decision-Making and Advocacy	3
ENGL C1001	Critical Thinking and Writing	3
PHIL 010	Introduction to Logic	3
Quantitative Reasoning - Choose one		
STAT C1000	Introduction to Statistics	4
SOCI 003	Fundamentals of Statistics	4
U.S. History - Choose one History, plus POLS C1000		
HIST C1001	U.S. History to 1877	3
or		
HIST C1002	U.S. History since 1865	3
and		
POLS C1000	American Government and Politics	3

Restricted Electives - Choose two courses, from 2 different areas, not previously taken:

Area 1: Administration of Justice/Criminal Justice
CJ 001, CJ 002, CJ 003, CJ 005A, CJ 030, or CJ 010

Area 2: Business
BUMA 020A

Area 3: Economics
ECON C2001 or ECON C2002

Area 4: Political Science
POLS 002 or POLS 004

Area 5: Public Policy
SOCI 002

Area 6: Diversity
ANTH 002, COMM 015, EGSJ 030, GEOG 002, SOCI 014

Area 7: College Success
STDV 065

Total Units for the Major	52
Cal-GETC General Education Units	34
Transferable elective units as needed.	
MINIMUM TRANSFERABLE UNITS	59-62

Advisor: K. Avila, M. Salomon

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

LIBERAL ARTS

The Associate in Arts degree in Liberal Arts is designed for students who wish to have a broad knowledge of liberal arts and sciences. Such knowledge can assist a student in determining an "Area of Emphasis". This area of emphasis would be an ideal choice for students who plan on transferring to California State University (CSU) or University of California (UC). Students can satisfy general education requirements, and focus on transferable coursework that relates to majors at these institutions. Please consult with a counselor for information regarding your intended major at the specific college or university of your choice.

A minimum of 18 units are required in ONE of the three Areas of Emphasis listed below. In addition, as part of the 18 units, two courses in one subject (e.g., ART 002A and ART 002B) must be completed for the depth of study requirement. A total of 60 transferable units is required.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Demonstrate a familiarity with and an understanding of the principles, theories, and paradigms of thought related to multiple areas of study including Math, Sciences, Arts, Humanities, Social and Behavioral Sciences through appropriate competency with vocabulary, methods of investigation, critical analysis, and decision making. (ILOs: Communication, Critical Thinking, Ethics and Personal Development)
2. Utilize effective skills and techniques to gather, process, and express diverse types of content and meaning for varied purposes to diverse audiences. (ILOs: Communication and Information Competency)

Areas of Emphasis

Arts & Humanities: These courses emphasize the study of the cultural, literary, humanistic activities and artistic expression of human beings. Students evaluate and interpret the ways in which people, through the ages and in different cultures, have responded to themselves and the world around them through artistic and cultural creation. Students also learn to value aesthetic understanding and to incorporate these concepts when constructing value judgments. Examples of 4-year institution majors in this emphasis are: American Studies, English, History, Philosophy, and Spanish.

Mathematics & Science: These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in Math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students demonstrate an understanding of the methodologies of science as investigative tools. Students also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations.

Social & Behavioral Sciences: These courses emphasize the perspective, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students study about themselves and others as members of a larger society. Students evaluate how societies and social subgroups operate through topics and discussion intended to stimulate critical thinking about ways people have acted in response to their societies. Examples of 4-year institution majors in this emphasis are: Anthropology, Human Development, Economics, Geography, History, Political Science, Psychology, and Sociology.

Students following Cal-GETC must complete two science courses with at least 1 lab AND at least 1 transferable math for certification. If a student is transferring with a science or math major, more math and science courses must be completed. Examples of 4-year institution majors in this emphasis are: Biology, Chemistry, Environmental Science, Geology, and Physics.

Associate in Arts in LIBERAL ARTS: Arts & Humanities

These courses emphasize the study of the cultural, literary, humanistic activities and artistic expression of human beings. Students evaluate and interpret the ways in which people, through the ages and in different cultures, have responded to themselves and the world around them through artistic and cultural creation. Students also learn to value aesthetic understanding and to incorporate these concepts when constructing value judgments. Examples of 4-year institution majors in this emphasis are: American Studies, English, History, Philosophy, and Spanish.

Required Courses:
Select eighteen (18) units from the following. Two courses in one subject (e.g. ASL 001 & ASL 002) must be completed for the depth of study requirement.

Dept.	No.	Title	Units

- **American Sign Language:** ASL 001, ASL 002, ASL 003, ASL 004
- **Art:** ART 001A, ART 001B, ART 003A, ART 004, ART 005A, ART 005B, ART 007A, ART 007B, ART 009A, ART 009B, ART 010, ART 011A, ART 011B, ART 023A, ART 023B, ART 033, ART 040, ART 048A-C, ARTH C1100, ARTH C1200, ART 052, ART 053
- **Communications:** COMM C1000, COMM C1004, COMM 002, COMM 007, COMM 015
- **English:** ENGL C1001, ENGL C1002, ENGL 005A ENGL 010A, ENGL 010B, ENGL 011A, ENGL 011B, ENGL 012A, ENGL 012B
- **History:** HIST 003, HIST 004, HIST C1001, HIST C1002, HIST 048A-C
- **Music:** MUS 005, MUS 010
- **Philosophy:** PHIL 006, PHIL 010, PHIL 012, PHIL 013, PHIL 014
- **Spanish:** SPAN 001, SPAN 002, SPAN 003, SPAN 004
- **Theatre Arts:** TA 001, TA 002, TA 003

Total Units for the Major:.....18
Minimum Cal-GETC General Education Requirements.....37-40
Transferable elective units as needed.
MINIMUM TRANSFERABLE UNITS.....60
Advisor: K. Avila, M. Salomon

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Associate in Arts in LIBERAL ARTS: Mathematics & Science

These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in Math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students demonstrate an understanding of the methodologies of science as investigative tools. Students also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations.

Students must complete two science courses with at least 1 lab AND at least 1 transferable math for certification. If a student is transferring with a science or math major, more math and science courses must be completed. Examples of 4-year institution majors in this emphasis are: Biology, Chemistry, Environmental Science, Geology, and Physics.

Dept.	No.	Title	Units

Required Courses:

Select eighteen (18) units from the following. Two courses in one subject (e.g. CH 001A & CH 001B) must be completed for the depth of study requirement.

- **Anthropology:** ANTH 001
- **Astronomy:** ASTR C1001, ASTR C1001L
- **Biology:** BIOL C1001, BIOL C1001L, BIOL 005, BIOL 006, BIOL 015, BIOL 022, BIOL 023
- **Chemistry:** CH 001A, CH 001B, CH 003, CH 005, CH 010A, CH 010B
- **Environmental Science:** ENV 001
- **Geology:** G 001, G 010
- **Geography:** GEOG 001 GEOG 048A-C
- **Mathematics:** MATH C2210, MATH C2220, MATH 002A, MATH 002B, MATH 002C, MATH 004, MATH 005, MATH 010, MATH 012, STAT C1000, MATH 016, SOCI 003
- **Physics:** PH 001, PH 004A, PH 004B PH 004C

Total Units for the Major: 18
Minimum Cal-GETC General Education Requirements 37-40
Transferable elective units as needed.
MINIMUM TRANSFERABLE UNITS 60
Advisor: J. Holley

Associate in Arts in LIBERAL ARTS: Social & Behavioral Sciences

These courses emphasize the perspective, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students study about themselves and others as members of a larger society. Students evaluate how societies and social subgroups operate through topics and discussion intended to stimulate critical thinking about ways people have acted in response to their societies. Examples of 4-year institution majors in this emphasis are: Anthropology, Human Development, Economics, Geography, History, Political Science, Psychology, and Sociology.

Dept.	No.	Title	Units

Required Courses:

Select eighteen (18) units from the following. Two courses in one subject (e.g. POLS C1000 & POLS 002) must be completed for the depth of study requirement.

- **Anthropology:** ANTH 002, ANTH 003
- **Child Development:** CDEV C1000, CD 012, CD 015, CD 030, CD 074
- **Criminal Justice:** CJ 001, CJ 002, CJ 003, CJ 005A, CJ 006, CJ 032
- **Economics:** ECON C2002, ECON C2001
- **Ethnic Studies:** EGSJ 014, EGSJ 020, EGSJ 030
- **Geography:** GEOG 002
- **History:** HIST 003, HIST 004, HIST C1001, HIST C1002, HIST 019, HIST 048A-C
- **Political Science:** POLS C1000, POLS 002, POLS 004
- **Psychology:** PSYC C1000, PSYC 003, PSYC 005, PSYC 010, PSYC 012, PSYC 033
- **Social Work:** SW 015
- **Sociology:** SOCI C1000, SOCI 002, SOCI 004, SOCI 010, SOCI 014

Total Units for the Major: 18
Minimum Cal-GETC General Education Requirements 37-40
Transferable elective units as needed.
MINIMUM TRANSFERABLE UNITS 60
Advisor: D. Pieper

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

MATHEMATICS

Associate in Science in MATHEMATICS
for transfer

Associate Degree for Transfer
A Degree with a Guarantee.

The Associate in Science in Mathematics for Transfer Degree is to prepare students for careers in mathematics and disciplines where mathematical skills are essential. The problem-solving skills acquired in mathematics are useful for a wide variety of jobs in fields such as physics, chemistry, engineering, data analysis, finance and business, biology, medicine, computer science, and teaching.

This degree includes the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Apply mathematical concepts to model and solve real-life situations. (Institutional SLOs: Critical Thinking)
2. Demonstrate an ability to correctly apply mathematical principles using appropriate notation and terminology. (Institutional SLOs: Communication and Critical Thinking)
3. Create, interpret, and analyze visual representations of mathematical expressions. (Institutional SLOs: Communication and Critical Thinking)

Dept. /No.	Title	Units
Required Courses:		
MATH C2210	Calculus I: Early Transcendentals	4
MATH C2220	Calculus II: Early Transcendentals	4
MATH 002A	Multivariate Calculus	5
Restricted Electives:		
Choose one (1) course from the following:		
MATH 002B, MATH 002C		4
Choose one (1) course from the following. MATH 002B or MATH 002C may be taken if it has not been used to fulfill requirement above:		
MATH 002B, MATH 002C, MATH 004, STAT C1000, PH 004A or CS 089		3-5
Required Courses		13
Restricted Electives		7-9
Cal-GETC General Education Requirements		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60

Advisors: B. Berger, L. Christensen, J. Holley, C. Maclaughlin, A. Siciliano

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

NURSING: REGISTERED

Associate in Science in REGISTERED NURSING

with emphasis on employment preparation

The Associate Degree - Registered Nursing Program is comprised of 37 units of nursing theory and clinical experience plus approximately 35 to 38 units of science and general education courses. Theory and clinical run concurrently with clinical experiences provided in various healthcare facilities within the community. Both are supported by time spent in the Nursing Resource Lab (NRL). Opportunities for skills practice utilizing simulation mannequins, specialized healthcare equipment and videos are all part of a supervised learning experience.

The RN Program is designed to prepare graduates to practice as a Beginning Nurse Generalist. Most students admitted to the RN Program have completed all coursework (except for nursing courses) prior to admission. A new class is admitted each year in the Fall semester.

Copper Mountain College (CMC) has aligned its Registered Nursing (RN) Program curriculum with local and national universities' RN to BSN Programs. Students are taught using a combination of classroom theory sessions, hands-on simulation practice and live clinical experiences concurrently provided in regional healthcare facilities.

The RN Program requires a criminal background check and drug screen. Students should be aware that the results of the background check may have an impact on academic program eligibility and/or clinical/community site placement. Students may be denied access to the program on the basis of the results of the background check and/or drug screen. The College is required to comply with licensing requirements and with policies of our partner agencies. If you have a felony or a misdemeanor in your background, please contact the RN Program Director to discuss the impact on your academic and professional career.

The most current information regarding program requirements and the admission process may be found in the RN page of the college website: www.cmccd.edu/programs/registered-nursing/

Dept. /No.	Title	Units
RN Program electives to be completed PRIOR to applying to RN program:		
BIOL 015*	General Microbiology	5
BIOL 022	Human Anatomy	4
BIOL 023*	Human Physiology	4
ENGL C1000	Academic Reading and Writing	3
MATH 040**	Intermediate Algebra	4
PSYC 003	Developmental Psychology	3
The following must be completed before admission to RN program:		
PSYC C1000	Introduction to Psychology	3
SOCI C1000	Introduction to Sociology	
or		
ANTH 002	Cultural Anthropology	3
COMM C1004	Interpersonal Communication	
or		
COMM C1000	Introduction to Public Speaking	3
or		
COMM 007	Decision-Making and Advocacy	
or		
COMM 015	Intercultural Communication	3
Select three (3) units from the Humanities area to meet the CMC General Education Requirement. PHIL 013 Perspectives on Death and Dying is highly recommended.		

*Students with transfer credit of 4 units for BIOL 015 and/or BIOL 023 satisfy the prerequisite requirement. The student will need to complete each additional unit to fulfill the required 73 minimum degree units. Additional units can be from other transfer level course(s) a student has on their transcript.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. **Coordination and Collaboration of Care**: Perform within an interdisciplinary team utilizing effective communication skills, collaborative decision making, and mutual respect to promote quality patient care. (ILOs: Communication)
2. **Safety and Quality Improvement**: Devise plans of care that minimize risk of harm to improve safety and quality for diverse patients across the life span utilizing system processes. (ILOs: Critical Thinking)
3. **Evidence Based Practice**: Integrate current best evidence utilizing clinical reasoning, nursing judgment and patient preferences to achieve optimal health. (ILOs: Critical Thinking)
4. **Nursing Judgment**: Demonstrate judgment in practice, supported by evidence that integrates knowledge, skills, and attitudes of a beginning nurse generalist to provide safe quality of care. (ILOs: Critical Thinking)

   Utilize the nursing process in providing nursing care. (ILOs: Critical Thinking)
5. **Culture**: Provide patient centered nursing care to meet the healthcare needs of patients with unique cultural attributes within diverse communities. (ILOs: Ethics)

   Manage an environment that promotes patients' self-esteem, dignity, safety and comfort. (ILOs: Ethics)
6. **Professionalism and Leadership:** Demonstrate integrity, ethical standards and principles of leadership and professional practice, personal growth, accountability for adherence to policies and procedures, and advocacy for patients and the profession of nursing. (ILOs: Personal Development)
7. **Informatics and Technology**: Manage information and technology to communicate with the interdisciplinary team, make informed clinical decisions, and minimize patient and personal harm. (ILOs: Information Competency)

First Semester:	N 010 Nursing Foundations	5
	N 015 Concepts of Nursing Practice I	5
Second Semester:	N 020 Concepts of Nursing Practice II	5
	N 025 Concepts of Mental Health Nursing	3.5
Third Semester:	N 030 Concepts of Nursing Practice III	5
	N 035 Concepts of Obstetrical Nursing with Family Health	2.25
	N 036 Concepts of Pediatric Nursing	2.25
Fourth Semester:	N 040 Concepts of Nursing Practice IV	5
	N 045 Nursing Management, Leadership and Preceptorship	4
Total Units for the Major		37
CMC General Education Requirement		36
MINIMUM DEGREE UNITS		73

Advisors: H. Steines, M. Dramis

**Due to AB 705 and AB 1705 regulations, the District no longer offers MATH 040. CMC proactively accepts course substitutions for MATH 040 in the RN degree. Students may substitute STAT C1000, MATH 010, or any Math course higher than MATH 010 in the College Algebra Sequence, or MATH 016 for MATH 040. If a student requests a substitution of MATH 016 for MATH 040, the student will need to complete one additional unit to fulfill the required 73 minimum degree units. The additional unit can be from another transfer level course a student has on their transcript.

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

NURSING: VOCATIONAL

Associate in Science in VOCATIONAL NURSING

with emphasis on employment preparation

The Vocational Nursing Program prepares men and women for entry level vocational nursing positions as contributing members of the health care team working under the direction of a registered nurse or licensed physician. They may seek employment in acute or long-term care facilities, doctors' offices or clinics. Vocational nurses assist in data collection, plan and implement nursing care, administer medications and treatments with knowledge of therapeutic results, and maintain a safe environment for patients and their families. Upon successful completion of the program a certificate in vocational nursing is awarded and the graduate is eligible to write the National Council Licensure Examination (NCLEX-PN) for vocational nursing in the state of California. An Associate Degree in Vocational Nursing may be pursued if desired.

Program Learning Outcomes

Upon successful completion of this program students will be able to:

1. Uses effective communication skills in the nursing role, in therapeutic relationships with clients and families, and in collaboration with the healthcare team. (ILOs: Communication)
2. Display competency in documentation of patient care issue. (ILOs: Communication)
3. Assesses basic physical, emotional, spiritual and socio-cultural needs of a client. (ILOs: Critical Thinking)
4. Formulate interventions based on assessments and provide safe competent nursing care using accepted standards of practice. (ILOs: Critical Thinking)
5. Evaluate care to determine priorities, goals, effectiveness of care, and the need for appropriate referrals. (ILOs: Critical Thinking)
6. Adhere to the nursing code of ethics. (ILOs: Ethics)
7. Practice within the scope of practice of a Vocational Nurse. (ILOs: Ethics)
8. Assume responsibility and accountability for managing own actions. (ILOs: Ethics)
9. Advocate for healthcare consumers through political, economic, and societal activities. (ILOs: Personal Development)
10. Utilize technology to obtain and document patient data. (ILOs: Information Competency)

Dept. /No.	Title	Units
Required Courses:		
BIOL 022	Human Anatomy	4
BIOL 023	Human Physiology	4
HS 065	Basic Pharmacology	3
PSYC 003	Developmental Psychology	3
VN 010	Vocational Nursing I	9
VN 020	Vocational Nursing II	16
VN 030	Vocational Nursing III	15.6
Total Units for the Major		56
CMC General Education Requirement		18
MINIMUM DEGREE UNITS		74
Advisors:	H. Steines, M. Dramis	

Course Sequence

Students admitted to the Vocational Nursing Program are expected to have completed all pre-requisite coursework prior to admission. Listed below is a pattern of sequencing for the Program:

Dept./No.	Title	Units
Prerequisites:		
BIOL 022	Human Anatomy	4
BIOL 023	Physiology	4
HS 065	Basic Pharmacology	3
PSYC 003	Developmental Psychology	3
Summer		
VN 010	Vocational Nursing I	9
Fall		
VN 020	Vocational Nursing II	16
Spring		
VN 030	Vocational Nursing III	15.6

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

Certificate of Achievement in VOCATIONAL NURSING

with emphasis on employment preparation

(Graduates are eligible for Vocational Nurse Licensing Examination in California) The most current information regarding Program requirements and the admission process may be found on the CMC website: https://www.cmccd.edu/academics/guided-pathways/health-sciences/

Dept./No.	Title	Units
Required Courses:		
BIOL 022	Human Anatomy	4
BIOL 023	Human Physiology	4
HS 065	Basic Pharmacology	3
PSYC 003	Developmental Psychology	3
VN 010	Vocational Nursing I	9
VN 020	Vocational Nursing II	16
VN 030	Vocational Nursing III	15.6
MINIMUM CERTIFICATE UNITS		56

Advisors: H. Steines, M. Dramis

Advanced Placement & LVN to RN option

LVN to RN Advanced Placement students are eligible to apply for admission to the second semester of the Register Nursing Program.

Military challenge students are eligible to apply for admission to any level/course of the registered nursing program according to the college's credit for prior learning policy and the registered nursing program criteria for admission and course challenge.

The RN Program is designated to prepare graduates to practice as a Beginning Nurse Generalist. Theory and clinical run concurrently with clinical experiences provided in various healthcare facilities within the community. Both are supported by time spent in the Nursing Resource lab (NRL). Opportunities for skills practice utilizing simulation mannequins, specialize healthcare equipment and videos are all part of a supervised learning experience. The most current information regarding Program requirements and the admission process may be found on the CMC website, https://www.cmccd.edu/academics/guided-pathways/health-sciences/

LVN to RN 30-unit Option

LVN to RN 30-Unit Option applicants must be currently licensed in California as an LVN and follow generic applicant procedures. Persons interested in this curriculum option are advised that a degree will not be granted, a certificate will not be given, and the student will not be a graduate of the Program, or Copper Mountain College. Coursework required for 30-Unit Option students is Physiology, Microbiology, N 076A Nursing Transitions I, N 025 Concepts of Mental Health Nursing, N 030 Concepts of Nursing Practice III, N 040 Concepts of Nursing Practice IV and N 045 Nursing Management, Leadership and Preceptorship. The most current information regarding Program requirements and the admission process may be found on the CMC website,

RN Class of 2007

PHYSICS

Associate in Science in PHYSICS 2.0
for transfer

Associate Degree for Transfer
A Degree with a Guarantee.

The Associate in Science in Physics for Transfer degree is designed to prepare students majoring in physics for a seamless transfer with junior status to a California State University (CSU) campus for completion of a baccalaureate degree in physics. Upon successful completion of courses leading to the degree, the student will be able to demonstrate that they understand fundamental physics concepts, skills, and applications, along with the requisite mathematical training sufficient to attain upper division status in physics at any CSU institution.

To earn an AS-T degree, students must meet the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following::
   (A) The California General Education Transfer Curriculum (Cal-GETC) requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. All courses in the major or area of emphasis must be completed with a grade of "C" or "P" or better.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Develop a world view that incorporates the role of physics in modern society. (Institutional Learning Outcomes: Ethics, Information Competency.)
2. Integrate fundamental physical concepts and principles to other science disciplines. (Institutional Learning Outcomes: Critical Thinking, Personal Development.)
3. Solve novel problems by employing analytical reasoning and physical concepts to formulate representative physical models. (Institutional Learning Outcomes: Critical Thinking, Personal Development)
4. Demonstrate proficiency in standard physics laboratory techniques. (Institutional Learning Outcomes: Communication, Personal Development.)
5. Collaboratively analyze physical data to solve problems, and communicate findings in written and oral form. (Institutional Learning Outcomes: Communication, Personal Development.)
6. Develop an awareness of the current limitations of physics and of their own knowledge, and demonstrate knowledge of ethical and collaborative scientific methods. (Institutional Learning Outcomes: Ethics, Personal Development.)

Dept. /No.	Title	Units
Required Courses:		
PH 004A	Physics for Scientists and Engineers	4
PH 004B	Physics for Scientists and Engineers	4
PH 004C	Physics for Scientists and Engineers	4
MATH C2210	Calculus I: Early Transcendentals	4
MATH C2220	Calculus II: Early Transcendentals	4
MATH 002A	Multivariate Calculus	5
MATH 002B	Linear Algebra	4
MATH 002C	Ordinary Differential Equations	4
CS 089	C++ Programming I	3
Required Courses		36
Cal-GETC General Education Requirements		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		70
Advisor:	K. Avila, M. Salomon	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

POLITICAL SCIENCE

Associate in Arts in POLITICAL SCIENCE
for transfer

The Associate in Arts in Political Science for Transfer degree is for students who intend to complete a bachelor's degree in Political Science at a CSU. Core course work surveys principles and problems of politics and government in the United States and globally. Students gain familiarity with the basic systems and theories, ideologies, and models of political analysis. Coursework emphasizes issues of power, freedom, justice, and property.

Students who successfully complete the Associate in Arts in Political Science for Transfer degree will be prepared to critically analyze a wide range of local, state, national, and global issues utilizing reliable research skills and effective print and electronic sources in appropriate format conventions, and as well as recognize the importance of academic integrity and life-long learning.

A "C" grade in all courses for the major is required.

This degree also includes the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Communicate and demonstrate an understanding of the development of the American political culture. (Institutional SLOs: Communication, Critical Thinking, Ethics, and Information Competency)
2. Analyze the different branches of government, their function, and responsibilities. (Institutional SLOs: Critical Thinking, Personal Development, and Information Competency)
3. Articulate the interplay of political parties, public policy, and the media. (Institutional SLOs: Communication, Critical Thinking, Ethics, and Information Competency)

Dept. /No.	Title	Units
Required Courses:		
POLS C1000	American Government & Politics	3
POLS 002	Introduction to Comparative Government	3
POLS 004	Introduction to International Relations	3
STAT C1000	Introduction to Statistics	
	or	
SOCI 003	Fundamentals of Statistics	4
Restricted Electives:		
Choose six (6) units from the following:		
CJ 032, HIST C1001, HIST C1002, HIST 019, PSYC C1000, PSYC 005, SOCI C1000, SOCI 002, SOCI 014		6
Required Courses		13-14
Restricted Electives		6
Cal-GETC General Education Requirements		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60
Advisor:	D. Pieper	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

PSYCHOLOGY

Associate in Arts in PSYCHOLOGY
for transfer

Psychology is defined as the scientific study of behavior and the mind. The Associate in Arts in Psychology for Transfer allows students to utilize research methods; evaluate the credibility of research, theories, and applications; understand the core fields, paradigms and theories; apply psychological concepts, theoretical perspectives, empirical findings, and historical trends to questions and issues in personal experience and contemporary society; recognize the complexity of social, cultural, and international diversity; and understand the ethical standards in academic and applied psychology.

A "C" grade in all courses for the major is required.

This degree includes the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate an ability to analyze and communicate psychological concepts using current research. (Institutional SLOs: Communication, Critical Thinking, Ethics, and Informational Competency)
2. Articulate awareness of how the diverse world impacts the psychological development of people. (Institutional SLOs: Critical Thinking, Information Competency, and Personal; Development)
3. Utilize psychological terminology to analyze and evaluate issues regarding psychological concepts. (Institutional SLOs: Communication, Ethical Thinking, Ethics, and Information Competency)

Dept. /No.	Title	Units
Required Courses:		
PSYC C1000	Introduction to Psychology	3
PSYC 003	Developmental Psychology	3
PSYC 005	Behavioral and Social Science Research Methods	4
STAT C1000	Introduction to Statistics	
or		
SOCI 003	Fundamentals of Statistics	4
BIOL C1001	Introduction to Biology	3
BIOL C1001L	Introduction to Biology Lab	1
Select one course from the following (3 units):		
PSYC 010, PSYC 012, PSYC 033		3
Total units for the major:		21
Cal-GETC General Education Units		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60
Advisor:	K. Connor	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

SOCIOLOGY

Associate in Arts in SOCIOLOGY
for transfer

Associate Degree for Transfer
A Degree with a Guarantee.

The Associate in Arts in Sociology for Transfer degree examines how human behavior is shaped by culture, institutions, and social relationships. Students learn to apply the "sociological imagination" to connect personal experiences with larger social patterns and to analyze the structures that produce social order, institutionalized inequality, and social change.

Coursework emphasizes critical and scientific thinking, research literacy, and ethical reasoning. Students explore how institutions such as family, education, government, and the economy influence identity, opportunity, and conflict. Through simulations, data analysis, and applied projects, students gain practical skills in observation, interviewing, critical writing, and statistical interpretation.

The study of sociology prepares students to understand complex social problems and contribute to solutions through informed, empathetic, and evidence-based approaches. This degree prepares students for seamless transfer to a California State University to complete a baccalaureate degree in sociology or a related field such as social work, education, public policy, or criminal justice.

To earn an AA-T degree, students must meet the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   (A) The California General Education Transfer Curriculum (Cal-GETC) requirements.
   (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. All courses in the major or area of emphasis must be completed with a grade of "C" or "P" or better.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Evaluate the key theoretical, methodological, and public-policy debates within sociology and politics of the United States. (Institutional Learning Outcomes: Critical Thinking and Personal Development.)
2. Apply sociological theory to explain social outcomes. (Institutional Learning Outcomes: Communication and Critical Thinking.)
3. Articulate how social forces shape the lives of students, their family, and friends. (Institutional Learning Outcomes: Communication, Critical Thinking, Ethics, and Personal Development.)
4. Locate, critique, and present evidence to compose written and oral scholarly material. (Institutional Learning Outcomes: Critical Thinking, Communication, and Information Competency.)
5. Utilize critical thinking to synthesize and evaluate sociological concepts. (Institutional Learning Outcomes: Critical Thinking.)

Dept. /No.	Title	Units
Required Courses:		
SOCI C1000	Introduction to Sociology	3
SOCI 002	Social Problems	3
SOCI 003	Fundamentals of Statistics	4
or		
STAT C1000	Introduction to Statistics	4
List A - Select 2 courses:		6-7
PSYC 005, PSYC 010 or SOCI 010 (not both), SOCI 004, SOCI 014		
List B - Select 1 course:		3
ANTH 002, ANTH 003, CDEV C1000, CJ 032, COMM 015, ECON C2001, ECON C2002, EGSJ 020, EGSJ 030, ENV 001, GEOG 002, GEOG 007, HIST 003, HIST 004, HIST 019, HIST C1001, HIST C1002, PHIL 010, PHIL 012, PHIL 014, POLS C1000, POLS 002, POLS 004, PSYC C1000, PSYC 003, PSYC 012, SW 015.		
Required Courses		10
Restricted Electives		9-11
Cal-GETC General Education Requirements		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60
Advisor:	M. Danza	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

SPANISH

Associate in Arts in SPANISH
for transfer

The Associate in Arts in Spanish for Transfer degree will prepare students for upper division coursework in the study of Spanish. The Spanish program offers students a strong foundation in communicative skills and provides students with the opportunity to transfer to a variety of liberal arts, language arts, and linguistics bachelor degree programs. The Associate in Arts in Spanish for Transfer degree is suited to the needs of students who will complete their education at Copper Mountain College with an A.A.-T in Spanish and transfer to a CSU to complete their bachelor's degree. Successful completion of the transfer degree in Spanish guarantees the student acceptance to a California State University (but does not guarantee acceptance to a particular campus or major) to pursue a baccalaureate degree, in preparation to pursue a career in the field of Spanish.

The goals and outcomes for the Spanish major include the following:

1. Prepare students for seamless transfer to a CSU to complete a Spanish baccalaureate degree.
2. Provide students with a core body of knowledge in the study of Spanish, with advanced topics that provide breadth of knowledge, build on the cultural and linguistic study of Spanish as a Modern Language.
3. Prepare students for advanced studies within the field of Spanish.

This Spanish AA-T degree requires students to meet both of the following requirements:

(1) Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
   (A) The Cal-GETC General Education-Breadth Requirements; and
   (B) A minimum of 18 semester units in a major or area of emphasis. All courses in the major or area of emphasis must be completed with a grade of "C" or "P" or better.

(2) Obtainment of a minimum grade point average of 2.0.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Recognize and use grammatical structures in Spanish.
2. Identify specific music, art, literature, and/or cultural traditions of Spain and Latin America.
3. Successfully engage in basic conversations in Spanish.
4. Demonstrate familiarity with the geography of the countries and regions where the target Spanish is spoken.
5. Demonstrate awareness, appreciate Spanish culture and history.
6. Acquire real world communication skills necessary for employment where bilingual abilities are beneficial.

Dept. /No.	Title	Units
Required Courses:		
SPAN 001	Elementary Spanish I	5
SPAN 002	Elementary Spanish II	5
SPAN 003	Intermediate Spanish I	4
SPAN 004	Intermediate Spanish II	4
Restricted Electives:		
EGSJ 030	Identity and Ideology: Intro to Chicano/a and Latino/a Studies	3
Required Courses		18
Restricted Electives		3
Cal-GETC General Education Requirements		34
Transferable elective units as needed.		
MINIMUM TRANSFERABLE UNITS		60
Advisor:	Y. Llort	

Students must complete the required courses for their major. General education units, transferable electives, and total degree units will vary for each student. Some considerations include the courses (and their respective units) chosen to complete a general education area or transferable elective, and if required courses for the major also count toward a general education area. Students should confer with their counselor to reach their education goals.

COURSE DESCRIPTIONS

ACADEMIC SKILLS CENTER (ASC)

ASC 005A
TUTOR TRAINING

0 Units
Total Lab Hours: 24

This course covers general tutoring skills that can be utilized for any subject matter. The tutoring skills covered are based on the requirements for College Reading and Learning Association (CRLA) tutoring certification, which includes an understanding of tutoring pedagogy elements such as tutoring rights and responsibilities, relevant learning theory, active listening, modeling, coping with affective interference, developing approaches to working with diverse populations, and academic success coaching in the tutorial context.
Prerequisite: Current enrollment with a minimum of 6 units; instructor recommendation; and a grade of "B" or better in the course to be tutored.

ASC 100
SUPERVISED TUTORING

0 Units
Total Lab Hours: 72

This course is a free, open entry/open exit environment where college students receive tutoring through the Tutoring & Academic Support Center (TASC) in a variety of subjects from one-on-one, small group, and/or online help. Students must be concurrently enrolled in the course for which they request tutoring. Referral on the basis of an identified learning need is required for students to enroll in this course. The referral can be from a counselor, an instructor, or the students themselves. (Chancellor's Office Guidelines for Title 5, Section 58170)

ASC 101A
LIBRARY WORKSHOP - LIBRARY ORIENTATION

0 Units
Total Lecture Hours: 1

This noncredit course provides supplemental instruction for students enrolled in credit courses requiring researched papers and/or assignments. Students learn about library resources and services, along with effective search techniques for online library databases.

ASC 101B
LIBRARY WORKSHOP - SEARCH STRATEGIES

0 Units
Total Lecture Hours: 1

This noncredit course provides supplemental instruction for students enrolled in credit courses requiring researched papers and/or assignments. Topics covered include effective search techniques, Boolean logic, primary and secondary sources, utilizing Google Scholar, and differentiating magazines and journals.

ASC 101C
LIBRARY WORKSHOP - EVALUATING SOURCES

0 Units
Total Lecture Hours: 1

This noncredit course provides supplemental instruction for students enrolled in credit courses requiring researched papers and/or assignments. Topics covered include evaluating sources of information and identifying fake news.

ASC 101D
LIBRARY WORKSHOP - APA FORMAT

0 Units
Total Lecture Hours: 1

This noncredit course provides supplemental instruction for students enrolled in credit courses requiring researched papers and/or assignments. Topics include proper citations in APA format and avoiding plagiarism.

ASC 101E
LIBRARY WORKSHOP - MLA FORMAT

0 Units
Total Lecture Hours: 1

This noncredit course provides supplemental instruction for students enrolled in credit courses requiring researched papers and/or assignments. Topics include proper formatting in MLA style and avoiding plagiarism.

ASC 102
WORDS

0 Units
Total Lecture Hours: 1-72

This course places an emphasis on parts of speech and their functions in a sentence. Students gain an understanding of nouns and pronouns, pronoun case, prepositions and prepositional phrases, action and linking verbs, subjects, and objects. Having a strong foundation in sentence components is essential to successful academic writing.

ASC 103
SENTENCES

0 Units
Total Lecture Hours: 1-72

Building on the skills learned in the Words course, students learn to construct simple, compound, and complex sentences. Topics include independent and dependent clauses, coordinating and subordinating conjunctions, and punctuation. By mastering these three sentence structures, students will naturally avoid fragments and run-ons.
Advisory: ASC 102

ASC 104
PARAGRAPHS & ESSAYS

0 Units
Total Lecture Hours: 1-72

Good writing can get lost in a poorly-structured paragraph or essay. This workshop emphasizes the importance of a strong thesis statement, clear topic sentences, and appropriate and sufficient support. Students will understand the differences and similarities between paragraphs and essays, and several rhetorical patterns will be discussed.

ASC 105
FOUNDATIONS OF READING

0 Units
Total Lecture Hours: 36

In this two-hour workshop, students will gain reading comprehension and critical reading skills; they will also build vocabulary skills. Students will draw logical inferences and critically evaluate arguments in academic writing.

ASC 111
MESA ORIENTATION COURSE
0 Units
Total Lecture Hours: 16

This course is intended to introduce incoming Math Engineering Science Achievement (MESA) Program students to campus resources, the expectations of undergraduate college students, research and internships, careers in science, engineering and math, and tools to be successful in college. Students taking this course must qualify for the MESA program, which includes the intention to apply to a 4-year institution. This course must be completed within the first semester of joining the MESA Program to receive benefits.

ACCESS (ACC)

ACC 040
ACCESS (DSPS) COMPUTER SKILLS AND ACADEMIC SUPPORT LAB
0 Units
Total Lab Hours: 64

In this course, students with disabilities attain the foundational skills necessary to use computers effectively for academic and personal use. The course covers basic computer operation, file management, word processing, internet navigation, and assistive technology. In addition, students receive tutoring support for coursework in various disciplines. The course emphasizes individualized instruction and self-paced learning.
Prerequisite: This course is intended for students enrolled in ACCESS who meet the qualifications to join the program. To be eligible for enrollment in this course, students must have approval from the instructor.

ACC 041
STRATEGIES FOR COLLEGE SUCCESS
2 Units
Total Lecture Hours: 27
Total Lab Hours: 27

Students with disabilities will learn life skills that will assist them in becoming successful college students in the areas of personal responsibility, self-advocacy, and usage of ACCESS services. In addition, the course provides practical instruction and hands-on application of specific study skills strategies for students who have impairments in the areas of memory, organization, time-management, test-taking, reading, and writing. Students will become familiar with the use of adaptive software to assist in the completion of class assignments.
Advisory: Intended for students with disabilities

ACC 044
ACCESS (DSPS) COMPUTER KEYBOARDING
0 Units
Total Lab Hours: 64

In this course, students with disabilities develop and improve keyboarding skills using adaptive strategies and assistive technology. Students learn proper finger placement, accuracy, speed-building techniques, and strategies for accessibility in typing. Assistive technology tools are integrated to accommodate students who have a range of disabilities, including visual impairments, mobility limitations, and learning differences.
Prerequisite: This course is intended for students enrolled in ACCESS who meet the qualifications to join the program. To be eligible for enrollment in this course, students must have approval from the instructor.

ACC 301
INTRODUCTION TO LEARNING DISABILITIES
0 Units
Total Lecture Hours: 4.5
Total Lab Hours: 13.5

Students will be introduced to the definition, characteristics, and stigmata of learning disabilities. They will also receive practical instruction in learning strategies based on their strengths and weaknesses, determined through the learning disability assessment. Students receive a credit/no credit grade.
Advisory: Intended for students with disabilities.

ACCOUNTING (ACCT)

ACCT 001
FINANCIAL ACCOUNTING
4.5 Units
Total Lecture Hours: 81

This course is the study of accounting as an information system, examining why it is important and how it is used by investors and creditors to make decisions. The course coverage includes the accounting information system and the recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the classified financial statements, and statement analysis. It also includes issues relating to asset, liability, and equity valuation; revenue and expense recognition; cash flow; internal controls; and ethics. This course replaces BUAC 001 and BUAC 002.
Advisory: BUAC 066
CSU, UC, Program Applicable
C-ID ACCT 110

ACCT 002
MANAGERIAL ACCOUNTING
3.5 Units
Total Lecture Hours: 63

This course is the study of the use and reporting of accounting data for managerial planning, cost control, and decision making purposes. The course includes broad coverage of concepts, classifications, and behaviors of costs. Topics include cost systems, the analysis and use of cost information, cost-volume-profit analysis, contribution margin, profit planning, standard costs, relevant costs, and capital budgeting. This course replaces BUAC 006.
Prerequisite: ACCT 001 with a grade of "C" or better
CSU, UC, Program Applicable
C-ID ACCT 120

ACCT 003
INTRODUCTION TO GOVERNMENTAL AND NOT-FOR-PROFIT ACCOUNTING
3 Units
Total Lecture Hours: 54

The course focuses on the theory and practice of accounting for governmental entities, not-for-profits, and health care organizations. The emphasis is on recording transactions and financial reporting for governmental entities. Areas covered include fund accounting, budgeting, recognizing revenues and expenditures, accounting for capital projects, fiduciary funds, and permanent funds. Formerly BUAC 003.
Prerequisite: ACCT 001 with a grade of "C" or better
Program Applicable

ACCT 004
TAX ACCOUNTING I - INDIVIDUALS

3 Units
Total Lecture Hours: 54

This course is designed to provide students with tax information for both personal and career interests. Students learn tax knowledge and material from the current laws and regulations. This assists in the preparation of their own individual tax returns, tax returns for other individuals, and a tax return for a small business. Income tax issues encountered by individuals in analyzing business, investment, employment, and personal decisions are reviewed. Tax planning issues for the current year and future years are considered. This course replaces BUAC 004.
Advisory: BUAC 066
CSU, Program Applicable

ACCT 005
TAX ACCOUNTING II - BUSINESS ENTITIES

3 Units
Total Lecture Hours: 54

This course is designed to provide students with tax information for both personal and career interests. Students learn tax information from the current laws and regulations available for preparation of tax returns for their own business entities and for the business entities of others. Corporations, partnerships, estates, and trusts are covered. The tax issues arising in formation, operation, and termination of corporations and partnerships are reviewed. Tax planning issues for the current year and future years are considered. Formerly known as BUAC 005.
Prerequisite: ACCT 004 with a grade of "C" or better
Program Applicable

ADULT EDUCATION (AE)

AE 300A
BASIC COLLEGE MATHEMATICS

0 Units
Total Lecture Hours: 72

AE 300A helps students acquire basic math skill competency and prepares them to succeed in college level courses. Students apply the order of operations to whole numbers, integers, and rational numbers in the form of decimals and fractions. Other topics include rates, ratios, proportions, percentages, the basic percent equation, and simple interest equation applied to business and consumer applications. Students will review metrics using the U.S. customary system and the metric system including converting units. The course introduces statistics, probability, and elementary geometric concepts such as perimeter, area, and volume, including square roots to solve simple right triangle problems using the Pythagorean Theorem. Students review linear equations, including slope. Formerly known as DE 300A.

AE 300B
BASIC COLLEGE ENGLISH

0 Units
Total Lecture Hours: 72

AE 300B is designed to improve students' receptive and expressive skills (reading and writing) and to prepare them for success in college-level courses. Writing instruction includes word usage, sentence formation, paragraph development, capitalization, punctuation, spelling, and writing conventions. Reading instruction includes using context clues, recalling information, interpreting graphic information, comprehension, and analysis of reading passages. Formerly known as DE 300B.

AE 301
SUPPLEMENTAL READING

0 Unit
Total Lecture Hours: 34

This is an open-entry/open-exit course in which students read fiction and nonfiction in order to improve comprehension, vocabulary, critical thinking, reflective writing, and general enjoyment of reading. Students borrow from a collection of books, read them, then respond to the texts orally and in writing. This course supports all AE courses. Formerly RDG 100 and DE 301.

AE 302
ENGLISH AS A SECOND LANGUAGE I

0 Units
Total Lecture Hours: 72

This is a noncredit, beginning-level class. It is an open-entry, open-exit course designed for non-native speakers of English and those who speak English as their second language. Course content includes phonics, listening skills, vocabulary, grammar, reading, writing, oral communication, social studies, and American culture. Formerly known as DE 302.

AE 303
DIGITAL LITERACY

0 Units
Total Lecture Hours: 72

This noncredit, open-entry, open-exit course is designed to teach adult learners the critical digital literacy skills necessary for work, school, and daily life.

AE 305
ENGLISH AS A SECOND LANGUAGE II

0 Units
Total Lecture Hours: 72

This is a noncredit, intermediate-level class. It is an open-entry, open-exit course designed for non-native speakers of English and those who speak English as their second language. This course continues to build upon the four language competencies of reading, writing, listening, and speaking English in integrated skills formats. Formerly known as DE 305.

AE 308
ENGLISH AS A SECOND LANGUAGE III

0 Units
Total Lecture Hours: 72

This is a noncredit, advanced-level class. It is an open-entry, open-exit course designed for non-native speakers of English and those who speak English as their second language. The course is designed to prepare students to transition to basic English courses. The course content includes advanced grammar studies as well as written and oral communication and reading. Formerly known as DE 308.

AE 309
USA LEARNS: CITIZENSHIP

0 Units
Total Lecture Hours: 72

This noncredit, open-entry, open-exit course is designed to help nonnative English speakers prepare for the United States naturalization interview, including the N-400 review and the civics, reading, and writing tests. In addition to teaching key vocabulary and concepts, the course includes extensive practice in listening and pronunciation. Formerly known as DE 309.

AE 310A
HIGH SCHOOL ENGLISH COMPOSITION - A

0 Units
Total Lecture Hours: 72

English Composition - A focuses on reading comprehension and writing skills. Students learn reading techniques, expository writing formulas, how to use reference materials, and how to analyze literature of various genres. Students explore authorial techniques in poetry, fiction, and nonfiction and analyze thematic connections. This course meets the Common Core State Standards for English Language Arts, satisfies the first semester of English in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the first half of DE 310 and DE 310A.

AE 310B
HIGH SCHOOL ENGLISH COMPOSITION - B

0 Units
Total Lecture Hours: 72

English Composition - B focuses on critical reading and writing skills. Students learn to analyze argumentative texts, informational texts, and literature of various genres and apply that learning to their own writing. The course builds students' analysis and writing skills as they explore drama, historical documents, speeches, and short fictional texts. This course satisfies the second semester of English in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the second half of DE 310 and DE 310B.

AE 312A
HIGH SCHOOL INTRODUCTION TO LITERATURE - A

0 Units
Total Lecture Hours: 72

Introduction to Literature - A examines informational texts as well as modern and world literature to explore themes, literary elements, and word choice. Students analyze the development of central ideas through the structure and vocabulary of a text. This course meets the Common Core State Standards for English Language Arts, partially satisfies the English requirement in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the first half of DE 312 and DE 312A.

AE 312B
HIGH SCHOOL INTRODUCTION TO LITERATURE - B

0 Units
Total Lecture Hours: 72

Introduction to Literature - B examines informational texts as well as modern and world literature to explore themes, literary elements, and word choice. Students analyze the development of central ideas through the structure and vocabulary of a text. This course meets the Common Core State Standards for English Language Arts, partially satisfies the English requirement in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the second half of DE 312 and DE 312B.

AE 316
READING DEVELOPMENT

0 Units
Total Lecture Hours: 64

This open-entry/open-exit course is designed to improve reading skills and to foster reading enjoyment by building and reinforcing reading proficiency. It covers decoding, comprehension, and critical thinking skills needed in academic and work situations. Formerly known as DE 316.

AE 317
COLLEGE PREPARATORY READING

0 Units
Total Lecture Hours: 3

This open-entry/open-exit course develops reading skills necessary for success in a college program of studies. The following topics are addressed: vocabulary, main ideas, supporting details, implied main ideas, inferences, purpose and tone, argument, and critical thinking. These concepts are applied to a variety of fiction and nonfiction works. Formerly RDG 051 and DE 317.

AE 320A
HIGH SCHOOL AMERICAN LITERATURE - A

0 Units
Total Lecture Hours: 72

In AE 320A, students study a variety of techniques to improve their reading comprehension and writing skills while studying the types of writing: creative, descriptive, expository, narrative, and persuasive. Students read and analyze different literary genres, with an emphasis on American literary movements, and complete writing activities to evaluate works for literary techniques, forms, and themes. This course meets the Common Core State Standards for English Language Arts, partially satisfies the English requirement in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the first half of DE 320 and DE 320A.

AE 320B
HIGH SCHOOL AMERICAN LITERATURE - B

0 Units
Total Lecture Hours: 72

In AE 320B, students encounter a variety of techniques to improve their reading comprehension and writing skills. The course includes creative, descriptive, and narrative writing with an emphasis on modern American literature and its literary movements. Students complete writing activities to evaluate various literary works with regards to literary techniques, form, and theme. This course meets the Common Core State Standards for English Language Arts, partially satisfies the English requirement in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the second half of DE 320 and DE 320B.

AE 321A
HIGH SCHOOL BRITISH LITERATURE - A

0 Units
Total Lecture Hours: 72

In this course, students will explore the relation between British history and literature from the Anglo-Saxon period through the Neoclassical era. Students read and analyze a variety of literary works from these eras by using relevant cultural and political history. This course meets the Common Core State Standards for English Language Arts, satisfies part of the English requirement in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the first half of DE 321 and DE 321A.

AE 321B
HIGH SCHOOL BRITISH LITERATURE - B

0 Units
Total Lecture Hours: 72

In this course, students will explore the relation between British history and literature from the Romantic period through the Modern era. Students read and analyze a variety of literary works from these eras by using relevant cultural and political history. This course meets the Common Core State Standards for English Language Arts, satisfies part of the English requirement in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the second half of DE 321 and DE 321B.

AE 330A
HIGH SCHOOL BEGINNING MATH SKILLS - A

0 Units
Total Lecture Hours: 72

Mathematics is the science of number, quantity, and space. In this course, students solve problems using expressions and equations. Students learn how to work with and manipulate numbers in equations in order to solve problems they encounter in everyday life. This course meets the Common Core State Standards for General Math, satisfies the first semester of General Math in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the first half of DE 330 and DE 330A.

AE 330B
HIGH SCHOOL BEGINNING MATH SKILLS - B

0 Units
Total Lecture Hours: 72

In this course, students explore how to solve problems using expressions and equations, geometry, and basic statistical methods. This course meets the Common Core State Standards for General Math, satisfies the second semester of General Math in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the second half of DE 330 and DE 330B.

AE 340A
HIGH SCHOOL WORLD GEOGRAPHY AND CULTURES - A

0 Units
Total Lecture Hours: 72

Geography is the study of the physical world and the many systems within it. In this course, students examine human cultures and how they develop in relation to the environment and its natural resources, with a particular focus on North, Central, and South America. This course satisfies an elective requirement for the High School Completion Program. Successful completion of this course is worth five high school credits and no college credits. Formerly the first half of DE 340 and DE 340A.

AE 340B
HIGH SCHOOL WORLD GEOGRAPHY AND CULTURES - B

0 Units
Total Lecture Hours: 72

Geography is the study of the physical world and the many systems within it. In this course, students examine human settlement and how it developed in relation to weather patterns and natural resources in Europe, Asia, Africa, Australia, and New Zealand. This course satisfies an elective requirement for the High School Completion Program. Successful completion of this course is worth five high school credits and no college credits. Formerly the second half of DE 340 and DE 340B.

AE 366A
HIGH SCHOOL EARTH SCIENCE - A

0 Units
Total Lecture Hours: 72

Earth Science A begins with a discussion of the methods and tools that scientists use to study Earth and space science, including the scientific method, modeling, and mathematics. Students examine theories explaining how the planets, solar system, and universe formed and explain the interactions among the sun, Earth, and moon. Students also learn about the emergence of Earth's materials, atmosphere, and first life forms, as well as the dating methods that help explain Earth's history. This course partially satisfies the physical science requirement in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the first half of DE 366 and DE 366A.

AE 366B
HIGH SCHOOL EARTH SCIENCE - B

0 Units
Total Lecture Hours: 72

Earth Science B continues the study of Earth and space science. It begins with the composition of rocks and minerals and the processes involved in the rock cycle. Other topics include tectonic mechanisms, the hydrosphere and atmosphere, the differences between weather and climate, and constructing evidence-based predictions using data and modeling. Students consider negative effects that humans can have on the natural cycles of Earth and protective measures to counter these effects. This course partially satisfies the physical science requirement in the High School Completion Program and provides five high school credits upon successful completion. Formerly the second half of DE 366 and DE 366B.

AE 368
HIGH SCHOOL ENVIRONMENTAL SCIENCE

0 Units
Total Lecture Hours: 72

This course is an introduction to the concepts and processes of environmental science. Students describe the abiotic and biotic factors of an ecosystem, the importance of biodiversity for the survival of organisms, and the importance of the food chain and the food web in the ecosystem. In addition, the course examines ecological interactions and succession, climate change, and different types of adaptation. This course partially satisfies the physical science requirement in the High School Completion Program and provides five high school credits upon successful completion. Formerly known as DE 368.

AE 384
HIGH SCHOOL WOMEN'S STUDIES

0 Units
Total Lecture Hours: 72

In AE 384, students develop critical thinking skills by exploring the experience of women through cinema. Topics include gender, race, and social class in American film and the history of the women's movement. Women's Studies explores stereotypes and normativity in female film characterizations through the 1990s. This course satisfies an elective requirement in the High School Completion Program and provides five high school credits upon successful completion. Formerly known as DE 384.

AE 387
HIGH SCHOOL INTRODUCTION TO ARCHAEOLOGY

0 Units
Total Lecture Hours: 72

The field of archaeology explains the events and societies of the past that have shaped the modern world. AE 387 focuses on the techniques, methods, and theories that guide the study of the past. Students learn how archaeological research is conducted and interpreted, how artifacts are located and preserved, and how material items are related to culture. This course satisfies an elective requirement in the High School Completion Program and provides five high school credits upon successful completion. Formerly known as DE 387.

AE 388
HIGH SCHOOL GOTHIC LITERATURE

0 Units
Total Lecture Hours: 72

In AE 388, students explore Gothic literature and its greatest authors from the 19th century through modern times. The course focuses on how Gothic themes reflect the class system, gender norms, racism, and social injustice. This course satisfies one elective requirement in the High School Completion Program and provides five high school credits upon successful completion. Formerly known as DE 388.

AE 390
GED PREP SCIENCE

0 Units
Total Lab Hours: 72

This course prepares students for the GED 2014 Official Test and is aligned with the Common Core State Standards (CCSS). The course focuses on the three content areas of the GED 2014 Science Test: life science, physical science, and earth and space science. General science curriculum is interspersed with test-taking strategies, and upon completion of the course's modules, students are given the opportunity to take a GED 2014 practice test. Formerly known as DE 390.

AE 392
GED PREP SOCIAL STUDIES

0 Units
Total Lab Hours: 72

This course prepares students for the GED 2014 Official Test and is aligned with the Common Core State Standards (CCSS). The course focuses on the four content areas of the GED 2014 Social Studies Test: Geography and the World, U. S. History, Government and Civics, Economics, and World History. In addition to the content, the course covers test-taking strategies and higher-order concepts covered on the test. Upon completion of the course's modules, students are given the opportunity to take a GED 2014 practice test. Formerly known as DE 392.

AE 395
GED PREP LANGUAGE ARTS

0 Units
Total Lab Hours: 72

This course prepares students for the GED 2014 Reasoning through Language Arts Official Test and is aligned with the Common Core State Standards (CCSS). This course includes reading comprehension, writing, language conventions, and usage. Students will learn how to determine main ideas, points of view, inferences, and claims from a variety of sources, including some at the career- and college-readiness levels. Students will also learn how to plan, organize, write, and revise essays using correct grammar, capitalization, and punctuation. Test-taking strategies are included, and upon completion of the course's modules and essay writing, students are given the opportunity to take a GED 2014 practice test. Formerly known as DE 395.

AE 396
GED PREP MATH REASONING

0 Units
Total Lab Hours: 72

This course prepares students for the GED 2014 Official Test and is aligned with the Common Core State Standards (CCSS). The course focuses on the four broad mathematical content areas of the GED 2014 Mathematical Reasoning Test: number sense and operations, data measurement and analysis, algebra, functions, and patterns, and geometry. In addition to the content, the course covers test-taking strategies and higher-order concepts covered on the test. Upon completion of the course's modules, students are given the opportunity to take a GED 2014 practice test. Formerly known as DE 396.

AE 432A
HIGH SCHOOL PRE-ALGEBRA - A

0 Units
Total Lecture Hours: 72

In AE 432A, students study basic concepts of mathematics, such as transformations and linear equations. They solve real-world problems by using linear equations and interpreting functions. This course meets the Common Core State Standards for General Math, satisfies the first semester of Pre-Algebra in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the first half of DE 332 and DE 432A.

AE 432B
HIGH SCHOOL PRE-ALGEBRA - B

0 Units
Total Lecture Hours: 72

AE 432B introduces scientific notation and how to use roots appropriately. Students plot and compare irrational numbers, simplify expressions with irrational numbers, and explore the Pythagorean Theorem and probability. This course meets the Common Core State Standards for General Math, satisfies the second semester of Pre-Algebra in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the second half of DE 332 and DE 432B.

AE 434A
HIGH SCHOOL ALGEBRA - A

0 Units
Total Lecture Hours: 72

This course is designed to build, develop, and periodically assess mathematical knowledge while strengthening students' algebraic skills. Students focus on linear relationships through graphing, creating, solving, and applying function notation to describe them. Students also study linear transformations and represent linear data using scatter plots and mathematical models. In the last unit, students represent, compare, and analyze data sets in a variety of contexts. This course satisfies the first semester of General Algebra in the High School Completion Program and provides five high school credits upon successful completion. Formerly the first half of DE 334 and DE 434A.

AE 434B
HIGH SCHOOL ALGEBRA - B

0 Units
Total Lecture Hours: 72

Algebra B builds, develops, and assesses students' mathematical knowledge while strengthening skills. Students learn quadratic and exponential relationships, perform operations, and factor polynomials, and write and graph quadratic equations. Students also model real-world situations with quadratic functions, solve quadratic equations, and solve linear-quadratic and linear-exponential functions. Students compare different function types graphically and algebraically. This course satisfies the second semester of General Algebra in the High School Completion Program and provides five high school credits upon successful completion. Formerly the second half of DE 334 and DE 434B.

AE 450A
HIGH SCHOOL WORLD HISTORY - A

0 Units
Total Lecture Hours: 72

World History A explores major historical events around the world and emphasizes the development of historical thinking skills. Students examine the origins and developments of European exploration. Students focus on events in the early modern world, investigating the causes and effects of the Renaissance; European exploration of Africa, Asia, and North and South America; the Scientific Revolution, and political revolutions from 1776 to 1917. Other topics include the impact of industrialization and nationalism on the early modern world. This course satisfies the first semester requirement of World History in the High School Completion Program and provides five high school credits upon successful completion. Formerly the first half of DE 350 and DE 450A.

AE 450B
HIGH SCHOOL WORLD HISTORY - B

0 Units
Total Lecture Hours: 72

In World History B, students explore major historical events around the world: imperialism in the late nineteenth and early twentieth centuries, WWI, WWII, the rise and fall of communism in the Soviet Union and China, and the effects of decolonization in Southeast Asia and Africa. Students then study the modernization of China, the rise of nationalism in the Middle East, and the benefits and challenges of economic globalization. This course satisfies the second semester requirement of World History in the High School Completion Program and provides five high school credits upon successful completion. Formerly the second half of DE 350 and DE 450B.

AE 451A
HIGH SCHOOL UNITED STATES HISTORY - A

0 Units
Total Lecture Hours: 72

United States History - A focuses on the expansion of the nation from the late 1700s to the mid-1900s. It reviews the events and principles behind the founding of the United States. Students use historical inquiry to analyze societal issues, trends, and events from the Civil War through the Great Depression and World War II. This course meets the Common Core State Standards for Literacy in History/Social Studies, satisfies the first semester of U.S. History in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the first half of DE 351 and DE 451A.

AE 451B
HIGH SCHOOL UNITED STATES HISTORY - B

0 Units
Total Lecture Hours: 72

In United States History - B, students examine and analyze events from the Cold War to the Civil Rights Movement to the War on Terror. These important events are evaluated through a variety of viewpoints as well as with primary and secondary sources. This course meets the Common Core State Standards for Literacy in History/Social Studies, satisfies the second semester of U.S. History in the High School Completion Program, and provides five high school credits upon successful completion. Formerly the second half of DE 351 and DE 451B.

AE 452
HIGH SCHOOL AMERICAN GOVERNMENT

0 Units
Total Lecture Hours: 72

In AE 452, students learn about the principles and events that led to the founding of the United States in the eighteenth century; examine the three branches of U.S. government; explore the role of the individual citizen; and apply this knowledge to areas of foreign, domestic, and economic policy. The course emphasizes chronology and the use of historical documents to explain the events and structures of modern government. This course satisfies the American Government requirement in the High School Completion Program and provides five high school credits upon successful completion. Formerly known as DE 352, DE 452.

AE 453
HIGH SCHOOL ECONOMICS

0 Units
Total Lecture Hours: 72

This economics course covers basic economic problems, such as scarcity, choice, and effective use of resources. Students explore market structures and international trade with emphasis on the basic principles of the American economic system and the role of the government and the Federal Reserve System. This course satisfies the economics requirement in the High School Completion Program and provides five high school credits upon successful completion. Formerly known as DE 353 and DE 453.

AE 460A
HIGH SCHOOL BIOLOGY - A

0 Units
Total Lecture Hours: 72

In AE 460A, students are introduced to biology and biochemistry with a focus on plant and animal cells, the functions of different organ systems, cell division, DNA, and chromosomes. This course meets the Common Core State Standards for Literacy in Science, satisfies the first semester of Biology in the High School Completion Program, and provides five high school credits upon successful completion. Formerly known as the first half of DE 360 and DE 460A.

AE 460B
HIGH SCHOOL BIOLOGY - B

0 Units
Total Lecture Hours: 72

AE 460B explores the classification, characteristics, and biological processes of living organisms and considers evolutionary mechanisms and the environment. Students focus on the conservation of energy in different ecosystems and how the ecosystems are interdependent. This course meets the Common Core State Standards for Literacy in Science, satisfies the second semester of Biology in the High School Completion Program, and provides five high school credits upon successful completion. Formerly known as the second half of DE 360 and DE 460B.

AE 465A
HIGH SCHOOL PHYSICAL SCIENCE - A

0 Units
Total Lecture Hours: 72

In AE 465A, students learn to describe the atomic and molecular structure of substances using models and to investigate chemical reactions, forces, and the motion of objects. Students solve problems of power and apply these principles to simple machines to understand their relationship to more complex machines. This course meets the Common Core State Standards for Literacy in Science, satisfies the first semester of Physical Science in the High School Completion Program, and provides five high school credits upon successful completion of the course. Formerly the first half of DE 365 and DE 465A.

AE 465B
HIGH SCHOOL PHYSICAL SCIENCE - B
0 Units
Total Lecture Hours: 72

In AE 465B, students investigate gravitational and electromagnetic force fields as well as concepts of electricity. The course explores energy transformations, how sound and light travel, and how electromagnetic waves assist with communication and collection of information about the universe. This course meets the Common Core State Standards for Literacy in Science, satisfies the second semester of Physical Science in the High School Completion Program, and provides five high school credits upon successful completion of the course. Formerly the second half of DE 365 and DE 465B.

AE 470
HIGH SCHOOL HEALTH SCIENCE
0 Units
Total Lecture Hours: 72

Health Science explores what it means to be healthy and the activities that engender long-term health; practices that lead to a longer, more enjoyable life; and how health choices impact a student's life in meaningful ways. This course satisfies the requirement for Health Science in the High School Completion Program and provides five credits upon successful completion. Formerly known as DE 370 and DE 470.

AMERICAN SIGN LANGUAGE (ASL)

ASL 001
ELEMENTARY AMERICAN SIGN LANGUAGE I
5 Units
Total Lecture Hours: 90

This course is an introduction to American Deaf culture through the language of American Sign Language (ASL) and includes sign vocabulary, grammar, the manual alphabet, receptive and expressive skills, finger spelling, non-verbal techniques, and language philosophies related to the Deaf culture. Students also explore the historical and cultural aspects of the Deaf community. This course is equivalent to ASL 001A and ASL 001B.
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: None

ASL 002
ELEMENTARY AMERICAN SIGN LANGUAGE II
5 Units
Total Lecture Hours: 90

This course continues to build upon the topics, vocabulary, grammar, and conversational skills introduced in Elementary American Sign Language I (ASL 001). Students further study specific language and cultural behaviors and learn how to control the pace of a conversation, and are encouraged to apply Deaf culture communication skills in a variety of classroom and realistic situations. Students continue to develop and extend their previously acquired knowledge and skills, as well as focus on developing awareness and cultural sensitivity to Deaf values and norms. This course is equivalent to ASL 002A and ASL 002B.
Prerequisite: ASL 001 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B

ASL 003
INTERMEDIATE AMERICAN SIGN LANGUAGE I
4 Units
Total Lecture Hours: 72

This course builds on the material introduced in ASL-002. Students expand their vocabulary and idioms, increase to a normal conversational speed, and express and receive complex ASL sentences. Students work with ASL narratives and apply discourse skills with special emphasis on spatial grammar structures. Students continue to develop their awareness of Deaf culture. This course includes an expanded discussion of Deaf cultural issues and daily life.
Prerequisite: ASL 002 with a grade of "C" or better
CSU, UC Program Applicable
CMC GE: 3, Cal-GETC: 3B

ASL 004
INTERMEDIATE AMERICAN SIGN LANGUAGE II
4 Units
Total Lecture Hours: 72

This course continues to develop the material introduced in ASL 003. Students demonstrate mastery of ASL vocabulary and idioms, complex ASL sentences and fingerspelled loan signs, and develop ASL storytelling skills while refining discourse skills. Students increase their conversational speed in fingerspelling. Sensitivity to Deaf cultural issues will be demonstrated in the classroom and in the Deaf community.
Prerequisite: ASL 003 with a grade of "C" or better
CSU, UC Program Applicable
CMC GE: 3, Cal-GETC: None

ANTHROPOLOGY (ANTH)

ANTH 001
INTRODUCTION TO PHYSICAL ANTHROPOLOGY
3 Units
Total Lecture Hours: 54

This course examines the origins of humans and their place in nature. Students will study the mechanisms of biological evolution, the physical form and behavior of the nonhuman primates, the fossil record of early humans, and current racial variability. The course emphasizes the interpretation of data using scientific methods and theories as applied to the biological and cultural evolution of humans.
CSU. UC, Program Applicable
CMC GE: 5, Cal-GETC: 5B
C-ID ANTH 110

ANTH 002
CULTURAL ANTHROPOLOGY
3 Units
Total Lecture Hours: 54

In this course, students examine the dynamics of human experience in a topical introduction to the cross-cultural study of societies. Among the topics discussed are the comparative analysis of language, religion, economic patterns, social structures, and political organization. Students explore relevant theories of culture and the nature of cultural change.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID ANTH 120

ANTH 003
ARCHAEOLOGY: AN INTRODUCTION TO PREHISTORY
3 Units
Total Lecture Hours: 54

This course investigates human prehistory, spanning the period. This course is an introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past. The course includes a discussion of the nature of scientific inquiry; the history and interdisciplinary nature of archaeological research; dating techniques; methods of survey, excavation, analysis, and interpretation; cultural resource management; professional ethics; and selected cultural sequences.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID ANTH 150

ART (ART)

ART 001A
FUNDAMENTALS OF DRAWING AND COMPOSITION
3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an introduction to observational drawing and composition open to art and non-art majors interested in developing basic drawing skills. Students develop the ability to perceive and define shape, contour, volume, space, and light using a variety of drawing media and subject matter. Emphasis is on clarity of observation and the ability to order and translate three-dimensional form and space into two-dimensional drawings. Students expand their understanding of visual and verbal analysis pertaining to finished works of art and examine historical and contemporary trends in drawing. *This course has additional fees required for course materials.*
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: None
C-ID ARTS 110

ART 101A
FUNDAMENTALS OF DRAWING AND COMPOSITION - NONCREDIT
0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an introduction to observational drawing and composition open to art and non-art majors interested in developing basic drawing skills. Students develop the ability to perceive and define shape, contour, volume, space, and light using a variety of drawing media and subject matter. Emphasis is on clarity of observation and the ability to order and translate three-dimensional form and space into two-dimensional drawings. Students expand their understanding of visual and verbal analysis pertaining to finished works of art and examine historical and contemporary trends in drawing.

ART 001B
INTERMEDIATE DRAWING AND COMPOSITION
3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is an intermediate course in the concepts and techniques of drawing and composition. Students build on fundamental drawing skills and develop personalized creative responses to artistic concepts, styles, and complex subject matter. A variety of drawing mediums, techniques, and methodologies are explored, with an emphasis on a pictorial or thematic series and portfolio building. Students continue to develop their understanding of visual and verbal analysis pertaining to finished works of art and examine a variety of historical and contemporary trends in drawing.
Prerequisite: ART 001A with a grade of "C" or better
CSU, UC, Program Applicable
C-ID ARTS 205

ART 003A
INTRODUCTION TO TWO-DIMENSIONAL DESIGN
3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course introduces the concepts, applications, and historical references related to two-dimensional art and composition. The study of the basic design elements, line, shape, texture, value, color, and spatial illusion are included, along with the study of design principles such as unity, emphasis, contrast, balance, proportion, and directional forces. Students gain insight and hands-on experience in compositional problem-solving and are introduced to the analytical concepts of art and design. *This course has additional fees required for course materials.*
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: None
C-ID ARTS 100

ART 004
THREE-DIMENSIONAL DESIGN
3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course introduces the concepts, applications, and historical references related to three dimensional design and spatial compositions, including the study of visual elements and design principles as they apply to form and space. Students will develop a visual design vocabulary through lecture presentations and in the use of appropriate materials for three-dimensional studio projects. Studio techniques will include casting, additive, subtractive, and assemblage methods in the production of three-dimensional forms. *This course has required art supplies. Consult instructor or syllabus for details.*
CSU, UC, Program Applicable
C-ID ARTS 101

ART 005A
INTRODUCTION TO FIGURE DRAWING
3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is a first semester course for art and non-art majors interested in developing the basic drawing skills of representing the human figure and understanding artistic anatomy. As an introduction to observational figure drawing and composition, students develop the ability to perceive and define the anatomy and structural organization of the human form in terms of expressive design and creative use of drawing media. Students utilize a variety of drawing media within the course and work up to representing the human figure in full value and color. *This course has additional fees required for course materials.*
Advisory: ART 001A
CSU, UC, Program Applicable
C-ID ARTS 200

ART 105A
INTRODUCTION TO FIGURE DRAWING - NONCREDIT

0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is a first semester course for art and non-art majors interested in developing the basic drawing skills of representing the human figure and understanding artistic anatomy. As an introduction to observational figure drawing and composition, students develop the ability to perceive and define the anatomy and structural organization of the human form in terms of expressive design and creative use of drawing media. Students utilize a variety of drawing media within the course and work up to representing the human figure in full value and color.
Advisory: ART 001A

ART 005B
INTERMEDIATE FIGURE DRAWING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

At an intermediate level, this course studies the human figure through observation, using a variety of drawing media and techniques. Collage and mixed media applications are included. Students will study human anatomy and the traditional and contemporary roles of figure drawing in the visual arts. Representational and expressive approaches are studied through the manipulation of visual elements and design principles such as contour line, form, volume, proportion, and foreshortening. Individual style is emphasized in portfolio development. Students expand vocabulary and analytical skills in the assessment of finished compositions.
Prerequisite: ART 005A with a grade of "C" or better
CSU, UC, Program Applicable

ART 007A
INTRODUCTION TO CERAMICS

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is an introductory ceramics course for art and non-art majors. Ceramics materials, concepts, and processes including basic design principles, creative development, hand-building, throwing, glaze techniques, firing, and ceramic terminology are covered. Students explore aesthetic and creative development of clay objects by examining historical, contemporary, and personal modes of expression across cultures. *This course has required art supplies. Consult instructor or syllabus for details.*
Advisory: ART 004
CSU, UC, Program Applicable

ART 107A
INTRODUCTION TO CERAMICS - NONCREDIT

0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is an introductory ceramics course for art and non-art majors. Ceramics materials, concepts, and processes including basic design principles, creative development, hand-building, throwing, glaze techniques, firing, and ceramic terminology are covered. Students explore aesthetic and creative development of clay objects by examining historical, contemporary, and personal modes of expression across cultures.
Advisory: ART 004

ART 007B
INTERMEDIATE CERAMICS

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is an intermediate course that includes pottery-making methods and the concepts and applications of clay as a sculptural medium. Students expand their knowledge and expertise of hand-building, throwing, glazing, and kiln firing techniques. Theories and trends in ceramic art from pre-history to the contemporary era will be studied in relationship to the students own work. Emphasis is placed on the development of personal expression through a related series of three-dimensional clay forms, along with an understanding of visual and verbal analysis pertaining to ceramics. *This course has required art supplies. Consult instructor or syllabus for details.*
Prerequisite: ART 007A with a grade of "C" or better
CSU, UC, Program Applicable

ART 009A
PRINTMAKING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course introduces various basic methods of relief and intaglio printmaking. Monoprint, woodcut, and linocut processes are included, with a thorough exploration of multiple block printing and color reduction. Intaglio techniques include engraving, etching, and dry point. The use of non-toxic media is emphasized, when possible. Printmaking within the context of art history will be studied, along with contemporary and current aesthetic trends. Students will also develop an understanding of visual and verbal analysis pertaining to printmaking art. *This course has additional fees required for course materials.*
Advisory: ART 003A
CSU, UC, Program Applicable

ART 109A
PRINTMAKING - NONCREDIT

0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This section is noncredit and there is no unit cost. It is mirrored with ART-009A and is intended for older adults (age 55+ years). However, anyone of any age may enroll. This course introduces various basic methods of relief and intaglio printmaking. Monoprint, woodcut, and linocut processes are included, with a thorough exploration of multiple block printing and color reduction. Intaglio techniques include engraving, etching, and dry point. The use of non-toxic media is emphasized, when possible. Printmaking within the context of art history will be studied, along with contemporary and current aesthetic trends. Students will also develop an understanding of visual and verbal analysis pertaining to printmaking art.
Advisory: ART 003A

ART 009B
PRINTMAKING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an intermediate exploration of relief and intaglio printmaking. Collagraph and planographic methods are explored, along with photo etching and digital based applications. The use of non-toxic media is emphasized, when possible. Printmaking within the context of art history will be studied, along with contemporary and current aesthetic trends. Students will also develop an understanding of visual and verbal analysis pertaining to printmaking art.
Prerequisite: ART 009A with a grade of "C" or better
CSU, UC, Program Applicable

ART 010
INTRODUCTION TO ART

3 Units
Total Lecture Hours: 54

This course is an introduction to the concepts, techniques, and social forces that shape and reflect our visual world. Emphasis is placed on gaining insights and developing an understanding of the variables inherent in planning, organizing, and making a work of art.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3A
C-ID ARTH 100

ART 011A
INTRODUCTION TO SCULPTURE

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an introduction to sculpture for art and non-art majors covering three-dimensional sculptural principles, techniques, and concepts utilizing a wide range of materials and practices. Various sculpture methods are practiced with attention to creative self-expression and historical context. Students explore a variety of materials and processes, including additive and subtractive methods, assemblage and construction, and relief mold-making and casting. Concepts and trends in sculpture and three-dimensional art from pre-history to the contemporary are studied with an emphasis on covering a range of artists from diverse backgrounds and identities.
Advisory: ART 004, ART 001A
CSU, UC, Program Applicable

ART 011B
INTERMEDIATE SCULPTURE

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is an intermediate course in the principles, theories, and techniques of sculptural objects, and the three-dimensional format. Students explore a variety of materials and processes, including additive and subtractive methods, assemblage and construction, and mold making and casting. Students study the concepts and application of installation work, along with maquette making for public sculpture proposals. Students will further explore concepts and trends introduced in the beginning sculpture course including three-dimensional art from pre history to the contemporary period. Students will continue to develop an understanding of personal expression through sculptural form and will continue to practice visual and verbal analysis.
Prerequisite: ART 011A with a grade of "C" or better
CSU, UC, Program Applicable

ART 023A
INTRODUCTION TO PAINTING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is a first semester course for art and non-art majors interested in developing basic painting skills. The course explores traditional and contemporary painting techniques with an emphasis on cultivating observational painting skills. Students learn how to perceive and define shape, contour, volume, texture, space, and light using oil painting media. Emphasis is on learning the techniques of painting, understanding the use of color, strengthening observation and rendering skills, while providing an understanding of the historical and cultural development of painting. *This course has additional fees required for course materials.*
Advisory: ART 001A
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: None
C-ID ARTS 210

ART 123A
INTRODUCTION TO PAINTING - NONCREDIT

0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is a first semester course for art and non-art majors interested in developing basic painting skills. The course explores traditional and contemporary painting techniques with an emphasis on cultivating observational painting skills. Students learn how to perceive and define shape, contour, volume, texture, space, and light using oil painting media. Emphasis is on learning the techniques of painting, understanding the use of color, strengthening observation and rendering skills, while providing an understanding of the historical and cultural development of painting.
Advisory: ART 001A

ART 023B
INTERMEDIATE PAINTING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is an intermediate course for art and non-art majors interested in further development of painting skills and techniques, understanding the use of color and space while strengthening observation and rendering skills. The course explores both traditional and contemporary painting concepts, styles, and techniques that involve complex compositional and technical problems in either acrylic or oil painting media.
Prerequisite: ART 023A with a grade of "C" or better
CSU, UC, Program Applicable

ART 123B
INTERMEDIATE PAINTING - NONCREDIT

0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is an intermediate course for art and non-art majors interested in further development of painting skills and techniques, understanding the use of color and space while strengthening observation and rendering skills. The course explores both traditional and contemporary painting concepts, styles, and techniques that involve complex compositional and technical problems in either acrylic or oil painting media.
Prerequisite: ART 023A with a grade of "C" or better

ART 031
DIGITAL PHOTOGRAPHY

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course provides an introduction to the tools, materials, and techniques of digital photography, including the use of related computer software programs. Multimedia editing techniques, file formats, composition, and the preparation of images for Web use are included. Theoretical and conceptual trends of digital photography within the scope of contemporary art will be emphasized, as well as personal applications. Students will develop an understanding of visual and verbal analysis pertaining to the aesthetics of digital photographs. Each student must have a digital camera, preferably one with manual controls. *This course has required art supplies. Consult instructor or syllabus for details.*
Advisory: ART 003A, CIS 070B
CSU, Program Applicable

ART 033
HISTORY OF PHOTOGRAPHY

3 Units
Total Lecture Hours: 54

This course covers the history of photography from its beginning in the mid-nineteenth century to the present time. Illustrated lectures on the technology, application, and aesthetics of photography as a fine art form include the significant movements that contributed to the establishment of photography as one of the major forms of art and communication in the twentieth and twenty-first centuries.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3A

ART 040
INTRODUCTION TO DIGITAL GRAPHIC DESIGN

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course introduces fundamental concepts, practices, and theories of graphic design in the digital realm. Topics include traditional design elements, pictographs, logos, typography, and color principles with contemporary digital applications. Included is an introduction to raster and vector graphics using industry-standard software such as Adobe Photoshop, Illustrator, and InDesign. Students will explore digital prepress and press production methods. Theoretical and conceptual trends of digital imagery within the scope of contemporary art and advertising will be emphasized, as well as personal expression. Students will develop an understanding of visual and verbal analysis pertaining to the aesthetics of digital graphic design. *This course has required art supplies. Consult instructor or syllabus for details.*
Advisory: ART 003A
CSU, Program Applicable
C-ID ARTS 250

ART 041
GRAPHIC DESIGN II

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

Students in this course utilize computers to solve communication and design problems for traditional and new media using graphic, audio, and animation components. Topics covered include digital typography, animation, motion graphics, sound, and new media. Adobe Photoshop/Illustrator, Adobe Encore, and ProShow Producer are the primary applications used in this class. Students must have a digital camera, preferably with manual controls and video capabilities. Students are strongly advised to have access to a home computer and printer for successful completion of this course. *This course has required art supplies. Consult instructor or syllabus for details.*
Prerequisite: ART 040 with a grade of "C" or better
CSU, Program Applicable

ART 048A
DIRECTED RESEARCH SEMINAR

1 Unit
Total Lecture Hours: 18

The course provides students an opportunity to extend their knowledge and experience of selected topics in Art within the general scope of departmental offerings that are not contained in scheduled courses. Courses 48A, 48B and 48C may be taken for 1, 2 and 3 units, respectively, with a maximum of six (6) seminar units accepted for the A.A. or A.S. degree. Course content and unit credit to be determined by discipline faculty in consultation with the Chief Instructional Officer, and in relation to community/student needs and available staff. At the discretion of the instructor, this course may include lectures, directed study, small group discussions, conferences, art show and gallery management projects, art and community projects, or art-related research projects.
CSU, Program Applicable

ART 048B
DIRECTED RESEARCH SEMINAR

2 Units
Total Lecture Hours: 36

The course provides students an opportunity to extend their knowledge and experience of selected topics in Art within the general scope of departmental offerings that are not contained in scheduled courses. Courses 48A, 48B and 48C may be taken for 1, 2 and 3 units, respectively, with a maximum of six (6) seminar units accepted for the A.A. or A.S. degree. Course content and unit credit to be determined by discipline faculty in consultation with the Chief Instructional Officer, and in relation to community/student needs and available staff. At the discretion of the instructor, this course may include lectures, directed study, small group discussions, conferences, art show and gallery management projects, art and community projects, or art-related research projects.
CSU, Program Applicable

ART 048C
DIRECTED RESEARCH SEMINAR

3 Units
Total Lecture Hours: 54

The course provides students an opportunity to extend their knowledge and experience of selected topics in Art within the general scope of departmental offerings that are not contained in scheduled courses. Courses 48A, 48B and 48C may be taken for 1, 2 and 3 units, respectively, with a maximum of six (6) seminar units accepted for the A.A. or A.S. degree. Course content and unit credit to be determined by discipline faculty in consultation with the Chief Instructional Officer, and in relation to community/student needs and available staff. At the discretion of the instructor, this course may include lectures, directed study, small group discussions, conferences, art show and gallery management projects, art and community projects, or art-related research projects.
CSU, Program Applicable

ART 052
HISTORY OF ART: MODERN TO CONTEMPORARY ART WITH A GLOBAL PERSPECTIVE

3 Units
Total Lecture Hours: 54

The art of Europe, America, and other world cultures from the late nineteenth century to the present is examined in the context of global pluralism. Students will participate in illustrated lectures on significant movements in painting, sculpture, and architecture beginning with Impressionism and including Expressionism, Cubism, Dada, Surrealism, Abstract Expressionism, and Pop Art. Postmodern art and its transitional movements such as Earth works, Performance Art, Graffiti Art, Conceptual Art, Video, Feminist and Gender related issues, and Neo-expressionism are included in the course. Contemporary trends of multiculturalism and art in the digital realm are investigated.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3A
C-ID ARTH 150

ART 053
INTRODUCTION TO THE VISUAL ARTS OF NON-WESTERN CULTURES

3 Units
Total Lecture Hours: 54

This survey course provides an overview of art and architecture within the selected regions of non-western civilizations of Africa, Oceana, Mesoamerica and indigenous North America. Students will participate in illustrated lectures and classroom activities that emphasize the significant arts forms from the prehistoric era to the 20th Century. Contemporary global perspectives will be included in the course.

Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3A
C-ID ARTH 140

ART HISTORY (ARTH)

ARTH C1100
SURVEY OF ART FROM PREHISTORY TO THE MEDIEVAL ERA

3 Units
Total Lecture Hours: 54

This course introduces students to visual art and architecture from prehistory to the medieval era with a focus on art from Europe, North Africa, and the near East. The course will further consider global interactions involving these regions. The course is appropriate for students pursuing a degree in Studio Art or Art History, or seeking to fulfill General Education requirements in Fine Arts and Humanities. Formerly known as ART 050.

Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3A
C-ID ARTH 110

ARTH C1200
SURVEY OF ART FROM THE RENAISSANCE TO CONTEMPORARY

3 Units
Total Lecture Hours: 54

This course provides an overview of art and architecture from the Renaissance to the contemporary period with a focus on art from Europe. The course will further consider global interactions involving this region. Illustrated lectures and classroom activities will cover the artistic forms from the periods of the Italian Renaissance, Mannerism, Northern Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism and Post Impressionism, along with major movements of the 20th Century. The course is appropriate for students pursuing a degree in Studio Art or Art History, or seeking to fulfill General Education requirements in Fine Arts and Humanities. Formerly known as ART 051.

Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3A
C-ID ARTH 120

ASTRONOMY (ASTR)

ASTR C1001
INTRODUCTION TO ASTRONOMY

3 Units
Total Lecture Hours: 54

This course introduces fundamental concepts of astronomy, including the Solar System, stars, supernovae, galaxies, black holes, and the expanding universe. Students learn how to study the cosmos and what the latest discoveries reveal about the origins and fate of the universe. Designed for non-science majors, this course provides an introductory view of planetary, stellar, and galactic astronomy. Students review research techniques, current knowledge and theory about the planets, stars, galaxies, and exobiology, as well as the age and origin of the universe. In addition, students explore the contributions of significant astronomers throughout history who shaped our current understanding of the universe. Formerly known as A 001.

CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A

ASTR C1001L
INTRODUCTION TO ASTRONOMY LAB

1 Unit
Total Lab Hours: 54

This laboratory course reinforces fundamental principles and concepts of astronomy by applying the scientific method through experiments, observations, and/or simulations. Students acquire hands-on skills in the practical use of the telescope. Formerly known as A 001L.

Corequisite: ASTR C1001 or prior completion
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5C

AUTOMOTIVE TECHNOLOGY (AUTO)

A.S.E. — Automotive Service Excellence Education Foundation
B.A.R. — Bureau of Automotive Repair

AUTO 004
PRINCIPLES OF AUTOMOTIVE TECHNOLOGY

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

Principles of Automotive Technology is the prerequisite course for the entry level student in the Automotive Program. It provides a comprehensive overview of the major components and systems found on modern automobiles. The course includes information on the automotive repair industry, workplace safety, identification and proper use of hand tools, construction and operation of major automotive systems, and basic procedures for vehicle maintenance and service.

Program Applicable

AUTO 018
ENGINE PERFORMANCE I

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

Automotive Engine Performance provides comprehensive coverage and hands-on experience in the fundamentals of automotive engine systems affecting engine performance and drivability. This course focuses on various automotive ignition systems, intake and exhaust systems, fuel injection systems, emission control devices, and system-related electronics. Students will learn about the proper servicing, diagnosis, and repair of common engine management malfunctions.

Program Applicable

AUTO 020
AUTOMOTIVE ELECTRICAL SYSTEMS I

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

Automotive Electrical Systems I provides theory and hands-on experience in the fundamental principles of electricity and automotive electrical systems. This course covers basic theories and laws of electricity, types of circuits, automotive wiring and circuit diagrams, special tools and procedures, basic electrical component troubleshooting, service, and repair. Additionally, this course specifically addresses the construction, operation, diagnosis, service, repair, and replacement of the following electrical components and systems: automotive batteries, automotive starters and starting systems, automotive alternators and charging systems, and automotive lighting and lighting circuits.
Program Applicable

AUTO 021
AUTOMOTIVE ELECTRICAL SYSTEMS II

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

Automotive Electrical Systems II (AUTO-021) provides further study of the automotive electrical systems and introduces students to more advanced electronic components and digital communication networks used on current production vehicles. Students obtain practical hands-on experience in the proper diagnosis, service and repair of electronically-controlled components and systems. This course also includes information on the operation, diagnosis and repair of electronically-controlled lighting systems, instrumentation and warning lamps, accessories, and passive restraint systems. Alternatively powered vehicles are also introduced in this course. New automotive electrical/electronic technology will be introduced as it becomes available.
Prerequisite: AUTO 020 or current ASE Electrical Certification.
Program Applicable

AUTO 027
BASIC AND ADVANCED CLEAN AIR CAR COURSE ENGINE AND EMISSION CONTROL TRAINING (LEVEL 1) AND SMOG CHECK TRAINING (LEVEL 2)

5 Units
Total Lecture Hours: 81
Total Lab Hours: 27

This course provides the student with the knowledge and skills necessary to meet the coursework requirements of the Bureau of Automotive Repair (BAR) and SMOG technician licensing statewide. The course includes coverage of the Basic Clean Air Car course material – Engine and Emission Control Training (Level 1), and Advanced Emissions Diagnostics-Smog Check Training (Level 2), as well as SMOG test equipment operation and safety, BAR '97 dynamometer loaded mode test procedures, lab scope familiarity, and applicable testing, and other updated course materials as required. (Formerly known as AUTO 027A-D and AUTO 028A-D).
Advisory: AUTO 018, AUTO 029
Program Applicable

AUTO 028
INTRODUCTION TO HYBRID AND ELECTRIC VEHICLE TECHNOLOGY

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course explores the use of hybrid and electrical battery power for vehicle transportation. Topics include safety when using high voltage, maintenance procedures, drivability, inverter, DC/DC power transfer, and battery technology. This course also covers physics of battery storage, hybrid generation systems, electric vehicle applications, and their integrated systems from many manufacturers. This course could be preparation for the students' successful completion of the L3 ASE certification exam.

The Light Duty Hybrid/Electric Vehicle Specialist (L3) is an advanced level certification geared toward technicians who perform diagnoses and repairs on hybrid/electric vehicles. Students are advised that the Automobile Electrical/Electronic Systems (A6) and Engine Performance (A8) certifications are required to registered for the (L3) certification.
Program Applicable

AUTO 029
ENGINE PERFORMANCE II

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

Engine Performance II is an advanced engine computer and drivability course that provides the automotive student with information and practical skills on the theory, operation, testing, diagnosis, and repair of On-Board Diagnostics II (OBD II) powertrain management systems. This course emphasizes diagnostic procedures and techniques applied to computer controlled ignition, fuel, and emissions systems using basic and sophisticated state of the art test equipment. This course also includes information on construction and operation of automotive emission controls, OBD II monitoring strategies, and five-gas exhaust analysis.
Prerequisite: AUTO 018 with a grade of "C" or better, or 2 (two) years verifiable trade experience
Program Applicable

AUTO 035
AUTOMOTIVE STEERING, SUSPENSION, AND ALIGNMENT

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

Automotive Steering, Suspension, and Alignment (AUTO-035) provides the automotive student with the basic knowledge and practical hands-on experience in the service, inspection, diagnosis and repair of modern automotive steering and suspension systems. This course includes information on the construction features, operating principles, service, repair, and adjustment of wheel bearings, tires and wheels, standard and electronic suspensions, steering columns, power steering pumps, steering gears, tire pressure monitoring, and four-wheel steering systems. The theory and procedures related to four-wheel alignment are also covered.
Program Applicable

AUTO 036
AUTOMOTIVE BRAKE SYSTEMS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

Automotive Brake Systems introduces the student to automotive brake components and provides fundamental information on the design, construction, and operating principles of modern automotive braking systems. Emphasis is placed on providing practical hands-on experience in the proper inspection, measurement, testing, general service, adjustment, repair, diagnosis, removal, disassembly, reassembly, and replacement of braking system components used on current production vehicles. New automotive brake system technology will be introduced as it becomes available.
Program Applicable

AUTO 044
AUTOMOTIVE ENGINE REPAIR

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course provides the automotive student with basic theory and practical hands-on experience in the testing, diagnosis, disassembly, inspection, adjustment, service and/or repair, and reassembly of the automobile engine. Cylinder heads, valve trains, and other engine related components will also be covered.
Program Applicable

AUTO 045
AUTOMATIC TRANSMISSIONS AND TRANSAXLES

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course introduces automotive students to the basic construction and operating principles of common, current production, automotive automatic transmissions and transaxles. Topics covered in this course include: drivetrain theory, torque converter design and theory of operation, oil pumps, gear sets, reaction units, friction units, hydraulic circuits and controls, and electronic transmission/transaxle controls. Emphasis is placed on providing students practical hands-on experience in the proper diagnosis, service, repair, and partial overhaul of automotive automatic transmissions and transaxles. New technology in this subject area will be introduced as it becomes available. This course is aligned with the National Automotive Technicians Education Foundation (NATEF) 2012 accreditation standards.
Program Applicable

AUTO 060
AUTOMOTIVE HEATING AND AIR CONDITIONING

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course introduces students to the basic theory, construction, and operating principles related to automotive air conditioning, heating, and advanced climate control systems. Students gain practical hands-on experience in the proper service, diagnosis, and repair of automotive heating, ventilation, and cooling (HVAC) systems used on current production vehicles. The currently accepted industry practices to retrofit early AC systems to new refrigerants are also covered. In addition, AUTO 060 includes information on U.S. Environmental Protection Agency (EPA) rules governing the handling and disposal of automotive air conditioning (AC) refrigerants. New automotive HVAC technology will be introduced as it becomes available.
Program Applicable

AUTO 065
MANUAL TRANSMISSIONS AND TRANSAXLES

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course provides the automotive student with information on the construction features and principles about the operation of current manual transmissions, transaxles, clutches, drive lines, axles, and differentials for both front wheel drive and rear wheel drive vehicles. The student is also provided practical hands-on experience in the testing, diagnosis, disassembly, inspection, measurement, adjustment, service, and/or repair, and reassembly of these manual powertrain components. This course is aligned with the National Automotive Technicians Education Foundation (NATEF) 2012 accreditation standards.
Program Applicable

AUTO 078
HYBRID AND ALTERNATIVE FUEL VEHICLES

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course introduces the automotive student to the role of hybrid and alternative fuel vehicles in today's society. It covers the design, theory of operation and service of several current hybrid and alternative fuel vehicles. Additional topics include hybrid battery design and service; control and operation of electric motors and generators; hybrid vehicle transmissions; regenerative braking; hybrid vehicle heating and air conditioning; and fuel cells and other advanced technologies. (Formerly AUTO 078A-B).
Program Applicable

BIOLOGY (BIOL)

BIOL C1001
INTRODUCTION TO BIOLOGY

3 Units
Total Lecture Hours: 54

This lecture course provides the non-biology major with an introduction to living things and their environment. Students develop important critical thinking skills as they learn about the process of science, the building blocks of life, the role and regulation of DNA, how populations change over time, the movement of energy within and between life forms, and how species interact with each other and their surroundings. By the end of the course, students will be able to apply an understanding of biological concepts to current issues and their impacts on society. Formerly known as BI 004.

Note: A coordinated laboratory course (BIOL C1001L) gives practical study. BIOL C1001 and BIOL C1001L meet the Biological Sciences General Education Requirement; BIOL C1001 and BIOL C1001L do not meet requirements for biological science majors. BIOL C1001 is offered for those individuals with little or no background in the biological sciences.
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5B

BIOL C1001L
INTRODUCTION TO BIOLOGY LAB

1 Unit
Total Lab Hours: 54

This laboratory course provides the hands-on application of concepts learned in the Introduction to Biology lecture (BIOL C1001) for the non-biology major. Students use experimentation and investigation to develop important critical thinking skills. Students engage in the process of science to explore the building blocks of life, the role and regulation of DNA, how populations change over time, the movement of energy within and between life forms, and how species interact with each other and their surroundings. By the end of the course, students will be familiar with some of the equipment and techniques used by biologists. Formerly known as BI 004L.

Note: BIOL C1001 and BIOL C1001L meet the Biological Sciences General Education requirements. BIOL C1001 and BIOL C1001L do not meet the requirements for biological science majors. BIOL C1001L is offered for those individuals with little or no background in the biological sciences. Some colleges or universities may not give academic credit for online science laboratory courses, so students should verify this with the college or university to which they are transferring if taken in an online format.

Corequisite: BIOL C1001 or prior completion
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5B, 5C

BIOL 005
MOLECULAR AND CELLULAR BIOLOGY

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

Intended for science majors, this course covers the principles and applications of prokaryotic and eukaryotic cell structure and function, biological molecules, homeostasis, cell reproduction and its controls, molecular genetics, classical/Mendelian genetics, cell metabolism including photosynthesis and respiration, and cellular communication. The philosophy of science, methods of scientific inquiry, and experimental design are emphasized in the course. In conjunction with BIOL 006, Biology of Organisms, this course provides students with the general biology core curriculum for transfer. Formerly known as BI 005.

Prerequisite: Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5B, 5C
C-ID BIOL 190

BIOL 006
BIOLOGY OF ORGANISMS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

Intended for science majors, this course is a survey of the basic biology and diversity of unicellular and multicellular organisms. It emphasizes general biological principles, classification, structure, function, development, physiology, regulation, and evolutionary adaptations of organisms (including plants, fungi, animals, and unicellular organisms) to their environments. Additional topics include population dynamics, community ecology, mechanisms of evolution, and population genetics. Laboratory activities may include field trips. Formerly known as BI 006.

Prerequisite: Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.
Advisory: BIOL 005, ENGL C1000
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5B, 5C
C-ID BIOL 140

BIOL 015
GENERAL MICROBIOLOGY

5 Units
Total Lecture Hours: 72
Total Lab Hours: 54

This course is a comprehensive study of the microbial world. It is designed to develop an understanding and appreciation of microorganisms and their relationship to humans and their environment. Knowledge of the principles of microbiology and their practical applications is stressed. Subject matter includes medical microbiology, microbial physiology, microbial genetics, and industrial microbiology. The laboratory experience explores the development of current methods, techniques, and skills required to culture, propagate, and identify microorganisms. Formerly known as BI 015.

Prerequisite: BIOL 023 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5B, 5C

BIOL 022
HUMAN ANATOMY

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course examines the structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. BIOL 022 is primarily intended for nursing, allied health, kinesiology, and other health-related majors, and satisfies the Biological Science General Education requirements. It is not recommended for the premedical or pre-dental students who must take BIOL 005 and BIOL 006. Formerly known as BI 022.

Advisory: BIOL C1001/BIOL 004 and one of the following MATH 010 or MATH 012 or STAT C1000 or MATH 016
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5B, 5C
C-ID BIOL 110B

BIOL 023
HUMAN PHYSIOLOGY

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

In this course, students study the physiological principles, function, integration, and homeostasis of the human body at the cellular, tissue, organ, organ system, and organism level: integumentary system, bone,skeletal, smooth and cardiac muscles, nervous system, sensory organs, cardiovascular system, lymphatic and immune systems, respiratory system, urinary system, digestive system, endocrine system, and reproductive system. This course is primarily intended for Nursing, Allied Health, Kinesiology, and other health-related majors. It may be used to satisfy a General Education Life Science requirement. Premedical, pre-dental and pre-veterinary students are advised to take BIOL 005 and BIOL 006 rather than BIOL 022 and BIOL 023. Formerly known as BI 023.

Prerequisite: BIOL 022 with a grade of "C" or better
Advisory: CH 003
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5B, 5C
C-ID BIOL 120B

BIOL 048A
DIRECTED RESEARCH SEMINAR
1 Unit
Total Lab Hours: 54

The course provides students an opportunity to extend their knowledge and understanding of selected topics in biology within the general scope of departmental offerings that are not contained in scheduled courses. The course may be taken for 1 unit, with a maximum of one (1) seminar unit may be accepted for the A.A. or A.S. degree. Course content will be determined by discipline faculty in consultation with the Chief Instructional Officer, and in relation to community/student needs and available staff. At the discretion of the instructor, this course may include lectures, directed study, small group discussions, conferences, special laboratory projects, or field research projects. Formerly known as BI 048A.
Prerequisite: Sufficient background in Biology as evaluated by instructor.
CSU, Program Applicable

BUSINESS — ADMINISTRATIVE (BUAA)

BUAA 001
ADMINISTRATIVE PROFESSIONAL
3 Units
Total Lecture Hours: 45
Total Lab Hours: 27

This course is designed to provide the student with entry-level office employment skills including knowledge of the ever-changing workplace, work place ethics, stress, anger and time management, information processing, telecommunications, written communication, records management. Students gain experience in the preparation and delivery of oral presentations individually and as part of a group, participating as part of a successful workplace team, customer service skills, workplace mail and copiers, making travel arrangements, effective participation in meetings and conferences, job search skills, and working as a teleworker/virtual assistant.
Program Applicable

BUSINESS — ACCOUNTING (BUAC)

BUAC 010
COMPUTER ACCOUNTING FOR SMALL BUSINESSES
3 Units
Total Lecture Hours: 45
Total Lab Hours: 27

This course provides students the opportunity to apply foundational accounting knowledge to the use of real-world accounting software. Students learn to record, process, and report major bookkeeping and accounting transactions dealing with cash, banking, sales, receivables, purchases, payables, payroll, and inventory valuation for a small business. Computerized accounting software is used for tax preparation, budgeting, reporting, and planning. Successful students complete the course prepared for actual situations utilizing accounting software in small businesses.
Advisory: BUAC 066 or ACCT 001
CSU, Program Applicable

BUAC 066
BOOKKEEPING
3 Units
Total Lecture Hours: 54

This course covers the essential elements of double-entry bookkeeping practice. Topics include the basic accounting equation, uses of journals and ledgers, preparation of financial statements, adjusting and closing entries, bank account reconciliation, payroll, and inventory. Students practice skills necessary to understand and perform bookkeeping transactions in an employment setting.
CSU, Program Applicable

BUSINESS — MANAGEMENT (BUMA)

BUMA 001
PRINCIPLES OF MANAGEMENT
3 Units
Total Lecture Hours: 54

This course examines the history of organizational design, managerial processes, and motivational theories in the context of current management problems. It includes a study of the role of managers in technologically and culturally diverse environments, including the functions of planning, organizing, leading, and controlling. The student is provided an opportunity to gain contemporary knowledge in management design and to improve managerial insights, skills, and abilities.
CSU, UC, Program Applicable

BUMA 010
INTRODUCTION TO BUSINESS
3 Units
Total Lecture Hours: 54

This survey course studies the form, structure, objectives, environment, and ethics of contemporary American business. Students learn about management, human resources, marketing, operations, and the financial activities of tangible and intangible business organizations. This course is recommended for students who wish to explore a career in business.
CSU, UC, Program Applicable
C-ID BUS 110

BUMA 012
PERSONAL FINANCE
3 Units
Total Lecture Hours: 54

This course provides the tools to achieve personal financial goals. Students learn to make informed decisions related to spending, saving, borrowing, and investing by applying quantitative reasoning concepts to solve problems. Topics covered include personal financial planning, money management, tax strategy, consumer credit, purchasing decisions, insurance, retirement, estate planning, and investing in stocks, bonds, and mutual funds.
CSU, Program Applicable
CMC GE: 2, Cal-GETC: None

BUMA 020A
BUSINESS LAW
3 Units
Total Lecture Hours: 54

This course is a study of the fundamental legal principles pertaining to business transactions. Students are introduced to the legal process. Topics include sources of law and ethics, contract, torts, agency, criminal law, business organizations, and judicial and administrative processes.
Advisory: To be successful in this course, students must be able to a. Read and comprehend text and respond at the literate level, b. Compose simple, organized, and original responses to written material.
CSU, UC, Program Applicable
C-ID BUS 125

BUMA 027
MARKETING
3 Units
Total Lecture Hours: 54

This course is an introduction to the field of marketing. The ideas and concepts presented will focus on increasing student understanding of marketing and the business activities required to serve a selected target market. Students study product planning, pricing, distribution, and promotion. Emphasis will be placed on the importance of market research and raising awareness and assimilating these ideas and concepts into serving present and potential customers within the current legal, ethical, competitive, and socioeconomic environment.
CSU, Program Applicable

BUSINESS WORK EXPERIENCE (BUWE)

BUWE 080
WORK EXPERIENCE - BUSINESS

1 Unit
Total Lab Hours - 75 hrs for paid or 60 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees in an area included in the Business discipline. Students gain career awareness in this course. Some vocational programs require internship credits and in this course, credit may be accrued at the rate of one to eight units per semester for a maximum of sixteen units.
Program Applicable

BUWE 081
WORK EXPERIENCE - BUSINESS

2 Units
Total Lab Hours - 150 hrs for paid or 120 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees in an area included in the Business discipline. Students gain career awareness in this course. Some vocational programs require internship credits and in this course, credit may be accrued at the rate of one to eight units per semester for a maximum of sixteen units.
Program Applicable

BUWE 082
WORK EXPERIENCE - BUSINESS

3 Units
Total Lab Hours - 225 hrs for paid or 180 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees in an area included in the Business discipline. Students gain career awareness in this course. Some vocational programs require internship credits and in this course, credit may be accrued at the rate of one to eight units per semester for a maximum of sixteen units.
Program Applicable

BUWE 083
WORK EXPERIENCE - BUSINESS

4 Units
Total Lab Hours - 300 hrs for paid or 240 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees in an area included in the Business discipline. Students gain career awareness in this course. Some vocational programs require internship credits and in this course, credit may be accrued at the rate of one to eight units per semester for a maximum of sixteen units.
Program Applicable

BUWE 084
WORK EXPERIENCE - RETAIL KIOSK OPERATIONS

1 Unit
Total Lab Hours : 60

This course covers the formation, management, operations, and closing of a merchandise retail kiosk. Students learn entrepreneurship, management, human resources, marketing, inventory control, budgeting, bookkeeping, accounting, banking, cash management, operations, and the reporting of the financial results of the business. This course is recommended for students who wish to explore a career in business management, retail operations, entrepreneurship, bookkeeping, financial accounting, managerial accounting, marketing, human resources, and customer service. This course will provide students with career awareness for various positions.
Program Applicable

CHEMISTRY (CH)

CH 001A
GENERAL CHEMISTRY

5 Units
Total Lecture Hours: 54
Total Lab Hours: 108

This is the first portion of a two-semester sequence covering the basic principles and concepts of chemistry with emphasis on chemical calculations. Inorganic chemistry is stressed and the material includes a discussion of atomic structure, chemical bonding, stoichiometry, reaction types, states of matter, and the properties of solutions. The laboratory part of the course complements the lectures.

Note: This course is designed for pre-professional, science, physics, and engineering major transfer students.
Prerequisite: CH 003 with a grade of "C" or better.
Advisory: MATH 010
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID CHEM 110
C-ID CHEM 120S = CH 001A + CH 001B

CH 001B
GENERAL CHEMISTRY

5 Units
Total Lecture Hours: 54
Total Lab Hours: 108

This is the second course of a two-semester sequence covering the basic principles and concepts of chemistry with emphasis on chemical calculation. Inorganic chemistry is stressed and the material includes a discussion of thermodynamics, reaction kinetics, equilibria, electro-chemistry and a detailed study of the chemistry of selected elements. There is a brief introduction to organic, biological and nuclear chemistry. The laboratory part of the course complements the lectures and includes ion properties and qualitative analysis.
Prerequisite: CH 001A with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID CHEM 120S = CH 001A + CH 001B

CH 003
INTRODUCTORY GENERAL CHEMISTRY

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course covers the fundamental principles of inorganic chemistry. Topics include measurements; SI units; scientific notation; significant figures; unit conversions; chemical reaction classes; equation balancing, stoichiometry and stoichiometric calculations; modern atomic theory; atomic structure; bonding; the International Union of Pure and Applied Chemistry (IUPAC) nomenclature system; chemical thermodynamics; chemical equilibrium; buffers; gases and gas laws; liquids; solids; and solutions.
Advisory: MATH 010
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID CHEM 101

CH 005
BIO-ORGANIC CHEMISTRY

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course is a survey of organic chemistry and biochemistry with an emphasis on the connections between the two. Students examine the major functional groups of organic compounds, including alkanes, alkenes, alkynes, alcohols, aldehydes, carboxylic acids, amines, amides, and esters, their nomenclature, structure, and reactions. The biochemistry portion includes biologically active macromolecules such as proteins, starches, lipids, and nucleotides and their components, focusing on reactivity and structure. Metabolic pathways and energy conservation in biological processes are a substantial part of this course and connect CH 005 to the principles discussed in CH 003. The course is primarily intended for health sciences students, who are required to take one semester of organic chemistry/biochemistry.
Prerequisite: CH 003 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: None, Cal-GETC: None
C-ID CHEM 102

CH 010A
ORGANIC CHEMISTRY

5 Units
Total Lecture Hours: 54
Total Lab Hours: 108

This course is the first in a two-semester sequence covering the basic principles and concepts of organic chemistry. An in-depth study is made of the bonding of carbon, stereochemistry and isomerism, and the reactivity of alkanes, alkenes, and alkynes. Addition, substitution, and radical reactions are discussed. Alcohols, ethers, haloalkanes, and conjugated unsaturated systems are analyzed. The course is designed for chemistry, biology, physics, and pre-professional majors.
Prerequisite: CH 001B with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: None, Cal-GETC: 5A, 5C
C-ID CHEM 150
C-ID CHEM 160S = CH 010A + CH 010B

CH 010B
ORGANIC CHEMISTRY

5 Units
Total Lecture Hours: 54
Total Lab Hours: 108

This course is the second in a two-semester sequence covering the basic principles and concepts of organic chemistry, including spectroscopy. An introduction is made to bio-molecules. The course is designed for chemistry, biology, physics, and pre-professional majors.
Prerequisite: CH 010A with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: None, Cal-GETC: 5A, 5C
C-ID CHEM 160S = CH 010A + CH 010B

CHILD DEVELOPMENT (CD)

CD 012
CHILD, FAMILY, AND COMMUNITY

3 Units
Total Lecture Hours: 54

This course covers the processes of socialization focusing on the interrelationship of family, school, and community; examines the influence of multiple societal contexts; and explores the role of collaboration between family, community, and schools in supporting children's development, birth through adolescence. This course is required by the California State Department of Social Services for teachers and directors of preschool programs, all Child Development majors, and licensing in private and publicly-funded centers. To comply with outside classroom regulations per SB 792, students are required to show proof of immunizations for MMR and Tdap and a recent negative TB test result. Formerly known as ECE 012.
CSU, Program Applicable
CMC GE: 4, Cal-GETC: None
C-ID CDEV 110

CD 014
PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course examines the historical contexts and theoretical perspectives of developmentally appropriate practice in early care and education for children birth through age eight. The course also explores the typical roles and expectations of early childhood educators, identifies professional ethics, career pathways, and professional standards. The course introduces best practices for developmentally appropriate learning environments, curriculum, and effective pedagogy for young children, including how play contributes to children's learning, growth, and development. To comply with outside classroom regulations per SB 792, students are required to show proof of immunizations for MMR and Tdap and a recent negative TB test result. Proof of COVID vaccine may be required. Formerly known as ECE 014.
Advisory: CD 010/CDEV C1000
CSU, Program Applicable
C-ID ECE 120

CD 015
CHILD DEVELOPMENT PRACTICUM

3 Units
Total Lecture Hours: 18
Total Lab Hours: 108

In this course, students will practice and demonstrate developmentally-appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design,implement, and evaluate approaches, strategies, and techniques that promote development and learning. The course includes exploration of career pathways, professional development, and teacher responsibilities. This course includes 108 clock hours of supervised classroom experience. To comply with outside classroom regulations per SB792, students are required to show proof of immunizations for MMR and Tdap and a recent negative TB test result. Formerly known as ECE-015.
Prerequisite: CD 010/CDEV C1000, CD 014, CD 030, CD 075 with a grade of "C" or better
CSU, Program Applicable
C-ID ECE 210

CD 019
LANGUAGE ARTS AND LITERACY FOR YOUNG CHILDREN

3 Units
Total Lecture Hours: 54

This course gives teachers of young children the skills and knowledge needed to effectively plan, document, and implement language and literacy activities in the early childhood classroom. It focuses on understanding how our image of the child reflects the methods and materials provided for language and literacy. Topics include the developmental stages of children's language and communication skills, the teacher's role in language and literacy, and ways in which language and literacy can be integrated across the early childhood curriculum. Formerly ECE 019.
CSU, Program Applicable

CD 030
INTRODUCTION TO CURRICULUM PLANNING IN EARLY CHILDHOOD EDUCATION

3 Units
Total Lecture Hours: 54

This course presents an overview of knowledge and skills related to providing developmentally-appropriate curriculum and environments for young children from birth to age eight. Students will use knowledge of children's development, theories of learning and development, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas to support children's development and learning integrated throughout indoor and outdoor settings. To comply with outside classroom regulations per SB 792, students are required to show proof of immunizations for MMR and Tdap and a recent negative TB test result. Formerly known as ECE-030.
Advisory: CD 010/CDEV C1000, CD 014
CSU, Program Applicable
C-ID ECE 130

CD 044
HEALTH, SAFETY, AND NUTRITION IN EARLY CHILDHOOD EDUCATION

3 Units
Total Lecture Hours: 54

This course examines the laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children, birth through middle childhood. The course explores the teacher's role in prevention strategies, nutrition and meal planning, integrating health, safety, and nutrition experiences into daily routines, and overall risk management. To comply with outside classroom regulations per SB 792, students are required to show proof of immunizations for MMR and Tdap, and a recent negative TB test result. To comply with State licensing requirements (AB 2370), this course includes content from the Childhood Lead Poisoning Prevention Branch: California Childcare Health Program. The content and student's engagement with the content throughout the course satisfies the required 16 hours of Preventative Health and Safety Lead Prevention Training for ECE students and those seeking to get their Child Care License. Formerly known as ECE-044.
Advisory: CD 010/CDEV C1000
CSU, Program Applicable
CMC GE: None, Cal-GETC: None
C-ID ECE 220

CD 074
TEACHING IN A DIVERSE SOCIETY

3 Units
Total Lecture Hours: 54

This course examines the historical and current perspectives on diversity and inclusion and the impact of systemic societal influences on children's development, learning and school experiences. Strategies for developmentally-, culturally-,and linguistically-appropriate anti-bias curriculum will be explored, as well as approaches to promote inclusive and anti-racist classroom communities. The course also includes self-reflection on the influence of teachers' own culture and life experiences on teaching and interactions with children and families. To comply with outside classroom regulations per SB 792, students are required to show proof of immunizations for MMR and Tdap and a recent negative TB test result and any additional State-mandated immunization requirements.
CSU, Program Applicable
CMC GE: 4, Cal-GETC: None
C-ID ECE 230

CD 075
OBSERVATION AND ASSESSMENT OF YOUNG CHILDREN

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course introduces the appropriate use of assessment and observation tools and strategies to document young children's development and learning. The use of findings to inform and plan learning environments and experiences are emphasized. Recording strategies, rating systems, portfolios, and multiple assessment tools will be discussed, along with strategies for collaboration with families and professionals. To comply with outside classroom regulations per SB 792, students are required to show proof of immunization for MMR and Tdap and an up-to-date negative TB test result and any additional state-mandated immunization requirements.
Prerequisite: CD 010/CDEV C1000 and CD 044 with a grade of "C" or better
CSU, Program Applicable
C-ID ECE 200

CHILD DEVELOPMENT (CDEV)

CDEV C1000
CHILD GROWTH AND DEVELOPMENT

4 Units
Total Lecture Hours: 72

Students examine the progression of development in the physical, cognitive, social, and emotional domains and identify developmental milestones for children from conception through adolescence. Emphasis is on interactions between biological processes, environmental, and cultural factors. Students may engage in various methods of observing children's development to evaluate individual differences and analyze development characteristics at various stages according to developmental theories. Formerly known as CD 010; ECE-010A + ECE-010B.
Advisory: Eligibility for college-level English as determined by the college's multiple measures assessment process.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID CDEV 100

CDEV 042
INFANT AND TODDLER GROWTH & DEVELOPMENT
3 Units
Total Lecture Hours: 54

This course is a study of infants and toddlers from conception to 36 months, including the theoretical frameworks of development, and the impact of pregnancy, birth, and early life experiences on a child emotionally, socially, cognitively, and physically. The role of family, culture, caring and responsive adults, and attachment relationships on growth and development are emphasized.
CSU, Program Applicable

CHILD DEVELOPMENT — PARENTING (CD-PAR)

CD PAR100
PARENTING ESSENTIALS: PARENTING INFANTS & TODDLERS (AGES BIRTH-3 YEARS)
0 Units
Total Lecture Hours: 18

This course explores parent/caregiver-child interaction patterns (serve and return) for parents of infants and toddlers ages birth-3 years. Parents/caregivers examine age-appropriate behaviors, developmental theories, along with observation and communication strategies. Parents/caregivers also explore family structures, cultural backgrounds, and parenting children with differing abilities. Many topics are studied, including discipline, safety, communication, nutrition and eating behaviors, the parental role in the learning process, and socialization. Upon successful completion of the course, students demonstrate the ability to implement developmentally-appropriate and effective interactions with infants and toddlers that positively guide behavior and relieve stress in parents/caregivers of infants and toddlers.

CD PAR101
PARENTING ESSENTIALS: PARENTING PRESCHOOL CHILDREN (AGES 3-5 YEARS)
0 Units
Total Lecture Hours: 18

This course explores parent/caregiver-child interaction patterns for parents of young children ages 3-5. Parents/caregivers examine age-appropriate behaviors, developmental theories, along with observation and communication strategies. Parents/caregivers also explore family structures, cultural backgrounds, and parenting children with differing abilities. Many topics are studied, including discipline, safety, communication, nutrition and eating behaviors, the parental role in the learning process, and socialization. Upon successful completion of the course, students demonstrate the ability to implement developmentally-appropriate and effective interactions with preschool-aged children that positively guide behavior and relieve stress in parents/caregivers of young children ages 3-5.

CD PAR102
PARENTING ESSENTIALS: PARENTING SCHOOL-AGE CHILDREN (AGES 6-11 YEARS)
0 Units
Total Lecture Hours: 18

This course explores parent/caregiver-child interaction patterns for parents of elementary school-aged children ages 6-11. Parents/caregivers examine age-appropriate behaviors, developmental theories, along with observation and communication strategies. Parents/caregivers also explore family structures, cultural backgrounds, and parenting children with differing abilities. Many topics are studied, including discipline, safety,communication, nutrition and eating behaviors, the parental role in the learning process, and socialization. Upon successful completion of the course, students demonstrate the ability to implement developmentally-appropriate and effective interactions with school-aged children that positively guide behavior and relieve stress in parents/caregivers of young children ages 6-11.

CD PAR103
PLAY-BASED PARENTING: CREATIVE ART & MUSIC (AGES 1.5-2.5 YEARS)
0 Units
Total Lab Hours: 18

Adult students/parents/caregivers and their young children (ages 1.5 - 2.5 years) enjoy developmentally appropriate activities that build confidence and teach socialization, self-regulation, following directions, and social-emotional wellness through songs, music, and other fun creative experiences. Instructor shares lecture/discussion topics with parenting tips during an in-class snack time.

CD PAR104
PLAY-BASED PARENTING: CREATIVE ART & MUSIC (AGES 2.5-5 YEARS)
0 Units
Total Lecture Hours: 18

Adult students/parents/caregivers and their young children (ages 2.5 - 5 years) enjoy developmentally appropriate activities that build confidence and teach socialization, self-regulation, following directions, and social-emotional wellness through songs, music, and other fun creative experiences. Instructor shares lecture/discussion topics with parenting tips during an in-class snack time.

CD PAR105
PLAY-BASED PARENTING: DEVELOPMENTAL MOVEMENT (AGES 12-24 MONTHS)
0 Units
Total Lab Hours: 18

Adults and infants/toddlers (ages 12-24 months) are introduced to developmentally-appropriate movement activities to strengthen and coordinate large muscle development milestones for this age group. Adults and their children are introduced to music, yoga, and proprioception activities that will create enjoyment and foster positive parent-child bonds.

CD PAR106
PLAY-BASED PARENTING: DEVELOPMENTAL MOVEMENT (AGES 2-3 YEARS)
0 Units
Total Lab Hours: 18

Adults and young children (ages 2-3 years) are introduced to developmentally-appropriate movement activities to strengthen and coordinate large muscle development milestones for this age group. Adults and their children are introduced to music, yoga, and proprioception activities that will create enjoyment and foster positive parent-child bonds.

COMMUNICATION (COMM)

COMM C1000
INTRODUCTION TO PUBLIC SPEAKING

3 Units
Total Lecture Hours: 54

In this course, students learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society. Students discover, develop, and critically analyze ideas in public discourse through research, reasoning, organization, composition, delivery to a live audience and evaluation of various types of speeches, including informative and persuasive speeches. This course involves practice in oral and written communication skills, incorporating research. Formerly known as SP 004.
CSU, UC, Program Applicable
CMC GE: 1B, Cal-GETC: 1C
C-ID COMM 110

COMM C1004
INTERPERSONAL COMMUNICATION

3 Units
Total Lecture Hours: 54

This course covers theory, research, and application of ethical one-to-one communication practices in various and diverse interpersonal relationships including in personal, professional, and social Interpersonal Communication focuses on and examines how socially-constructed dynamics shape how people interact and behave. This focus is primarily on verbal and nonverbal communication between individuals within pairs and small groups. Problems and issues within Interpersonal Communication contexts are examined in depth as contemporary, historical, and geographical settings are reviewed. This class expands the understanding and appreciation of the contributions and perspectives of diverse individuals and groups, including but not limited to diverse genders, sexualities, races, ethnicities,classes, countries, cultures, and societies. Through this lens, students develop an understanding of the perspectives and research methods of the social and behavioral sciences in ways that would be useful and transferable to many walks of life. Formerly known as SP 001.
CSU, UC, Program Applicable
CMC GE: 1B, Cal-GETC: None
C-ID COMM 130

COMM 002
ORAL INTERPRETATION OF LITERATURE

3 Units
Total Lecture Hours: 54

This course encourages student growth in the comprehension, analysis, and evaluation of all major forms of literature, prose, poetry, and drama. Students are introduced to performance studies: analysis, appreciation, and application of theories of interpretive performance of various forms of literature, including poetry, prose, and drama (plays, scripts, and screenplays). Emphasis is placed on the study of literary genres, styles of composition, techniques of characterization, approaches to literary criticism, performance skills, and editing techniques. The course provides students an opportunity to synthesize classroom material through performance and presentation, and involves oral and written communication as well as research. Formerly known as SP 002.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: None
C-ID COMM 170

COMM 007
DECISION-MAKING AND ADVOCACY

3 Units
Total Lecture Hours: 54

This course provides students with a greater understanding of argumentation skills, persuasive techniques, and the decision-making process. Additional content includes methods of critical inquiry and advocacy, the effective use of evidence, reasoning, and an introduction to the history of rhetoric. Students analyze media, films, both contemporary and historical speeches, and speech scripts. Additional focus is placed on identifying fallacies in reasoning, effective use of language and evidence, appropriate application of evidence and citation of sources, advancing a reasoned position, and defending and refuting arguments. Students incorporate critical thinking and research when applying their communication skills. Students write a minimum of 5,000 words. Formerly known as SP 007.
Prerequisite: ENGL C1000 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 1B, Cal-GETC: 1B
C-ID COMM 120

COMM 015
INTERCULTURAL COMMUNICATION

3 Units
Total Lecture Hours: 54

This course introduces students to Intercultural Communication in domestic and global contexts, including the influence of cultures, group affiliations, languages, and social patterns on how members of groups relate among themselves and with members of different ethnic and cultural groups. Focus is placed on the theory and knowledge of effective communication within and between cultures. Students learn to appreciate and compare communication between diverse groups within the larger context of American culture. This course includes exercises in both oral and written communication, including researched writing. Students will be required to present speeches that are faculty supervised and faculty evaluated. Formerly known as SP 015.
CSU, UC, Program Applicable
CMC GE: 1B, Cal-GETC: None
C-ID COMM 150

COMPUTER-AIDED DESIGN AND DRAFTING (CADD)

CADD 001
INTRODUCTION TO COMPUTER-AIDED DESIGN AND DRAFTING FUNDAMENTALS

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

In this entry-level course, students learn AutoCAD Drafting Software used in all areas of drafting. Computer Aided Design and Drafting skills can be utilized by architects, engineers, landscapers, fabricators, 3-D printing and Geographic Information Systems.
Advisory: CIS 070A with a grade of "C" or better
Program Applicable

CADD 002
INTERMEDIATE COMPUTER-AIDED DESIGN AND DRAFTING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

In this entry-level course, students learn AutoCAD Drafting Soft In this intermediate-level course, students expand their knowledge of AutoCAD Drafting Software used in all areas of drafting. Computer Aided Design and Drafting skills can be utilized by architects, engineers, landscapers, fabricators, 3-D printing and Geographic Information Systems.
Prerequisite: CADD 001 with a grade of "C" or better.
Program Applicable

CADD 003
ADVANCED COMPUTER-AIDED DESIGN AND DRAFTING, RENDERING & ANIMATION

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

In this advanced-level course, students learn AutoCAD Drafting Software used in all areas of drafting, with an emphasis on rendering and animation. Computer-Aided Design and Drafting skills can be utilized by architects, engineers, landscapers, fabricators, 3-D printing and Geographic Information Systems.
Prerequisite: CADD 002 with a grade of "C" or better.
Program Applicable

CADD 004
3-DIMENSIONAL COMPUTER-AIDED DESIGN AND DRAFTING & 3-DIMENSIONAL PRINTING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This advanced-level course of study is intended to teach students AutoCAD Drafting Software, with special attention to advanced 3-Dimensional drafting and 3-Dimensional printing used in all areas of drafting. Computer-Aided Design and Drafting skills can be utilized by architects, engineers, landscapers, fabricators, 3-D printing and Geographic Information Systems.
Prerequisite: CADD 003 with a grade of "C" or better.
Program Applicable

COMPUTER INFORMATION SYSTEMS (CIS)

CIS 030
PLANNING AND CREATING AN E-BUSINESS

3 Units
Total Lecture Hours: 54

This course provides students who have no previous E-business knowledge or experience with practical ideas on planning and creating an E-business. Students will learn the key business elements of planning and starting an E-business from the ground up using numerous real-world E-business examples. This practical, entrepreneurial guide to initiating online businesses begins with idea generation and progresses through business plans and the various steps of creating and maintaining an E-business site.
Advisory: CIS 070A
Program Applicable

CIS 062
BEGINNING DREAMWEAVER

1.5 Units
Total Lecture Hours: 24.3
Total Lab Hours: 8.1

This is a hands-on course that focuses on Dreamweaver, which is a high-end web authoring tool used to create professional websites. Students are introduced to beginning skills such as tools, palettes, and commands. Topics include new site creation, editing and maintenance of an existing site, image, text and PDF insertion, using tables and layers, HTML, site structure, and site uploading to an Internet Service Provider (ISP).
Advisory: CIS 070A
Program Applicable

CIS 063
INTERMEDIATE DREAMWEAVER

1.5 Units
Total Lecture Hours: 24.3
Total Lab Hours: 8.1

This is an intermediate hands-on course that focuses on using Dreamweaver to create professional, multiple-page websites. Students acquire the intermediate skills of the Dreamweaver program, such as tracing, cascading style sheets, templates, libraries, frames, forms, and behaviors.
Prerequisite: CIS 062 with a grade of "C" or better
Program Applicable

CIS 070A
COMPUTER BUSINESS APPLICATIONS FOR WINDOWS

3 Units
Total Lecture Hours: 45
Total Lab Hours: 27

This course provides an overview of microcomputer applications including a brief introduction to computer concepts, Microsoft Windows, Microsoft Office, and Internet Explorer. Students develop basic skills in four applications; Microsoft Word, Microsoft Excel, Microsoft Access, and Microsoft PowerPoint. Includes discussions on the ethical use of software and research techniques.
CSU, Program Applicable

CIS 072D
EXCEL I

3 Units
Total Lecture Hours: 45
Total Lab Hours: 27

This course provides intermediate-level concepts and practical application using Excel for Windows. Students receive instruction and computer experience using electronic spreadsheets to solve common numerical and accounting-based problems. Topics include spreadsheet concepts, terms and definitions, common formatting and editing commands, embedded charts, formulas, functions, what-if analysis, and charting tools used when working with large worksheets, financial functions, data tables, amortization schedules, sorting, and querying tables.
Prerequisite: CIS 070A with a grade of "C" or better
Program Applicable

CIS 073C
ACCESS DATABASE MANAGEMENT

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course provides beginning and intermediate concepts and practical applications in database management using Windows. Students receive instruction and experience needed to design, create, customize, organize, extract, and store information using Access. Course topics include: queries, lists, and displays; data selection; sorting and indexing; creating and using input screens; formatting reports and labels.
Prerequisite: CIS 070A with a grade of "C" or better
Program Applicable

CIS 074
EXCEL II

3 Units
Total Lecture Hours: 45
Total Lab Hours: 27

This is an advanced Excel for Windows course. Students create comprehensive business and technical spreadsheet systems using advanced Excel techniques. Topics covered include working with multiple worksheets and workbooks, creating templates, importing data, SmartArt, images, screen shots, trendlines, PivotTable reports, PivotChart reports, slicers, formula auditing, data validation, complex problem solving, macros, Visual Basic for Applications (VBA) with Excel, and collaboration features for workbooks.
Prerequisite: CIS 072D with a grade of "C" or better
Program Applicable

CIS 076B
WORD I

3 Units
Total Lecture Hours: 45
Total Lab Hours: 27

This course progresses to intermediate word processing concepts and procedures in Word for Windows. Acquired knowledge and skills include creating an appropriate academic-level research paper with citations and references as well as a professional-level finished document. Students further their skills in integrating graphics and templates in addition to creating a web page from a Word document.
Prerequisite: CIS 070A with a grade of "C" or better
Program Applicable

CIS 078B
WORD II

3 Units
Total Lecture Hours: 45
Total Lab Hours: 27

This course provides advanced word processing skills using Word for Windows. Knowledge and skills to be acquired include: generating form letters, mailing labels, and a directory for a cover letter; creating a newsletter with a pull-quote and graphics; and using document collaboration and integration tools. Students will create a master document with a table of contents, an index, and a template for an online form. This includes working with macros, document security, and XML.
Prerequisite: CIS 076B with a grade of "C" or better
Program Applicable

CIS 082C
WEB PUBLISHING

3 Units
Total Lecture Hours: 48.6
Total Lab Hours: 16.2

This course teaches students to format Web pages using Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) emphasizing the development of effective web pages. Students learn to incorporate text, color, and graphics into their Web pages. Students will examine current Web design theories and view a variety of Web sites, learning to focus on accessibility and requirements for user's needs.
Advisory: ART 003A or ART 040
Program Applicable

CIS 082H
WEB-BASED ANIMATION WITH ANIMATE

3 Units
Total Lecture Hours: 45
Total Lab Hours: 27

This course is an introduction to the use and implementation of Web-based animation tools utilizing Adobe Animate. Students examine the concepts that make a quality interactive animation, complete a thorough exploration of the tools, create basic vector-based animations, utilize basic ActionScripting, and produce animations.
Advisory: CIS 062
Program Applicable

CIS 086
WEB PAGE CONTENT DEVELOPMENT

2 Units
Total Lecture Hours: 18
Total Lab Hours: 54

This is a practical hands-on course in which students learn how to create simple web pages for clients. Students examine steps involved in planning and producing web pages, modifying web templates, storyboard and timeline creation, content development, communication strategies, client relations, production techniques, and web site maintenance. Web authoring and maintenance tools will be explored. Students develop or modify web sites for customers provided by their instructor.
Prerequisite: CIS 063 with a grade of "C" or better
Program Applicable

COMPUTER SCIENCE (CS)

CS 001
MICROCOMPUTER SPECIALIST/A+ TRAINING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course, an overview of personal computers, prepares students for the CompTIA A+ Certification exam. Whether students intend to take the certification exam or explore the area of personal computers, this course provides knowledge of networking that will help you decide what part of the industry you would like to pursue. This course is a prerequisite to more advanced certifications. Topic areas include PC components, basic networking, operating systems installation, configuration, and troubleshooting, virtualization, and operational procedures.
Advisory: CS 073
Program Applicable

CS 003
COMPUTER NETWORK SPECIALIST/ CompTIA NET+ TRAINING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course examines the fundamentals of computer networking. It provides complete coverage of all the CompTIA Network exam objectives, exam tips, scenarios, practice exam questions, and in-depth explanations. CompTIA Network Certification is an industry standard and can increase employment opportunities. Topics include network architectures, network installation, routing, advanced networking devices, remote connectivity, network operations, and network security.
Program Applicable

CS 004
COMPUTER SECURITY SPECIALIST/ SECURITY TRAINING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course examines the fundamentals of computer security. It provides complete coverage of all the CompTIA Security exam objectives, exam tips, scenarios, practice exam questions, and in-depth explanations. CompTIA Security Certification is an industry standard and can increase employment opportunities. Topics include network security, compliance and operational security, threats and vulnerabilities, application, data and host security, access control and identity management and cryptography.
Advisory: CS 073
Program Applicable

CS 005
CERTIFIED ETHICAL HACKER

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course examines the fundamentals of computer ethical hacking. Students prepare for the preferred industry standard exam and master an ethical hacking methodology that can be used in a penetration testing or ethical hacking situation. Students will be immersed in the hacker mindset to address and defend against future attacks.
Advisory: CS 073, CS 001, CS 003 and CS 004
Program Applicable

CS 073
INTRODUCTION TO COMPUTER SCIENCE

3 Units
Total Lecture Hours: 54

This is an introductory course in computer concepts and terminology and their role in businesses. Students learn basic through advanced computer concepts with an emphasis on both the personal computer and enterprise computing. Topics include hardware, applications, and system software; the Internet and World Wide Web; communications; e-commerce; societal issues; database management; systems analysis and design; programming; information systems; career opportunities and networking; certifications in the computer field; ethics and security; protection of intellectual property rights; and computer trends. Microsoft Office applications are explored through hands-on projects to assist students in developing computer-based solutions to business problems.
CSU, UC, Program Applicable
C-ID BUS 140

CS 080
SYSTEMS ANALYSIS AND DESIGN

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course provides an overview of the systems development process. Students participate in a semester-long project in which they take a systems design problem from formulation to implementation. Topics include: introduction to systems analysis and design, analyzing the business case, managing systems projects, requirements modeling, data and process modeling, object modeling development strategies, user interface design, data design, system architecture, managing systems implementation, managing systems support, and security.
Prerequisite: CS 073, CS 086 with a grade of "C" or better
CSU, Program Applicable

CS 086
VISUAL BASIC PROGRAMMING I

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an introductory class in computer programming concepts. Students design, write, and debug programs using principles of structured programming to create event-driven programs using the Visual Basic .Net Framework. Course topics include: Program Graphical User Interface Design, Program Design and Coding, Variables and Arithmetic Operations, Decision Structures, and Loop Structures. Students will also learn programming language structure and syntax, algorithm development, logic and design considerations and program development tools, error handling and debugging, conditional and relational operators, and an introduction to object-oriented programming.
Advisory: CIS 070A
CSU, UC, Program Applicable
C-ID: COMP 112

CS 086A
VISUAL BASIC PROGRAMMING II

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an advanced course in Visual Basic programming. Students design, write, and debug programs using principles of structured programming to create event-driven programs using the Visual Basic .NET Framework. Topics include: the use of logic and design tools, creating web applications, using procedures and exception handling, using arrays and file handling, incorporating databases with ADO.NET, multiple classes and inheritance, web services, and reports.
Prerequisite: CS 086 with a grade of "C" or better
CSU, UC, Program Applicable

CS 087
ASSEMBLER LANGUAGE PROGRAMMING

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course familiarizes students with the organization and behavior of real computer systems at the assembly-language level. The mapping of statements and constructs in a high-level language onto sequences of machine instructions is studied, as well as the internal representation of simple data types and structures. Numerical computation is examined, noting the various data representation errors and potential procedural errors.
Prerequisite: CS 086 or CS 089, and CS 073 with a grade of "C" or better
CSU, UC, Program Applicable
C-ID COMP 142

CS 089
C++ PROGRAMMING I

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is an introductory course in C++ programming. Students will gain practical hands-on problem solving by designing, writing, and debugging C++ programs using structured programming concepts. Topics include C++ structure and syntax, algorithm, development, fundamental data types, the parts of a C++ program,expressions and interactivity, making decisions, relational operators, loops and files, functions, arrays,searching and sorting arrays, pointers, characters, and C-strings.
Advisory: CS 073, CS 086 with a grade of "C" or better
CSU, UC, Program Applicable
C-ID COMP 122

CS 089A
C++ PROGRAMMING II

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This is an intermediate course in C++ programming. Topics include the application of software engineering techniques to the design and development of large programs, data abstraction and structures and associated algorithms. Students design, write, and debug C++ programs using structured programming concepts. Building upon skills learned in CS-089, students will develop more complex C++ structure and syntax as well as algorithm, development. Other topics will include structured data, advanced file operations, introduction to classes, inheritance, polymorphism, and virtual functions, exceptions, templates, and the standard template library, linked lists, stacks and queues, recursion, and binary trees.
Prerequisite: CS 089 with a grade of "C" or better
CSU, UC, Program Applicable
C-ID COMP 132

CONSTRUCTION (CNST)

CNST 010
BASIC CONSTRUCTION PRINCIPLES

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an overview of the organization and structure of the construction industry as well as basic training in the essential skills expected of an entry-level employee on a residential or commercial construction site. The course emphasizes job-site safety, environmental concerns, practical knowledge of tool and equipment use, basic construction math, communication, and employability skills. Hands-on demonstrations provide students with a broad view of the expectations of entry-level work, wages, benefits, and workplace culture.
CSU, Program Applicable

CNST 020
SITE PREPARATION AND LAYOUT

2 Units
Total Lecture Hours: 18
Total Lab Hours: 54

This course provides the understanding and skills necessary to complete the initial stages of building construction. General topics include project site clearance, reading and implementing information from the Precise Grading Plan, concept of cutting and filling, and site layout.
Prerequisite: CNST 010
CSU, Program Applicable

CNST 050
CONSTRUCTION FRAMING ESSENTIALS

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course provides instruction for framing systems and the practical framing techniques used to construct the floor, walls, and roof of a simple structure. Topics include the fundamentals of wood, lumber, fasteners, adhesives, layout, assembly, bracing, sheathing, and truss identification.
Prerequisite: CNST 010
CSU, Program Applicable

CNST 060
PLUMBING FUNDAMENTALS

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an introduction to the mechanics of plumbing including the design, installation, and maintenance of drain, waste, and vent systems in buildings in addition to significant code and health issues, violations, and consequences related to those systems. Methods of measuring, cutting, and joining different materials and schedules of plastic and copper piping are covered along with common types of fittings and valves used in residential plumbing. Installation of water heaters, gas supply lines, and finish fixtures are also demonstrated.
Prerequisite: CNST 010
CSU, Program Applicable

CNST 080
FINISH CARPENTRY

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course focuses on the variety of applications that occur within the interior of a building during the final stages nearing completion of a project. Topics such as safety, door and window installation, door hardware, trims and molding, tools for installation, and cabinet installation are covered.
Prerequisite: CNST 010
CSU, Program Applicable

CNST 110
NONCREDIT BASIC CONSTRUCTION PRINCIPLES

0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an overview of the organization and structure of the construction industry as well as basic training in the essential skills expected of an entry-level employee on a residential or commercial construction site. The course emphasizes job-site safety, environmental concerns, practical knowledge of tool and equipment use, basic construction math, communication, and employability skills. Hands-on demonstrations provide students with a broad view of the expectations of entry-level work, wages, benefits, and workplace culture.
Program Applicable

CNST 120
NONCREDIT SITE PREPARATION AND LAYOUT

0 Units
Total Lecture Hours: 18
Total Lab Hours: 54

This course provides the understanding and skills necessary to complete the initial stages of building construction. General topics include project site clearance, reading and implementing information from the Precise Grading Plan, concept of cutting and filling, and site layout.
Prerequisite: CNST 010 or CNST 110
Program Applicable

CNST 150
NONCREDIT CONSTRUCTION FRAMING ESSENTIALS

0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course provides instruction for framing systems and the practical framing techniques used to construct the floor, walls, and roof of a simple structure. Topics include the fundamentals of wood, lumber, fasteners, adhesives, layout, assembly, bracing, sheathing, and truss identification.
Prerequisite: CNST 010 or CNST 110
Program Applicable

CNST 160
NONCREDIT PLUMBING FUNDAMENTALS

0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an introduction to the mechanics of plumbing including the design, installation, and maintenance of drain, waste, and vent systems in buildings in addition to significant code and health issues, violations, and consequences related to those systems. Methods of measuring, cutting, and joining different materials and schedules of plastic and copper piping are covered along with common types of fittings and valves used in residential plumbing. Installation of water heaters, gas supply lines, and finish fixtures are also demonstrated.
Prerequisite: CNST 010 or CNST 110
Program Applicable

CNST 180
NONCREDIT FINISH CARPENTRY

0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course focuses on the variety of applications that occur within the interior of a building during the final stages nearing completion of a project. Topics such as safety, door and window installation, door hardware, trims and molding, tools for installation, and cabinet installation are covered.
Prerequisite: CNST 010 or CNST 110
Program Applicable

CRIMINAL JUSTICE (CJ)

CJ 001
INTRODUCTION TO CRIMINAL JUSTICE

3 Units
Total Lecture Hours: 54

This course introduces students to the characteristics of the United States criminal justice system. Focus is crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped those principles and approaches. Emphasis is placed on the U.S. justice system, particularly the structure and function of U.S. police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, as well as sentencing and incarceration policies. Formerly known as AJ 001.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: None
C-ID AJ 110

CJ 002
CRIMINAL LAW

3 Units
Total Lecture Hours: 54

Students study the historical development and philosophy of criminal law. In addition, constitutional provisions, definitions, and classification of crimes, and their application to the system of criminal justice are explained. The course includes legal research, study of case law methodology, and concepts of law as a normative social force. Formerly known as AJ 002.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: None
C-ID AJ 120

CJ 003
CRIMINAL EVIDENCE AND PROCEDURE

3 Units
Total Lecture Hours: 54

This course includes a study of the origin, development, philosophy, and constitutional basis for the rules of evidence. Students learn about United States constitutional and procedural considerations affecting search and seizure, types and degrees of evidence, rules governing admissibility at criminal trial, judicial decisions interpreting individual rights, and legal case studies. Formerly known as AJ 003.
CSU, Program Applicable
C-ID AJ 124

CJ 005A
COMMUNITY AND THE JUSTICE SYSTEM

3 Units
Total Lecture Hours: 54

This course examines the complex and dynamic relationship between communities and the United States justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics include crime prevention, restorative justice, conflict resolution, and ethics. Students learn to recognize differences in culture, ethnicity, and race as well as consider how prejudice and discrimination affect relationships between community and various justice components. Formerly known as AJ 005A.
CSU, UC, Program Applicable
C-ID AJ 160

CJ 006
PRINCIPLES OF CRIMINAL INVESTIGATIONS

3 Units
Total Lecture Hours: 54

This course incorporates the study of basic principles of all types of criminal investigation utilized in the United States justice system. Students study the specific knowledge necessary for handling crime scenes, interviews, evidence, surveillance, follow-up, technical resources, public relations, and case preparation. Formerly known as AJ 006.
CSU, Program Applicable
C-ID AJ 140

CJ 007
SUBSTANTIVE CALIFORNIA CRIMINAL LAW

3 Units
Total Lecture Hours: 54

This course offers an in-depth study of the substantive laws commonly utilized by the municipal, county, or state police officer, investigator, or other criminal justice employees. The scope of this course includes misdemeanor and felony violations of the criminal statutes, and provides an understanding of California Codified Law and an overview of legal case decisions. Formerly known as AJ 007.
CSU, Program Applicable

CJ 010
JUVENILE DELINQUENCY

3 Units
Total Lecture Hours: 54

This course explores major types of juvenile criminal behavior with emphasis on factors that contribute to criminality or delinquency. Students examine methods used in dealing with offenders in the juvenile justice system and the changing role of law enforcement, the judiciary, probation, parole, and juvenile institutions. The course includes changes in juvenile law, crime control, and juvenile treatment processes. Formerly known as AJ 010.
CSU, Program Applicable
CMC GE: 4, Cal-GETC: None
C-ID AJ 220

CJ 030
CORRECTIONAL SYSTEMS

3 Units
Total Lecture Hours: 54

This course focuses on historical and contemporary correctional theories and issues such as punishment, sentencing alternatives, prison experiences, prisoner rights, female and juvenile incarceration, crowding, and future projections. This course includes an in-depth study of relationships between criminals and institutional personnel. Formerly known as AJ 030.
CSU, Program Applicable
C-ID AJ 200

CJ 032
INTRODUCTION TO CRIMINOLOGY

3 Units
Total Lecture Hours: 54

This course examines the historical development of criminology and the application of contemporary thought to the problems of crime in the United States. Topics include theories of criminal behavior causes; the nature, extent, control, and prevention of crimes; individual and group criminal activity; criminal behavior systems; recidivism; crime categories; crime prevention theory; aspects of victimology; and police behavioral responses.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4

CULINARY ARTS (CULN)

CULN 001A
CULINARY ESSENTIALS

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

Through a combination of lecture and lab sessions, students are introduced to food and workplace safety, and fundamental culinary principles, techniques and operations. Students are introduced to and apply skills in product identification, ingredient handling, recipe costing, commercial recipe development, cooking fundamentals and professional standards of commercial kitchen operations. After successful completion of this course, students are eligible to take CULN 001B. This course may include additional fees and/or field trips.
CSU, Program Applicable
C-ID HOSP 160

CULN 001B
VEGETABLES, LEGUMES, AND OTHER STARCHES

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

Through a combination of lecture and lab sessions, students are introduced to the history, organization, and purpose of the classic culinary kitchen layout. Emphasis is placed on standardized recipe usage and the preparation of vegetables and starches, including legumes, grains, and pastas. The modern culinary kitchen and career skills necessary for performance will be covered. This course may include additional fees. This course is open to students who have not taken CULN 001A but have a current San Bernardino Food Handler's card. However, if a student does not have restaurant experience, it is recommended that they take CULN 001A prior to enrolling in this course.
Prerequisite: CULN-001A with a grade of "C" or better OR a San Bernardino County Food Handlers Certificate that must be current for the duration of the course. This will be verified by Admissions and Records prior to enrollment.
CSU, Program Applicable

CULN 002A
DAIRY PRODUCTS, BREAKFAST FOODS, SALADS, AND APPETIZERS

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course covers nutrition, balanced diets and menus; ingredients and the preparation and presentation of salads, dressings; eggs, and other breakfast foods. This class may include additional fees. This course is open to students who have not taken CULN 001A, but have a current San Bernardino Food Handler's card. However, if a student does not have restaurant experience, it is recommended that they take CULN 001A prior to enrolling in this course.
Prerequisite: CULN-001A with a grade of "C" or better OR a San Bernardino County Food Handlers Certificate that must be current for the duration of the course. This will be verified by Admissions and Records prior to enrollment.
CSU, Program Applicable

CULN 002B
ESSENTIAL BAKING AND MEAT, POULTRY & SEAFOOD COOKING METHODS

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course covers the essential baking skills needed to begin a career in the culinary industry. This course also provides an in-depth understanding of meat, poultry and seafood products; in addition it provides students with the skills to properly prepare meat, poultry, and seafood by examining and experimenting with the various cooking methods available in a professional culinary kitchen. This course is open to students who have not taken CULN 001A but have a current San Bernardino Food Handler's card. However, if a student does not have restaurant experience, it is recommended that they take CULN 001A prior to enrolling in this course.
Prerequisite: CULN-001A with a grade of "C" or better OR a San Bernardino County Food Handlers Certificate that must be current for the duration of the course. This will be verified by Admissions and Records prior to enrollment.
CSU, Program Applicable

CULINARY WORK EXPERIENCE (CUWE)

CUWE 080
WORK EXPERIENCE - CULINARY

1 Unit
Total Lab Hours: 75 hrs for paid or 60 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees in the Culinary discipline. Students gain career awareness in this course. Some vocational programs require internship credits. Credit in Work Experience Culinary courses may be accrued at the rate of one to eight units per semester for a maximum of sixteen units.

CUWE 081
WORK EXPERIENCE - CULINARY

2 Units
Total Lab Hours: 150 hrs for paid or 120 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees in the Culinary discipline. Students gain career awareness in this course. Some vocational programs require internship credits. Credit in Work Experience Culinary courses may be accrued at the rate of one to eight units per semester for a maximum of sixteen units.

CUWE 082
WORK EXPERIENCE - CULINARY

3 Units
Total Lab Hours: 225 hrs for paid or 180 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees in the Culinary discipline. Students gain career awareness in this course. Some vocational programs require internship credits. Credit in Work Experience Culinary courses may be accrued at the rate of one to eight units per semester for a maximum of sixteen units.

CUWE 083
WORK EXPERIENCE - CULINARY

4 Units
Total Lab Hours: 300 hrs for paid or 240 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees in the Culinary discipline. Students gain career awareness in this course. Some vocational programs require internship credits. Credit in Work Experience Culinary courses may be accrued at the rate of one to eight units per semester for a maximum of sixteen units.

EARLY CHILDHOOD EDUCATION (ECE)

ECE 025
ADMINISTRATION OF PROGRAMS IN EARLY CHILDHOOD EDUCATION

3 Units
Total Lecture Hours: 54

This course is an introduction to the administration of early childhood programs. The course covers program types, budget, management, regulations, laws, development, and implementation of policies and procedures. Students examine administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program.
Prerequisite: CD 010/CDEV C1000, and 9 additional ECE/CD/CDEV units
CSU, Program Applicable

ECE 043
CARE AND EDUCATION FOR INFANTS AND TODDLERS

3 Units
Total Lecture Hours: 54

This course is a study of research-based approaches related to the care and education of infants and toddlers in group settings. Students examine theories of learning and development, regulations, and essential practices that lead to quality care and developmentally appropriate curriculum and environments for children from birth to 36 months. Topics emphasized include strategies to promote healthy relationships in the care and education of infants and toddlers.
Prerequisite: CDEV 042
CSU, Program Applicable

ECE 045
INTRODUCTION TO CHILDREN WITH DISABILITIES OR DELAYS

3 Units
Total Lecture Hours: 54

This course is an introduction to the variations in the development of children with disabilities or delays from birth to eight years old. Included is an overview of historical and societal influences, laws relating to children with disabilities or delays, and the assessment and referral process. Emphasis is placed on working in partnership with families and specialists to support children's development.
CSU, Program Applicable

ECE 046
CURRICULUM AND STRATEGIES FOR CHILDREN WITH DISABILITIES OR DELAYS

3 Units
Total Lecture Hours: 54

This course covers curriculum and intervention strategies for working with children with disabilities or delays in partnership with their families. Focus is placed on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. The role of the teacher as a professional working with families, collaboration with interdisciplinary teams, and cultural competence are emphasized.
Prerequisite: ECE 045
CSU, Program Applicable

ECE 050
FAMILY CHILDCARE PROVIDER

3 Units
Total Lecture Hours: 45
Total Lab Hours: 27

This course meets the specific needs of the family child care provider. Emphasis will be given to licensing regulations, record keeping, developing contracts, child development, and creating partnerships with parents. Topics include creating appropriate environments, using appropriate positive guidance techniques, and planning and implementing developmentally appropriate curricula for mixed-age groups of children. Outside observations are required. To comply with outside classroom regulations per SB 792, students are required to show proof of immunizations for MMR and Tdap and a recent negative TB test result and any other State-mandated vaccinations (COVID-19, etc.).
CSU, Program Applicable

ECONOMICS (ECON)

ECON C2001
PRINCIPLES OF MICROECONOMICS

3 Units
Total Lecture Hours: 54

An introductory course using microeconomic models to understand individual decisions by consumers and firms, market outcomes including market failure, elasticity, market structures, labor markets, inequality, and the impact of government policies. This course offers an in-depth exploration of specialization and trade, examines how market equilibrium is achieved, and analyzes the nuances of production and cost theory. Additionally, it covers the dynamics of factor markets and the implications of market failure. Students can enroll in this course either before, after, or concurrently with ECON C2002. Formerly known as ECON 002.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID ECON 201

ECON C2002
PRINCIPLES OF MACROECONOMICS

3 Units
Total Lecture Hours: 54

An introductory course using macroeconomic models to understand the broader economic environment, focusing on how national economies function and interact on a global scale. This course explores aggregate measures of economic activity, macroeconomic equilibrium, the role of money and financial institutions, and the effects of both monetary and fiscal policies. Additionally, it examines international economics and the factors influencing economic growth and development. Principles of Macroeconomics introduces students to aggregate economic theory and analysis. This course emphasizes the complexity of market systems, examining how economies achieve macroeconomic equilibrium and the critical role of government policies in stabilizing economic activity. It also covers the impact of international trade and finance, providing insights into the measurement and determinants of economic growth. Students can enroll in this course either before, after, or concurrently with ECON C2001.Formerly known as ECON 001.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID ECON 202

EDUCATION (EDUC)

EDUC 010
INTRODUCTION TO ELEMENTARY CLASSROOM TEACHING

3 Units
Total Lecture Hours: 54

This course introduces students to the concepts and issues related to teaching diverse learners in today's contemporary schools, Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California's content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in public school elementary classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher. To comply with local school district regulations for observing in classrooms, students must show proof of a current MMR, Tdap, negative TB test, LiveScan fingerprinting completed in order to complete the course. Proof of COVID vaccination may be required.
Advisory: CD 012, ENGL C1000
CSU, UC, Program Applicable
C-ID EDUC 200

EMERGENCY MEDICAL RESPONDER (EMR)

EMR 001
EMERGENCY MEDICAL RESPONDER

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

The Emergency Medical Responder (EMR) course prepares the EMR student to provide emergency prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMRs, anatomy and physiology, medical emergencies, trauma, and special considerations for working in the prehospital setting. This course meets or exceeds all of the requirements as specified in the California Code of Regulations, Title 22, Division 9, for Advanced First Aid Standards for Public Safety Personnel and the National Standard Curriculum for Emergency Medical Responders.
CSU, Program Applicable
C-ID KIN 101

EMERGENCY MEDICAL TECHNICIAN (EMT)

See page 86 for additional information.

EMT 084
EMERGENCY MEDICAL TECHNICIAN

9 Units
Total Lecture Hours: 104.40
Total Lab Hours: 172.80

This course prepares students to become an Emergency Medical Technician (EMT). Upon successful completion of the course, students will meet the required standards and be eligible to register for the National Registry Emergency Medical Technician (NREMT) – Certifying Examination. Students study and practice the fundamental principles and skills required to provide care for patients experiencing trauma and emergency medical conditions. This course is approved by the San Bernardino County Emergency Medical Services (EMS) and meets or exceeds all requirements as specified in the California Code of Regulations, Title 22, Chapter 5, Section 9. This course includes theory, skills practice, and supervised field and clinical time in selected pre-hospital and emergency department sites. Students must be eighteen years old to enroll in this course per the Inland Counties Emergency Medical Association (ICEMA).
Advisory: BIOL 022, BIOL 023, HS 081, HS 061, EMR 001
CSU, Program Applicable

EMT 085
EMERGENCY MEDICAL TECHNICIAN REFRESHER COURSE

2 Units
Total Lecture Hours: 36

This refresher course for current Emergency Medical Technician (EMT) personnel meets or exceeds the requirements specified in the California Code of Regulations, Title 22, Chapter 5, Section 9. This course is for those who have completed a recognized EMT training course and are in the process of obtaining certification or renewing their current certification. The course includes information on updated procedures and protocols, American Heart Association BLS Provider CPR certification, and skills competency verification for the State of California required for EMT recertification. Passing performance in both written and skills competency examinations is required for course completion. To meet legally mandated training requirements, students may re-enroll in this course as many times as needed by completing a petition with Student Services.
Prerequisite: Current NREMT certification, current or expired State of California EMT-Basic certification, or have successfully completed a recognized EMT course and is in the process of gaining certification.

ENGLISH (ENGL)

ENGL 005A
CREATIVE WRITING I

3 Units
Total Lecture Hours: 54

In Creative Writing I, students explore writing in four genres: poetry, fiction (short story or novel), drama (stage or screen), and creative nonfiction. Course components include analyzing works of literary merit and composing original material in at least two of the required genres, totaling a minimum of 5,000 words. Students engage in creative writing exercises and actively participate in review and editing workshops. Formerly known as ENG 005A.
Advisory: ENGL C1000 with a grade of "C" or better
CSU, UC, Program Applicable
C-ID ENGL 200

ENGL 010A
U.S. LITERATURE I

3 Units
Total Lecture Hours: 54

This course presents a survey of U.S. literature from its beginnings to the Civil War era. Students read the literature of Puritanism, reason and revolution, transcendentalism, romanticism, as well as Native American writing and slave narrative. Selections include the writing of traditional and non-traditional authors reflecting the rich and diverse cultural backgrounds that make up the nation's unique and complex heritage. Formerly known as ENG 010A.
Prerequisite: ENGL C1000 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID ENGL 130

ENGL 010B
U.S. LITERATURE II

3 Units
Total Lecture Hours: 54

This course presents a survey of literature written in the United States from the late nineteenth century through the present. Selections include writings by traditional and non-traditional authors and the relationship to major literary and intellectual movements, reflecting the diverse cultural backgrounds that comprise the complex heritage of the United States. Formerly known as ENG 010B.
Prerequisite: ENGL C1000 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID ENGL 135

ENGL 011A
SURVEY OF ENGLISH LITERATURE: OLD ENGLISH TO EIGHTEENTH CENTURY

3 Units
Total Lecture Hours: 54

This course surveys the major works of English literature including selections from Old English, Middle English, Renaissance, and 17th and 18th century authors. Students will critically analyze representative works in the following literary genres: the essay, short story, the novel, the epistolary novel, poetry, song, and drama. Formerly known as ENG 011A.
Prerequisite: ENGL C1000 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID ENGL 160

ENGL 011B
SURVEY OF ENGLISH LITERATURE: ROMANTIC THROUGH POSTMODERNISM

3 Units
Total Lecture Hours: 54

The course surveys the major writers and works of English literature of the Romantic, Victorian, Edwardian, Modern and Postmodern Periods. Students examine English literature, critically analyzing the representative works in all of the literary genres: the essay, short story, the novel, the epistolary novel, poetry, song, and drama. Formerly known as ENG 011B.

Prerequisite: ENGL C1000 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID ENGL 165

ENGL 012A
SURVEY OF WORLD LITERATURE 1

3 Units
Total Lecture Hours: 54

This course is a comparative study of selected works, in translation and in English, of literature from around the world, including Europe, the Middle East, Asia, and other areas, from antiquity to the mid or late seventeenth century. Formerly known as ENG 012A.

Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID ENGL 140

ENGL 012B
SURVEY OF WORLD LITERATURE 2

3 Units
Total Lecture Hours: 54

This course is a comparative study of selected works, in translation and in English, of literature from around the world, including Europe, the Middle East, Asia, and other areas, from the mid or late seventeenth century to the present. Formerly known as ENG 012B.

Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID ENGL 145

ENGL 0400S
ACADEMIC READING AND WRITING SUCCESS LAB -NONCREDIT

0 Unit
Total Lab Hours: 54

This non-transferable, noncredit lab course helps students improve their skills in essay writing and critical reading in order to be successful in ENGL C1000 Academic Reading and Writing. Students review rules of grammar, punctuation, and standard syntax while completing assignments for their transfer-level composition course. Formerly known as ENG 103ALS, ENG 103ASC.

Corequisite: ENGL C1000

ENGL 1400S
ACADEMIC READING AND WRITING SUCCESS LAB -CREDIT

1 Unit
Total Lab Hours: 54

This non-transferable, one-credit lab course helps students improve their skills in essay writing and critical reading in order to be successful in ENGL C1000 Academic Reading and Writing. Students review rules of grammar, punctuation, and standard syntax while completing assignments for their transfer-level composition course. Formerly known as ENG 003ALS, ENG 003ASC.

Corequisite: ENGL C1000

ENGL C1000
ACADEMIC READING AND WRITING

3 Units
Total Lecture Hours: 54

In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research. Students write a minimum of 5,000 words in a variety of rhetorical situations, including a documented APA or MLA research paper. Formerly known as ENG 003A.

Prerequisite: Placement as determined by the college's multiple measures assessment process.
Advisory: To be successful in this course, students must possess basic computer and technology skills.
CSU, UC, Program Applicable
CMC GE: 1A, Cal-GETC: 1A
C-ID ENGL 100

ENGL C1001
CRITICAL THINKING AND WRITING

3 Units
Total Lecture Hours: 54

In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction texts, refining writing skills and research strategies developed in ENGL C1000 College Reading and Writing (C-ID ENGL 100) or similar first-year college writing course. Students produce writing assignments that total a minimum of 5,000 words. Formerly known as ENG 001C.

Prerequisite: ENGL C1000 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 1B, Cal-GETC: 1B
C-ID ENGL 105

ENGL C1002
INTRODUCTION TO LITERATURE

3 Units
Total Lecture Hours: 54

In this course, students are introduced to works by diverse authors and major literary genres, developing close reading and analytical writing skills. Students also develop appreciation for and critical understanding of the cultural, historical, and aesthetic qualities of literature. The course focuses on analytical, critical, and argumentative writing, critical thinking, research strategies,literary theory, information literacy, and proper MLA documentation. Students produce writing assignments that total a minimum of 5,000 words. Formerly known as ENG 001B.

Prerequisite: ENGL C1000 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID ENGL 120

ENVIRONMENTAL SCIENCE (ENV)

ENV 001
INTRODUCTION TO ENVIRONMENTAL SCIENCE

3 Units
Total Lecture Hours: 54

This course is an introduction to environmental issues, focusing on physical, chemical, and biological processes within the Earth system, the interaction between humans and these processes, and the role of science in finding sustainable solutions. Students employ critical thinking to interpret data, draw conclusions, and evaluate methods of data collection and experimentation. Topics include human populations, energy flow through systems, bioenergetics, ecological principles, biodiversity, climate change, sustainability, renewable and non-renewable energy, water resources, air and water pollution, and solid waste management.

Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5B
C-ID ENVS 100

ETHNIC, GENDER, SOCIAL JUSTICE (EGSJ)

EGSJ 014
INTRODUCTION TO RACE AND ETHNICITY

3 Units
Total Lecture Hours: 54

This course is a comprehensive study of Arab, Asian, African, European, Latinx/Chicano, Multiracial, and Native American groups in the United States, focusing on sociological analyses of race, ethnicity, and racism. Students examine the cultural, political, and economic practices and institutions that support or challenge racism, racial, and ethnic inequalities, as well as historical and contemporary patterns of interaction among various racial and ethnic groups.

Note: A student who receives credit for EGSJ 014 cannot receive credit for SOCI 014.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID SOCI 150

EGSJ 020
NATIVE AMERICAN STUDIES

3 Units
Total Lecture Hours: 54

This course provides an overview of the Native American experience in the United States from antiquity to the present examining their social, cultural, political, and economic history. Special emphasis is placed on Native American agency, sovereignty, and diversity. This course reviews the 500 years of migration, conflict, resistance, and survival, including the contemporary realities of indigenous peoples. The Native American experience is compared and contrasted with the experiences of the dominant society and those of other racial and ethnic groups.

CSU, UC, Program Applicable
CMC GE: 6, Cal-GETC: 6

EGSJ 030
IDENTITY AND IDEOLOGY: INTRODUCTION TO CHICANO/A AND LATINO/A STUDIES

3 Units
Total Lecture Hours: 54

Multidisciplinary examination of the experience of Chicano/as and Latino/as in the United States. Introduction to the history and culture of Chicano/a communities, social movements and ideologies behind those movements, and contemporary issues facing Chicano/as and other Latino/a groups. Field trip(s) or destination event(s) may be part of the coursework.

Advisory SPAN 001
CSU, UC, Program Applicable
CMC GE: 6, Cal-GETC: 6

FIRE TECHNOLOGY (FIRE)

FIRE CSFM030
FIRE INSTRUCTOR I: INSTRUCTIONAL METHODOLOGY

0 Units
Total Lecture Hours: 40

This course provides the skills and knowledge needed for the entry level professional instructors to perform their duties safely, effectively, and competently. The curriculum is based on the current edition of NFPA 1041 (Standard for Fire Service Instructor Professional Qualifications). At the end of this course, candidates for Instructor I certification will be able to teach and deliver instruction from a prepared lesson plan utilizing instructional aids and evaluation instruments. The Instructor I will also be able to adapt a lesson plan and complete the reporting requirements to the local jurisdiction. May include field trip(s). (Students must pay state fire training certification fee.)

FIRE 001
FIRE PROTECTION ORGANIZATIONS

3 Units
Total Lecture Hours: 54

This course provides an overview to fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives. This course meets the Fire and Emergency Services Higher Education (FESHE) model curriculum for an Associate's Degree as recognized by the National Fire Academy. This course may include field trip(s).

CSU, Program Applicable
C-ID FIRE 100X

FIRE 002
FIRE PREVENTION

3 Units
Total Lecture Hours: 54

This course provides fundamental knowledge relating to the field of fire prevention. Students obtain basic information on the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, the use of fire codes, and the identification and correction of fire hazards. Additional topics include fire investigation, and fire and life-safety education. Field trips may be offered throughout the course.

CSU, Program Applicable
C-ID FIRE 110X

FIRE 003
FIRE PROTECTION EQUIPMENT AND SYSTEMS

3 Units
Total Lecture Hours: 54

This course provides information relating to the features of design and operation of fire alarm systems, water-based suppression systems, special hazard fire suppression systems, water supply for fire protection and portable fire extinguishers. This course is designated as Fire 3 by the California State Board of Fire Services and the State Fire Marshal as part of the core curriculum. This course meets the Fire and Emergency Service Higher Education (FESHE) model curriculum for an Associate Degree as recognized by the National Fire Academy. May include field trip(s).

CSU, Program Applicable
C-ID FIRE 120X

FIRE 004
BUILDING CONSTRUCTION FOR FIRE PROTECTION

3 Units
Total Lecture Hours: 54

This course provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies. This course meets the Fire and Emergency Service Higher Education (FESHE) model curriculum for an Associate Degree as recognized by the National Fire Academy. May include field trip(s).
CSU, Program Applicable
C-ID FIRE 130X

FIRE 005
FIRE BEHAVIOR AND COMBUSTION

3 Units
Total Lecture Hours: 54

This course explores the theories and fundamentals of how and why fires start, spread, and are controlled. This course is designated Fire 5 by the California State Board of Fire Services and the State Fire Marshal and is part of the designated core curriculum. This course meets the Fire and Emergency Service Higher Education (FESHE) model curriculum for an Associate Degree as recognized by the National Fire Academy. May include field trip(s).
CSU, Program Applicable
C-ID FIRE 140X

FIRE 006
HAZARDOUS MATERIALS OPERATIONS

3 Units
Total Lecture Hours: 54

This course introduces the student to the world of hazardous chemicals, including their physical properties, uses in industry, and characteristics when involved in spills, fires, and accidents. Basic information is covered regarding emergency procedures, legal requirements, compliance to regulations, health effects and treatment, and fire department protocols and responsibilities. This course is designed to meet the core competencies for hazardous materials first responders as outlined in OSHA 1910.120, NFPA 472, Professional Competencies of Responders to Hazardous Materials Incidents. This course is designated Fire 6 by the State Board of Fire Services and California State Fire Marshall. May include field trip(s).
CSU, Program Applicable

FIRE 007
PRINCIPLES OF FIRE AND EMERGENCY SERVICES SAFETY & SURVIVAL

3 Units
Total Lecture Hours: 54

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services. This course meets the National Fire and Emergency Services Higher Education (FESHE) objectives pertaining to firefighter safety and survival techniques used in today's fire service. May include field trip(s).
CSU, Program Applicable
C-ID FIRE 150X

FIRE 008
FIREFIGHTING STRATEGIES AND TACTICS

3 Units
Total Lecture Hours: 54

This course provides the principles of fire control, through utilization of manpower, equipment, extinguishing agents, and fire command and control procedures. Presents information on building construction types in fire control. Students learn how to pre-fire plan and conduct an organized approach to decision-making on the fire ground. May include field trip(s).
CSU, Program Applicable
C-ID FIRE 160X

FIRE 010
PAID-CALL FIREFIGHTER ACADEMY

7 Units
Total Lecture Hours: 90
Total Lab Hours: 108

This introductory course gives students the classroom theory and manipulative skills required in modern firefighting. Students will learn entry-level skills including structural and wildland firefighting; hazardous materials response at the operations level; auto extrication; and other basic rescue skills. Students will perform arduous activities throughout this course. This course prepares students for entry into a paid-call firefighter position.
Prerequisite: Complete a physical exam and demonstrate the physical stamina and ability to safely operate and control fire service tools, equipment and apparatus. Students must attend a mandatory orientation.
Program Applicable

FIRE 058
FIRE PROTECTION HYDRAULICS AND WATER SUPPLY

3 Units
Total Lecture Hours: 54

This course provides the Fire Technology student with a foundation of theoretical knowledge in order to understand the principles of water usage in fire protection. Students learn to apply hydraulic principles to analyze and solve water supply problems. Topics include the design principles of fire service pumping apparatus, community fire flow demand criteria, pump theory, pumping and hydraulic calculations, fire ground hydraulics, drafting operations, as well as the testing and inspecting of water-based suppression systems. May include field trip(s).
CSU, Program Applicable

FIRE 061
FIRE APPARATUS AND EQUIPMENT

3 Units
Total Lecture Hours: 54

This course provides the student with information on driver responsibilities, recognized standards, and related laws for fire apparatus. Topics include basic inspections, documentation, maintenance, and troubleshooting fire apparatus, and techniques on driving and positioning fire apparatus. This course provides the student with information on pump construction, and theory of operations. Topics include methods of performing basic hydraulics and techniques on basic inspections, documentation, maintenance, and troubleshooting fire pumps.
CSU, Program Applicable

FIRE 081
FIRE APPARATUS DRIVER/OPERATOR (EMERGENCY VEHICLE OPERATIONS)

1.5 Units
Total Lecture Hours: 18
Total Lab Hours: 27

This course provides information on fire apparatus preventive maintenance and driving/operating. Topics include: routine tests, inspections, servicing functions, operate and maneuver in a variety of conditions, as well as operate all fixed systems and equipment on a fire apparatus. This course is based on the current edition of NFPA 1002 Standard for Fire Apparatus Driver/Operator Professional Qualifications. This course fulfills the requirements for a Class C Firefighter Endorsement. A minimum of 40 hours is required. The FIRE 081 course is a California State Fire Marshal (CSFM) course. Upon successful completion of the course, students will be issued a California State Fire Training Certificate of Completion. A fee of $140.00 is required for the certificate as well as a $25.00 lab fee to cover the fuel and maintenance cost of the fire apparatus. May include field trip(s).
Prerequisite: Must possess a valid and current Class C California Driver's License.
Program Applicable

FIRE 084
DRIVER/OPERATOR (PUMP OPERATIONS)

1.5 Units
Total Lecture Hours: 18
Total Lab Hours: 27

This course provides information on pumping apparatus preventive maintenance and operations. Topics include: routine tests, inspections, and servicing functions; producing hand, master, and foam fire streams, relay pump operations; and supplying water to fire sprinkler and standpipe systems. This course is based on the current edition of NFPA 1002 Standard for Fire Apparatus Driver/Operator Professional Qualifications. A minimum of 40 hours is required. The FIRE 084 course is a California State Fire Marshal (CSFM) course. Upon successful completion of the course, students will be issued a California State Fire Training Certificate of Completion. A fee of $140.00 is required for the certificate as well as a $25.00 lab fee to cover the fuel and maintenance cost of the fire apparatus. May include field trip(s).)
Prerequisite: FIRE 081
Program Applicable

FIRE 100
WILDLAND FIRE ACADEMY

0 Units
Total Lecture Hours: 108
Total Lab Hours: 54

This course is designed for those students who desire to gain information and certification through the NWCG (National Wildland Coordinating Group) as a Wildland Firefighter. Students are trained in hand crew formation, fire line construction, and the use of wildland equipment. Students learn about wildland firefighter safety, fire behavior, protective clothing, and wildland fire tools. This course includes arduous physical conditioning and outdoor activity. This academy provides the required training to be hired as a seasonal Type 2 wildland firefighter for the U.S. Forest Service.
Prerequisite: Pass a U.S. Forest Service physical fitness examination.
Advisory: Students should be prepared physically for arduous physical activity. Students should be able to complete the US Forest Service Pack Test which includes a 3-mile hike, completed within 45 minutes while carrying 45 lbs. (pounds) of weight.

FIRE 110
FIREFIGHTER PHYSICAL ABILITIES AND WELLNESS

0 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is designed to give in-service firefighters and interested students information about firefighter conditioning and fire department physical ability test designs. This course includes manipulative drills and will provide information on current physical assessment tests to include Candidate Physical Abilities Test (CPAT) and the Biddle (Biddle and Associate Validated Test). Students will learn about firefighter wellness programs, review basic nutrition and current National Fire Protection Association (NFPA) standards pertaining to firefighter health and safety. Students must be able to perform some basic firefighter activities including climbing a ladder, using sledgehammers, dragging 130lb to 150lb dummies, and wearing a self-contained breathing apparatus (SCBA).
Advisory: FIRE-001
Program Applicable

FIRE 181
NONCREDIT FIRE APPARATUS DRIVER/OPERATOR (EMERGENCY VEHICLE OPERATIONS)

0 Units
Total Lecture Hours: 18
Total Lab Hours: 27

This course provides information on fire apparatus preventive maintenance and driving/operating. Topics include: routine tests, inspections, servicing functions, operate and maneuver in a variety of conditions, as well as operate all fixed systems and equipment on a fire apparatus. This course is based on the current edition of NFPA 1002 Standard for Fire Apparatus Driver/Operator Professional Qualifications. This course fulfills the requirements for a Class C Firefighter Endorsement. A minimum of 40 hours is required. The FIRE 181 course is a California State Fire Marshal (CSFM) course. Upon successful completion of the course, students will be issued a California State Fire Training Certificate of Completion. A fee of $140.00 is required for the certificate as well as a $25.00 lab fee to cover the fuel and maintenance cost of the fire apparatus. May include field trip(s).
Prerequisite: Must possess a valid and current Class C California Driver's License.

FIRE 184
NONCREDIT DRIVER/OPERATOR (PUMP OPERATIONS)

0 Units
Total Lecture Hours: 18
Total Lab Hours: 27

This course provides information on pumping apparatus preventive maintenance and operations. Topics include: routine tests, inspections, and servicing functions; producing hand, master, and foam fire streams, relay pump operations; and supplying water to fire sprinkler and standpipe systems. This course is based on the current edition of NFPA 1002 Standard for Fire Apparatus Driver/Operator Professional Qualifications. A minimum of 40 hours is required. The FIRE 184 course is a California State Fire Marshal (CSFM) course. Upon successful completion of the course, students will be issued a California State Fire Training Certificate of Completion. A fee of $140.00 is required for the certificate as well as a $25.00 lab fee to cover the fuel and maintenance cost of the fire apparatus. May include field trip(s).
Prerequisite: FIRE 081, FIRE 181

FIRE TECHNOLOGY — WILDLAND FIRE TECHNOLOGY (FIRE-WFT)

FIRE WFT101
WILDLAND FIRE BEHAVIOR

3 Units
Total Lecture Hours: 54

This course provides students with information necessary to understand basic wildland fire behavior, wildland fire predictions, and wildland fire operation safety. Wildland fire environmental factors and the tools required to monitor weather and fire behavior are discussed as it relates to wildland fire predictions. This course meets or exceeds the National Wildfire Coordinating Group (NWCG) requirements. This course is part of a five core course series required for the Wildland Fire Technology Certificate of Achievement and Associate of Science degree programs.
CSU, Program Applicable

FIRE WFT102
WILDLAND FIREFIGHTER SAFETY & SURVIVAL

3 Units
Total Lecture Hours: 54

The course provides students with information necessary to understand occupational safety and hazards associated with wildland firefighting operations. Emphasis is placed on situational awareness, protective measures, accident avoidance procedures, and the risk management process. Students also review fire ground near misses, entrapments, and fatalities. This course meets or exceeds the National Wildfire Coordinating Group(NWCG) requirements. This course is part of a five core course series required for the Wildland Fire Technology Certificate of Achievement and Associate of Science degree programs.
CSU, Program Applicable

FIRE WFT103
WILDLAND FIRE OPERATIONS

3 Units
Total Lecture Hours: 54

This course provides students with information necessary to understand ground and air operations associated with wildland firefighting operations. Emphasis will be placed on incident command system use, strategy, tactics, hazards, resource typing, management, and safety procedures during wildland fire incidents. This course meets or exceeds the National Wildfire Coordinating Group (NWCG) requirements. This course is part of a five core course series required for the Wildland Fire Technology Certificate of Achievement and Associate of Science degree programs.
CSU, Program Applicable

FIRE WFT104
WILDLAND FIRE INVESTIGATION, PREVENTION, AND PUBLIC INFORMATION

3 Units
Total Lecture Hours: 54

This course provides students with information and skills necessary to understand the roles and functions of the public information officer (PIO),fire prevention education team member, and a wildland fire investigator. Various wildland fire associated class projects will challenge the student's public speaking, report writing, and presentation skills. This course is part of a five core course series required for the Wildland Fire Technology Certificate of Achievement and Associate of Science degree programs.
CSU, Program Applicable

FIRE WFT105
WILDLAND FIRE LOGISTICS, FINANCE, AND PLANNING

3 Units
Total Lecture Hours: 54

This course provides students with information necessary to understand the responsibilities and functions of the logistics, finance, and planning sections. Emphasis is placed on how the different incident command system sections are organized and utilized during wildland fire incidents. This course meets or exceeds the National Wildfire Coordinating Group requirements. This course is part of a five core course series required for the Wildland Fire Technology Certificate of Achievement and Associate of Science degree programs.
CSU, Program Applicable

FIRE TECHNOLOGY WORK EXPERIENCE (FIWE)

FIWE 080
COOPERATIVE WORK EXPERIENCE EDUCATION/INTERNSHIP (60 HOURS TOTAL)

1 Unit
Total Lab Hours - 75 hrs for paid or 60 hrs of unpaid

This work experience course of supervised employment is designed for students to acquire desirable work habits, attitudes, and skills to enable them to become productive employees in the fire service. This course also provides students with career awareness for fire service jobs. Students must work 75 paid hours or 60 non-paid hours. This type of work experience is available to students whose job and educational or occupational goals are directly related to fire technology. Credit may be accrued at the rate of 1-4 units per semester for a maximum of 16 units.
Corequisite: Must be currently enrolled in or successfully completed any Fire Technology course with a "C" or better.
Program Applicable

FIWE 081
COOPERATIVE WORK EXPERIENCE EDUCATION/INTERNSHIP (120 HOURS TOTAL)

2 Units
Total Lab Hours - 150 hrs for paid or 120 hrs of unpaid

This work experience course of supervised employment is designed for students to acquire desirable work habits, attitudes, and skills to enable them to become productive employees in the fire service. This course also provides students with career awareness for fire service jobs. Students must work 150 paid hours or 120 non-paid hours. This type of work experience is available to students whose job and educational or occupational goals are directly related to fire technology. Credit may be accrued at the rate of 1-4 units per semester for a maximum of 16 units.
Corequisite: Must be currently enrolled in or successfully completed any Fire Technology course with a "C" or better.
Program Applicable

FIWE 082
COOPERATIVE WORK EXPERIENCE EDUCATION/INTERNSHIP (180 HOURS TOTAL)

3 Units
Total Lab Hours - 225 hrs for paid or 180 hrs of unpaid

This work experience course of supervised employment is designed for students to acquire desirable work habits, attitudes, and skills to enable them to become productive employees in the fire service. This course also provides students with career awareness for fire service jobs. Students must work 225 paid hours or 180 non-paid hours. This type of work experience is available to students whose job and educational or occupational goals are directly related to fire technology. Credit may be accrued at the rate of 1-4 units per semester for a maximum of 16 units.
Corequisite: Must be currently enrolled in or successfully completed any Fire Technology course with a "C" or better.
Program Applicable

FIWE 083
COOPERATIVE WORK EXPERIENCE EDUCATION/INTERNSHIP (240 HOURS TOTAL)

4 Units
Total Lab Hours - 300 hrs for paid or 240 hrs of unpaid

This work experience course of supervised employment is designed for students to acquire desirable work habits, attitudes, and skills to enable them to become productive employees in the fire service. This course also provides students with career awareness for fire service jobs. Students must work 300 paid hours or 240 non-paid hours. This type of work experience is available to students whose job and educational or occupational goals are directly related to fire technology. Credit may be accrued at the rate of 1-4 units per semester for a maximum of 16 units.
Corequisite: Must be currently enrolled in or successfully completed any Fire Technology course with a "C" or better.
Program Applicable

GEOGRAPHY (GEOG)

GEOG 001
PHYSICAL GEOGRAPHY

3 Units
Total Lecture Hours: 54

This course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered, including maps, remote sensing,Geographic Information Systems (GIS) and Global Positioning Systems (GPS).
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A
C-ID GEOG 110

GEOG 002
CULTURAL GEOGRAPHY

3 Units
Total Lecture Hours: 54

This course is a study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions. Students examine the human interrelationships between features of the modern cultural landscape and the processes that produce regional and environmental differences. Students analyze the global patterns and dynamics of such human activities as population growth, migration, territoriality, politics, religion, language, agriculture, urbanization, industrialization, and economic development.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID GEOG 120

GEOG 007
WORLD REGIONAL GEOGRAPHY

3 Units
Total Lecture Hours: 54

This course is a survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis is placed on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions is studied.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID GEOG 125

GEOG 048A
DIRECTED RESEARCH SEMINAR

1 Unit
Total Lecture Hours: 18

The course provides students an opportunity to extend their knowledge and understanding of selected topics in geography within the general scope of departmental offerings that are not contained in scheduled courses. This one (1) unit seminar may be accepted for the A.A. or A.S. degree. Course content to be determined by discipline faculty in consultation with the Chief Instructional Officer, and in relation to community/student needs and available staff. At the discretion of the instructor, this course may include lectures, directed study, small group discussions, conferences, special laboratory projects, or field research projects.
CSU, Program Applicable

GEOG 048B
DIRECTED RESEARCH SEMINAR

2 Units
Total Lecture Hours: 36

The course provides students an opportunity to extend their knowledge and understanding of selected topics in geography within the general scope of departmental offerings that are not contained in scheduled courses. This two (2) unit seminar may be accepted for the A.A. or A.S. degree. Course content to be determined by discipline faculty in consultation with the Chief Instructional Officer, and in relation to community/student needs and available staff. At the discretion of the instructor, this course may include lectures, directed study, small group discussions, conferences, special laboratory projects, or field research projects.
CSU, Program Applicable

GEOG 048C
DIRECTED RESEARCH SEMINAR

3 Units
Total Lecture Hours: 54

The course provides students an opportunity to extend their knowledge and understanding of selected topics in geography within the general scope of departmental offerings that are not contained in scheduled courses. This three (3) unit seminar may be accepted for the A.A. or A.S. degree. Course content to be determined by discipline faculty in consultation with the Chief Instructional Officer, and in relation to community/student needs and available staff. At the discretion of the instructor, this course may include lectures, directed study, small group discussions, conferences, special laboratory projects, or field research projects.
CSU, Program Applicable

GEOLOGY (G)

G 001
PHYSICAL GEOLOGY

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course is an introduction to the principles of geology with emphasis on Earth processes. Students investigate the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice, gravity, and the effects of tectonic activity. Fields trips may be included.
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID GEOL 101

G 010
THE EARTH SCIENCES
4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course is an introduction to the essentials of Earth Science, with a laboratory. Topics include the geosphere, atmosphere, hydrosphere, and solar system. Students focus on the interactions between physical and chemical systems of the Earth, such as the tectonic cycle, rock cycle, hydrologic cycle, weather, and climate. Field trips may be included emphasizing the local geology.
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID GEOL 121

HEALTH SCIENCES (HS)

Registered Nursing: See pages 104, 157-158
Vocational Nursing: See pages 105-106, 165-166

HS 001
PERSONAL AND COMMUNITY HEALTH
3 Units
Total Lecture Hours: 54

This course considers facts and attitudes related to the maintenance of optimum health for the individual and society. Students study the body as it relates to health, emphasizing modern concepts of prevention, treatment, and cure of degenerative and communicable diseases. Topics include the effects of exercise, fatigue, and diet; emotional and mental well-being; drugs, alcohol, and tobacco; disease etiology and disease prevention; human reproduction and family; and safety in the modern world. This course satisfies the California requirement in drug, alcohol, and tobacco and nutrition education for teacher certification. Formerly known as HE 001.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: None
C-ID PH 100

HS 013
GENERAL NUTRITION
3 Units
Total Lecture Hours: 54

This course is a study of the chemical compositions of foods and their utilization by the body. Students study the roles, functions, and interactions of proteins, fats, carbohydrates, vitamins, minerals, and water. Practical problems of nutrition and relationship of adequate diet to physical and mental health are covered. Formerly known as HEC 013.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: None

HS 061
MEDICAL TERMINOLOGY
3 Units
Total Lecture Hours: 54

Students are introduced to medical terminology origins, meanings, and applications. Medical terminology is used by all health service personnel, including medical doctors, dentists, nurses, respiratory therapists,physical therapists, EMTs, medical coders, and doctor's office assistants. This course would be valuable for any student considering future enrollment in health sciences courses and programs.
CSU, Program Applicable
C-ID HIT 103 X

HS 065
BASIC PHARMACOLOGY
3 Units
Total Lecture Hours: 54

This course provides an introduction to basic pharmacology. The content covers calculating dosages, using conversion tables, administering medication, and using drug reference materials. Students will learn about desired and undesired effects of commonly used drugs in major classifications.
Prerequisite: BIOL 022
CSU, Program Applicable

HS 081
BASIC ARRHYTHMIAS
3 Units
Total Lecture Hours: 54

This introductory course provides students with the foundational knowledge and skills necessary to understand and interpret basic electrocardiograms (EKGs) and identify common arrhythmias. Emphasis is placed on recognizing the normal EKG waveform, as well as understanding the characteristics and clinical significance of arrhythmias such as atrial fibrillation, ventricular tachycardia, and others. Through a combination of lectures, hands-on practice, and case studies, students gain proficiency in reading EKG strips, assessing heart rhythms, and making clinical decisions based on their findings. This course is designed for healthcare professionals and students pursuing careers in medical assistance, nursing, emergency medical services, and related fields.

HISTORY (HIST)

HIST 003
HISTORY OF WORLD CIVILIZATIONS I
3 Units
Total Lecture Hours: 54

In this course, students examine the origin of a variety of civilizations in Africa, Asia, Europe, and North and South America. The course investigates how people in the past developed environmental, technological, social, political, religious, economic, and cultural responses to the challenges they faced. The time period under consideration is broad, from the early human agrarian communities c.5000 B.C.E. through approximately 1500 C.E.
CSU, UC, Program Applicable
CMC GE: 3, 4, Cal-GETC: 3B, 4
C-ID HIST 150

HIST 004
HISTORY OF WORLD CIVILIZATIONS II
3 Units
Total Lecture Hours: 54

In this course, students investigate how political, social, cultural, economic, and religious changes during the last five hundred years have affected developments in Africa, Asia, Europe, and North and South America. Students consider the historical foundations of 21 century societies, focusing on the impact of revolutionary movements, industrialization, nationalism, imperialism, technological innovations, and globalization.
CSU, UC, Program Applicable
CMC GE: 3, 4, Cal-GETC: 3B, 4
C-ID HIST 160

HIST C1001
UNITED STATES HISTORY TO 1877
3 Units
Total Lecture Hours: 54

This course is a historical survey of the United States, from Indigenous North America to the end of Reconstruction. The course also introduces students to historical reasoning skills. The course will focus on the Enlightenment ideals of liberty as applied in the forming of the British North American colonies and how those ideals shaped American society. Students will also analyze the changes in technological, social, political, religious, and economic aspects of this American nation. Formerly known as HIST 017.
CSU, UC, Program Applicable
CMC GE: 3, 4, Cal-GETC: 3B, 4
C-ID HIST 130

HIST C1002
UNITED STATES HISTORY SINCE 1865
3 Units
Total Lecture Hours: 54

This course is a historical survey of the United States from the end of the Civil War to the present. The course also introduces students to historical reasoning skills. In this course, students examine the political and cultural development based on the Founding Principles of the United States from the Reconstruction Period to the present. Students analyze the changes in technological, social, political, religious, and economic aspects of this American nation. Formerly known as HIST 018.
CSU, UC, Program Applicable
CMC GE: 3, 4, Cal-GETC: 3B, 4
C-ID HIST 140

HIST 019
CALIFORNIA HISTORY
3 Units
Total Lecture Hours: 54

This course is a survey of California's heritage from its Native American origins through statehood to the present. Students examine the diverse populations and the political, economic, and social forces that shaped California's development.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4

HIST 048A
DIRECTED RESEARCH SEMINAR
1 Unit
Total Lecture Hours: 18

The course provides students an opportunity to extend their knowledge and understanding of selected topics in history within the general scope of departmental offerings that are not contained in scheduled courses. This one (1) unit seminar may be accepted for the A.A. or A.S. degree. Course content to be determined by discipline faculty in consultation with the Chief Instructional Officer, and in relation to community/student needs and available staff. At the discretion of the instructor, this course may include lectures, directed study, small group discussions, conferences, special laboratory projects, or field research projects.
CSU, Program Applicable

HIST 048B
DIRECTED RESEARCH SEMINAR
2 Units
Total Lecture Hours: 36

The course provides students an opportunity to extend their knowledge and understanding of selected topics in history within the general scope of departmental offerings that are not contained in scheduled courses. This two (2) unit seminar may be accepted for the A.A. or A.S. degree. Course content to be determined by discipline faculty in consultation with the Chief Instructional Officer, and in relation to community/student needs and available staff. At the discretion of the instructor, this course may include lectures, directed study, small group discussions, conferences, special laboratory projects, or field research projects.
CSU, Program Applicable

HIST 048C
DIRECTED RESEARCH SEMINAR
3 Units
Total Lecture Hours: 54

The course provides students an opportunity to extend their knowledge and understanding of selected topics in history within the general scope of departmental offerings that are not contained in scheduled courses. This three (3) unit seminar may be accepted for the A.A. or A.S. degree. Course content to be determined by discipline faculty in consultation with the Chief Instructional Officer, and in relation to community/student needs and available staff. At the discretion of the instructor, this course may include lectures, directed study, small group discussions, conferences, special laboratory projects, or field research projects.
CSU, Program Applicable

HOME HEALTH AIDE (HHA)

HHA 066
HOME HEALTH AIDE
2 Units
Total Lecture Hours: 27
Total Lab Hours: 27

This course expands on the content taught in Nurse Assistant, NA 064, to provide preparation for care of residents in home-care settings. The content emphasizes personal care, basic communications, safety, meal planning, and maintaining a healthful environment. Course formerly known as HS 066.
Prerequisite: Current California Nurse Assistant Certification or proof of a passing grade on both theory and skills components of certification testing.

HOSPITALITY (HOSP)

HOSP 001
INTRODUCTION TO HOSPITALITY MANAGEMENT
3 Units
Total Lecture Hours: 54

Introduction to Hospitality Management is an overview of the structure and financial performances of the hospitality industry, including food and lodging, resorts, tourism enterprises, attractions, and related operations. The course focuses on orientation to customer service, cultural and economic trends, and career opportunities. This course may include field trips.
CSU, Program Applicable
C-ID HOSP 100

HOSP 002
HOSPITALITY COST CONTROL

3 Units
Total Lecture Hours: 54

In this course, students analyze and manage food, beverage, labor, and other costs within a hospitality operation. There is an emphasis on problem-solving and applying cost control techniques to maximize profits while managing expenses. Topics include establishing standards, cost-volume-profit analysis, forecasting, purchasing, storage controls, menu costing and pricing, theft prevention, and labor control. This course may include field trips.
Advisory: ACCT 001
CSU, Program Applicable
C-ID HOSP 120

KINESIOLOGY (KINE)

Effective Spring 2027

KINE 032A
BEGINNING DANCE AEROBICS

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Beginning Dance Aerobics emphasizes the development of a basic level of conditioning of the musculoskeletal system, improvement of the cardiovascular system, increasing the efficiency of the respiratory system, and increasing flexibility. Beginning level movement patterns, routines, and equipment are used. Principles of physical fitness, conditioning, and other relevant health-related topics are also covered. Formerly known as PE 052.
CSU, UC Program Applicable

Effective Spring 2027

KINE 032B
INTERMEDIATE DANCE AEROBICS

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Intermediate Dance Aerobics emphasizes the development of an intermediate level of conditioning of the musculoskeletal system, improvement of the cardiovascular system, increasing the efficiency of the respiratory system, and increasing flexibility. More complex movement patterns, routines, and equipment are used to increase the intensity of exercise to achieve an increased level of fitness. Principles of physical fitness, conditioning, and other relevant health-related topics are also covered.
CSU, UC

Effective Spring 2027

KINE 032C
ADVANCED DANCE AEROBICS

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Advanced Dance Aerobics emphasizes the development of an advanced level of conditioning of the musculoskeletal system, improvement of the cardiovascular system, increasing the efficiency of the respiratory system, and increasing flexibility. Highly complex movement patterns, routines, and equipment are used to increase intensity of exercise to achieve a superior level of fitness. Principles of physical fitness, conditioning, and other relevant health-related topics are also covered.
CSU, UC

Effective Spring 2027

KINE 039A
BEGINNING WEIGHT TRAINING

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Beginning Weight Training covers all the fundamentals of lifting and safety as well as core training. Students are required to do an assigned program for half of the required hours and design their own program for the other half of the required hours. Formerly known as PE 096.
CSU, UC Program Applicable

Effective Spring 2027

KINE 039B
INTERMEDIATE WEIGHT TRAINING

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Intermediate Weight Training covers the fundamental methods of weight training at an intermediate level. It is intended to aid the students in evaluating their training and muscular development goals as well as setting up weight training programs to accomplish them.
CSU, UC

Effective Spring 2027

KINE 039C
ADVANCED WEIGHT TRAINING

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Advanced Weight Training further develops students' knowledge of weight training and conditioning at an advanced level. Students learn advanced concepts in strength training and muscle development. Students are introduced to advanced free weight exercises.
CSU, UC

Effective Spring 2027

KINE 043A
BEGINNING GOLF

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Beginning Golf offers instruction and practice in basic golf skills, including swing, stance, and grip, as well as rules and golf course etiquette. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Formerly known as PE 062.
CSU, UC Program Applicable

Effective Spring 2027

KINE 043B
INTERMEDIATE GOLF

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Intermediate Golf emphasizes technique improvement in intermediate golf skills. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.
CSU, UC

Effective Spring 2027

KINE 043C
ADVANCED GOLF

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Advanced Golf emphasizes advanced techniques. This course provides students with the opportunity to develop advanced golf techniques in a practical and realistic atmosphere. Emphasis is on the social values of the game and an introduction to various scoring methods and types of tournament play.
CSU, UC

Effective Spring 2027

KINE 047A
BEGINNING YOGA

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Beginning Yoga helps students to increase flexibility and balance as well as practice relaxation and stress reduction through beginning Hatha Yoga techniques. The course focuses on safe, effective stretching, balance, stability of supporting muscle groups, and breathing techniques. Discussion regarding history and the traditions of Hatha Yoga as well as stress reduction takes place. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Formerly known as PE 098.
CSU, UC Program Applicable

Effective Spring 2027

KINE 047B
INTERMEDIATE YOGA

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Intermediate Yoga emphasizes the development of flexibility and balance while practicing relaxation and stress reduction through Hatha Yoga techniques. The course focuses on safe, effective stretching, balance, stability of supporting muscle groups, and breathing techniques. Intermediate poses and techniques are introduced to increase flexibility, strength, balance, and deeper levels of stress reduction. Discussion of the history and traditions of Hatha Yoga and stress reduction methods takes place. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.
CSU, UC

Effective Spring 2027

KINE 047C
ADVANCED YOGA

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Advanced Yoga emphasizes the development of flexibility and balance while practicing relaxation and stress reduction through Hatha Yoga techniques. The course focuses on safe, effective stretching, balance, stability of supporting muscle groups and breathing techniques. Advanced poses and techniques are introduced to increase flexibility, strength, balance, and deeper levels of stress reduction. Discussion of the history and traditions of Hatha Yoga takes place. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.
CSU, UC

Effective Spring 2027

KINE 054A
BEGINNING BASKETBALL

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Beginning Basketball offers instruction and practice in the basic skills of basketball with emphasis on individual skill development and team play. Basic fundamentals are highlighted, including passing, shooting, dribbling, offensive stance, and defensive stance. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Formerly known as PE 045.
CSU, UC Program Applicable

Effective Spring 2027

KINE 054B
INTERMEDIATE BASKETBALL

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Intermediate Basketball emphasizes an intermediate level of individual skills development, team play, defensive/offensive tactics, and team strategies. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness..
CSU, UC

Effective Spring 2027

KINE 054C
ADVANCED BASKETBALL

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Advanced Basketball focuses on advanced shooting, passing, and rebounding techniques and skills; offensive and defensive systems and team competitions are emphasized. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.
CSU, UC

Effective Spring 2027

KINE 057A
BEGINNING VOLLEYBALL

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Beginning Volleyball offers instruction and practice at the basic levels of volleyball with emphasis on the individual skills development of passing, setting, serving, blocking, spiking and digging, and team play. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Formerly known as PE 091.
CSU, UC Program Applicable

Effective Spring 2027

KINE 057B
INTERMEDIATE VOLLEYBALL

1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Intermediate Volleyball emphasizes the intermediate-level volleyball skills, tactics, and strategies. Students demonstrate intermediate skills through gameplay with peers. The course also covers fundamental principles of physical fitness and explores their impact on lifelong health and wellness.
CSU, UC

Effective Spring 2027
KINE 057C
ADVANCED VOLLEYBALL
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Advanced Volleyball emphasizes advanced volleyball techniques. Individual skills work, along with various team offensive systems and team defensive patterns, are taught and analyzed. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.
CSU, UC

Effective Spring 2027
KINE 058A
BEGINNING BADMINTON
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Beginning Badminton provides instruction and practice in the skills, strategies, and rules of singles and doubles badminton. Instruction includes demonstrations of basic fundamental skills, proper footwork, overhead and underhand strokes, and racquet grips. Students practice offensive and defensive strategies in a group setting while increasing levels of fitness and hand-eye coordination. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness. Formerly known as PE 043.
CSU, UC Program Applicable

Effective Spring 2027
KINE 058B
INTERMEDIATE BADMINTON
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Intermediate Badminton is designed to develop intermediate-level skills in both singles and doubles games. Students focus on individual stroke analysis, offensive and defensive strategies, court coverage, and match play in order to encourage a more powerful game. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.
CSU, UC

Effective Spring 2027
KINE 058C
ADVANCED BADMINTON
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Advanced Badminton is designed to help the advanced student improve specific skills and strategies in both singles and doubles games. Students work on refining their strokes and on analyzing/playing to their individual and team strengths and opponents' weaknesses. Students also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.
CSU, UC

KINE 101
INTRODUCTION TO KINESIOLOGY
3 Units
Total Lecture Hours: 54

This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. Formerly known as KIN 001.
CSU, UC Program Applicable
CMC GE: None, Cal-GETC: None
C-ID KIN 100

KINE 200
INTERCOLLEGIATE CONDITIONING AND SKILLS
1.5 Units
Total Lab Hours: 81

This off-season varsity training course provides instruction in preparation for intercollegiate competition. This course is required for students interested in playing on the Copper Mountain College varsity athletic teams. Students practice and refine specific sport skills and develop the physical stamina required to participate in intercollegiate athletics. Emphasis is placed on improving skill development, physical strength, muscular endurance, aerobic and/or anaerobic endurance, and increased muscular elasticity while reducing connective tissue injuries. Students are required to participate in strenuous physical activity and testing. Additional focus includes teamwork, mental preparation, injury prevention, nutrition,and recovery strategies for competitive success. To enroll in this course, students must present proof to the athletic department of physical and medical clearance by a licensed physician. This course may be taken for a total of three times for credit. Formerly known as VSO-001A, VSO-001B, VSO-003A, VSO-003B.
Prerequisite: Students wishing to enroll in this course must obtain prior instructor approval.
CSU, UC

KINE 203F
INTERCOLLEGIATE BASKETBALL
3 Units
Total Lab Hours: 162

This course is designed to provide specialized training for competition with other collegiate teams. Demonstration of fundamental and advanced skills, adherence to the rules and etiquette of basketball, and execution of team strategy will be expected of all students. This course will encompass the tournament and non-league portion of the season. Students wishing to enroll in this course must obtain prior instructor approval. To enroll in this course, students must present proof to the athletic department of physical and medical clearance by a licensed physician. This course may be taken for a total of three times for credit. Formerly known as VSM-002C, VSM-002D, VSW-002A, VSW-002B.
Prerequisite: Students wishing to enroll in this course must obtain prior instructor approval.
CSU, UC

KINE 203S
INTERCOLLEGIATE BASKETBALL CONDITIONING AND SKILLS
1.5 Units
Total Lab Hours: 81

This varsity training course provides instruction in preparation for intercollegiate competition. This course is required for students interested in playing on the Copper Mountain College varsity athletic teams. Students practice and refine specific sport skills and develop the physical stamina required to participate in intercollegiate athletics. Emphasis is placed on improving skill development, physical strength, muscular endurance, aerobic and/or anaerobic endurance, and increased muscular elasticity while reducing connective tissue injuries. Students are required to participate in strenuous physical activity and testing. Additional focus includes teamwork, mental preparation, injury prevention, nutrition, and recovery strategies for competitive success. This course may be taken for a total of three times for credit. Formerly known as VSO-001A, VSO-001B, VSO-003A. VSO-003B.
Prerequisite: KINE 203F or instructor approval.
CSU, UC

KINE 205F
INTERCOLLEGIATE CROSS COUNTRY

3 Units
Total Lab Hours: 162

This course introduces students to the development of skills for cross country running as well as biomechanics, exercise physiology, workout design, scouting, and procedures for administrating a college cross country meet. The course is designed for students who are participating in this sport and for those who may be interested in coaching cross country teams. Students wishing to enroll in this course must obtain prior instructor approval. To enroll in this course, students must present proof to the athletic department of physical and medical clearance by a licensed physician. This course may be taken for a total of three times for credit.

Prerequisite: Students wishing to enroll in this course must obtain prior instructor approval.
CSU, UC

KINE 205S
INTERCOLLEGIATE CROSS COUNTRY CONDITIONING AND SKILLS

1.5 Units
Total Lab Hours: 81

This varsity training course provides instruction in preparation for intercollegiate competition. This course is required for students interested in playing on the Copper Mountain College varsity athletic teams. Students practice and refine specific sport skills and develop the physical stamina required to participate in intercollegiate athletics. Emphasis is placed on improving skill development, physical strength, muscular endurance, aerobic and/or anaerobic endurance, and increased muscular elasticity while reducing connective tissue injuries. Students are required to participate in strenuous physical activity and testing. Additional focus includes teamwork, mental preparation, injury prevention, nutrition, and recovery strategies for competitive success.

Prerequisite: KINE 205F or instructor approval.
CSU, UC

KINE 212F
INTERCOLLEGIATE VOLLEYBALL

3 Units
Total Lab Hours: 162

This course provides student athletes with the opportunity to participate in intercollegiate volleyball during the official conference season of competition. Emphasis is placed on skill application, team strategies, and competitive performance in accordance with California Community College Athletic Association(3C2A) regulations. Students will engage in daily practices, strength and conditioning sessions, scouting and film study, and scheduled conference matches against other member colleges. Students wishing to enroll in this course must obtain prior instructor approval. To enroll in this course, students must present proof to the athletic department of physical and medical clearance by a licensed physician. This course may be taken for a total of three times for credit. Formerly known as VSW-002A, VSW-002B.

Prerequisite: Students wishing to enroll in this course must obtain prior instructor approval.
CSU, UC

KINE 212S
INTERCOLLEGIATE VOLLEYBALL CONDITIONING AND SKILLS

1.5 Units
Total Lab Hours: 81

This varsity training course provides instruction in preparation for intercollegiate competition. This course is required for students interested in playing on the Copper Mountain College varsity athletic teams. Students practice and refine specific sport skills and develop the physical stamina required to participate in intercollegiate athletics. Emphasis is placed on improving skill development, physical strength, muscular endurance, aerobic and/or anaerobic endurance, and increased muscular elasticity while reducing connective tissue injuries. Students are required to participate in strenuous physical activity and testing. Additional focus includes teamwork, mental preparation, injury prevention, nutrition, and recovery strategies for competitive success. This course may be taken for a total of three times for credit. Formerly known as VSO-001A, VSO-003A.

Prerequisite: KINE 212F or instructor approval.
CSU, UC

MATHEMATICS (MATH)

MATH C2210
CALCULUS I: EARLY TRANSCENDENTALS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

A first course in differential and integral calculus of a single variable. Topics include limits and continuity of functions, techniques and applications of differentiation, an introduction to integration, and the Fundamental Theorem of Calculus. This course is primarily intended for Science, Technology, Engineering, and Mathematics (STEM) majors. Students will learn rules for differentiating polynomial, rational, exponential, logarithmic, trigonometric,inverse trigonometric, and root functions, and applications such as related rates and optimization. The course includes calculator and/or computer usage. Formerly known as MATH 001A.

Prerequisite: Successful completion of high school precalculus; OR MATH 012 with a grade of "C" or better, OR MATH 010 PLUS MATH 005 with a grade of "C" or better.
CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: 2
C-ID MATH 210
C-ID MATH 900S = MATH 001A/MATH C2210 + MATH 001B/ MATH C2220

Deactivation Effective Spring 2027

MATH 001ASC
CALCULUS SUCCESS LAB - CREDIT

1 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH C2210, Calculus. This course provides just-in-time review of math concepts and additional support activities to be successful in MATH C2210. Formerly known as MATH 001ALS.

Corequisite: MATH C2210.

Deactivation Effective Spring 2027

MATH 101ASC
CALCULUS SUCCESS LAB - NONCREDIT

0 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH C2210, Calculus. This course provides just-in-time review of math concepts and additional support activities to be successful in MATH C2210. Formerly known as MATH 101ALS.

Corequisite: MATH C2210.

Effective Spring 2027

MATH 0410S
CALCULUS I: EARLY TRANSCENDENTALS SUPPORT - NONCREDIT

0 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH C2210, Calculus I. This course provides just-in-time review of math concepts and additional support activities to be successful in MATH C2210. Formerly known as MATH 101ALS, MATH 101ASC
Corequisite: MATH C2210.

Effective Spring 2027

MATH 2410S
CALCULUS I: EARLY TRANSCENDENTALS SUPPORT - CREDIT

1 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH C2210, Calculus I. This course provides just-in-time review of math concepts and additional support activities to be successful in MATH C2210. Formerly known as MATH 001ALS, MATH 001ASC.
Corequisite: MATH C2210.

MATH C2220
CALCULUS II: EARLY TRANSCENDENTALS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

A second course in differential and integral calculus of a single variable. Topics include applications of integration, techniques of integration, infinite sequences and series, and the calculus of parametric and polar equations. This course is primarily intended for Science, Technology, Engineering, and Mathematics(STEM) majors. Students will explore the definite integral, first order separable differential equations, modeling exponential growth and decay, and approximation of functions using Taylor series with remainder. The course includes calculator and/or computer usage. Formerly known as MATH 001B.
Prerequisite: MATH 001A/MATH C2210 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: 2
C-ID MATH 220
C-ID MATH 900S = MATH 001A/ MATH C2210 + MATH 001B/ MATH C2220

Deactivation Effective Spring 2027

MATH 001BSC
CALCULUS SUCCESS LAB - CREDIT

1 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH C2220, Calculus. This course provides just-in-time review of math concepts and additional support activities to be successful in MATH C2220. Formerly known as MATH 001BLS.
Corequisite: MATH C2220

Deactivation Effective Spring 2027

MATH 101BSC
CALCULUS SUCCESS LAB - NONCREDIT

0 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH C2220, Calculus. This course provides just-in-time review of math concepts and additional support activities to be successful in MATH C2220. Formerly known as MATH 101BLS.
Corequisite: MATH C2220

Effective Spring 2027

MATH 0420S
CALCULUS II: EARLY TRANSCENDENTALS SUPPORT - NONCREDIT

0 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH C2220, Calculus II. This course provides just-in-time review of math concepts and additional support activities to be successful in MATH C2220. Formerly known as MATH 101BLS, MATH 101BSC.
Corequisite: MATH C2220

Effective Spring 2027

MATH 2420S
CALCULUS II: EARLY TRANSCENDENTALS SUPPORT - CREDIT

1 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH C2220, Calculus II. This course provides just-in-time review of math concepts and additional support activities to be successful in MATH C2220. Formerly known as MATH 001BLS, MATH 001BSC.
Corequisite: MATH C2220

MATH 002A
MULTIVARIATE CALCULUS

5 Units
Total Lecture Hours: 90

This course extends the concepts of differentiation and integration introduced in the first two semesters of calculus to functions of two or more variables. Topics include solid Euclidean geometry; vector algebra in three dimensions; line and surface integrals; multiple integration in rectangular, cylindrical and spherical coordinates, extreme values; parameterized space curves and surfaces; directional derivatives; gradients; Green's theorem; divergence theorem; and Stokes' theorems. The course includes calculator and/or computer usage.
Prerequisite: MATH C2220 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: 2
C-ID MATH 230

MATH 002B
LINEAR ALGEBRA

4 Units
Total Lecture Hours: 72

This course provides a careful development of the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Also covered is a thorough investigation of the properties of vectors in two, three, and R^n dimensions, leading to the generalized notion of an abstract vector space. A complete treatment of vector space theory is presented including topics such as inner products, norms, orthogonality, eigenvalues, eigen spaces, and linear transformations. Selected applications of linear algebra are included. The course includes calculator and/or computer usage.
Prerequisite: MATH C2220 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: 2
C-ID MATH 250

MATH 002C
ORDINARY DIFFERENTIAL EQUATIONS

4 Units
Total Lecture Hours: 72

This course is an introduction to ordinary differential equations, including both quantitative and qualitative methods as well as applications from a variety of disciplines. It introduces the theoretical aspects of differential equations, including establishing when solutions exist and techniques for obtaining solutions, including series solutions, singular points, Laplace transforms, and linear systems. The course includes calculator and/or computer usage.

Prerequisite: MATH C2220 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: 2
C-ID MATH 240

MATH 004
DISCRETE STRUCTURES

3 Units
Total Lecture Hours: 54

This course introduces students to fundamental topics in computer science, including logic and Boolean algebra; proof techniques; sets; introduction to computer programming; basic counting rules; relations; functions and recursion; and graphs and probability trees. Students use calculators and computers to develop algorithms and solve mathematical problems.

Prerequisite: CS 089 and four-years of high school mathematics, including trigonometry and geometry with a minimum grade of "B" in the fourth year, or MATH 012 with a grade of "C" or better, or MATH 010 and MATH 005 with a grade of "C" or better.
CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: 2
C-ID COMP 152, MATH 160

MATH 005
TRIGONOMETRY

4 Units
Total Lecture Hours: 72

This is a course of study in the trigonometric functions with emphasis on periodic functions, trigonometric identities, solving trigonometric equations, graphical methods, inverse functions, solving triangles with applications including the Law of Sines and Cosines. Students will also study vectors.

CSU, Program Applicable
CMC GE: 2, Cal-GETC: None

MATH 010
COLLEGE ALGEBRA FOR LIBERAL ARTS

4 Units
Total Lecture Hours: 72

This is a function-oriented course that provides an in-depth investigation of linear, polynomial, rational, radical, absolute value, exponential, and logarithmic functions, including their graphs and behavior. Topics include inverse functions, determining zeros of polynomial functions, complex numbers, graph transformations, analytic geometry, systems of equations, and inequalities.

Prerequisite: Three years of high school math (including either Integrated Math III or two years of algebra and one year of geometry) completed within the last three years with grades of "B" or better, or the equivalent.
CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: 2

MATH 010SC
COLLEGE ALGEBRA FOR LIBERAL ARTS SUCCESS LAB - CREDIT

1 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH 010, College Algebra for Liberal Arts. This course provides just-in-time review of developmental math concepts and additional support activities to be successful in MATH 010. Formerly MATH 010SL.

Corequisite: MATH 010

MATH 110SC
COLLEGE ALGEBRA FOR LIBERAL ARTS SUCCESS LAB - NONCREDIT

0 Units
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH 010, College Algebra for Liberal Arts. This course provides just-in-time review of developmental math concepts and additional support activities to be successful in MATH 010. Formerly MATH 110SL.

Corequisite: MATH 010

MATH 012
PRECALCULUS & TRIGONOMETRY

6 Units
Total Lecture Hours: 108

This course studies the basic functions used in calculus: polynomial, absolute value, rational, root, exponential, logarithmic, trigonometric, and inverse trigonometric functions. Topics include recognizing, graphing, and solving equations and inequalities involving these functions, working with function notation, rates of change, transformations of functions, proofs related to trigonometric expressions and identities, trigonometric equations, solving right triangles, solving triangles using the law of cosines and the law of sines, analytic geometry and polar coordinates, introduction to vectors, and applications.

CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: 2
C-ID MATH 155

MATH 012SC
PRECALCULUS & TRIGONOMETRY SUCCESS LAB - CREDIT

1 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH 012 Precalculus & Trigonometry. Course provides just-in-time review of developmental math concepts and additional support activities to be successful in Precalculus & Trigonometry. Formerly MATH 012SL.

Corequisite: MATH 012

MATH 112SC
PRECALCULUS & TRIGONOMETRY SUCCESS LAB - NONCREDIT

0 Units
Total Lab Hours: 54

This laboratory course is taken concurrently with MATH 012 Precalculus & Trigonometry. Course provides just-in-time review of developmental math concepts and additional support activities to be successful in Precalculus & Trigonometry. Formerly MATH 112SL.

Corequisite: MATH 012

MATH 016
MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS

3 Units
Total Lecture Hours: 54

This course is designed for Elementary Education majors. Students' mathematical content knowledge will increase through in-depth exploration of topics in mathematics including the integers, rational numbers, real numbers, basic number theory, the history of numeration systems, and current national and state curriculum standards for mathematics.

CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: None
C-ID MATH 120

MUSIC (MUS)

MUS 005
HISTORY OF ROCK 'N' ROLL

3 Units
Total Lecture Hours: 54

This course is a survey of rock music. The focus is on the rock music, the musician, and the manner in which sociological, political, and economic conditions merged in the evolution of this musical art form.

CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3A

MUS 010
INTRODUCTION TO MUSIC

3 Units
Total Lecture Hours: 54

This course focuses on the major stylistic periods of Western art music from the Middle Ages until the end of the 20th century. Students will experience musical genres featured in North American and European concert halls. By studying contemporaneous social, political, and artistic movements and events, students will obtain a thorough appreciation of musical styles. Basic musical elements, terminology, voice categories, and instruments of the orchestra will be included.

CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3A
C-ID MUS 100

NURSING — NURSE ASSISTANT (NA)

NA 064
NURSE ASSISTANT

6 Units
Total Lecture Hours: 72
Total Lab Hours: 108

This course includes basic nursing principles used in the care of clients in long-term care facilities. The content addresses the basic needs of clients, concepts of ethics and confidentiality, techniques of communication, reporting and recording of observations and basic assessments, and performance of special treatments, procedures, and skills required for client care. Successful completion of the course results in eligibility to take the state approved test that leads to certification as a nursing assistant. Fingerprinting is required as per California Department of Health regulations. Course formerly known as HS 064.

NURSING (N) — REGISTERED

See page 104 for additional information.

N 010
NURSING FOUNDATIONS

5 Units
Total Lecture Hours: 45
Total Lab Hours: 135

This course provides an introduction to the fundamental aspects of nursing practice, organizing concepts and content concepts. The content of the course has a focus on safety, communication, the Nursing Process, and the normal physical and psychosocial assessment techniques for the adult and geriatric client. In addition, students are introduced to the geriatric aging process, influences of societal attitudes, health promotion, injury prevention, abuse, legal and ethical issues and cultural disparities. Students learn basic nursing skills and math skills necessary to provide care for the adult and geriatric client.

Prerequisite: Admission to the Associate Degree Nursing Program
CSU, Program Applicable

N 015
CONCEPTS OF NURSING PRACTICE I

5 Units
Total Lecture Hours: 45
Total Lab Hours: 135

This course introduces students to the integration of collaborate nursing care and patient advocacy care for the adult and geriatric patient with common, acute, and chronic health problems. Students concentrate on health promotion activities, focused assessments, administration of medications, and poly-pharmacy within a variety of settings.

Prerequisite: N 010 with a grade of "C" or better.
CSU, Program Applicable

N 020
CONCEPTS OF NURSING PRACTICE II

5 Units
Total Lecture Hours: 45
Total Lab Hours: 135

This course provides an introduction to patients with multiple disease processes. Students learn how to interpret patient data, implement current evidence-based plans of care that integrate prioritization, and organizational skills. Needs of the adult patient are addressed including identification of disease processes that disrupt the physiological, psychological, socio-cultural, and developmental status. Utilizing concepts of collaboration and coordination, students will care for patients in a variety of settings. (Formerly N 002B).

Prerequisite: N 015 with a grade of "C" or better.
CSU, Program Applicable

N 025
CONCEPTS OF MENTAL HEALTH NURSING

3.5 Units
Total Lecture Hours: 36
Total Lab Hours: 81

This course provides an introduction to psychiatric and mental health nursing, therapeutic communication techniques, and psychotropic medications for the adult and geriatric patient. Stress and coping mechanisms, disorders of cognition, mood and affect, and substance abuse are identified and examined. Students learn interventions to promote and support the emotional, mental and social wellbeing of the adult and geriatric patient experiencing mental health issues utilizing clinical reasoning skills. Community mental health nursing is also introduced.

Prerequisite: N 015 with a grade of "C" or better.
CSU, Program Applicable

N 030
CONCEPTS OF NURSING PRACTICE III

5 Units
Total Lecture Hours: 45
Total Lab Hours: 135

This course prepares students to care for the perioperative patient, and for complex patients with multiple disease processes. Students utilize the nursing process to organize plans of care integrating current best evidence based practices based on patient preferences and disease processes. Building on previous skills and knowledge, students expand their clinical reasoning skills to care for patients in a variety of healthcare settings.

Prerequisite: N 020, N 025 with a grade of "C" or better.
CSU, Program Applicable

N 035
CONCEPTS OF OBSTETRICAL NURSING WITH FAMILY HEALTH

2.25 Units
Total Lecture Hours: 22.5
Total Lab Hours: 54

This course provides an introduction to maternal infant nursing. Content will focus on normal findings and complications of the childbearing patient and newborn. Students learn the physical and emotional aspects of patient care, developmental stages, nutritional requirements, and pharmacological concepts needed to care for the childbearing patient, newborn, and family.
Prerequisite: N 020, N 025 with a grade of "C" or better.
CSU, Program Applicable

N 036
CONCEPTS OF PEDIATRIC NURSING

2.25 Units
Total Lecture Hours: 22.5
Total Lab Hours: 54

This course introduces students to family-centered care of pediatric patients. Students concentrate on common, acute, and chronic health problems in children in a variety of settings. Students also explore growth and development, pediatric assessment, pediatric medication administration, cognitive and mental health disorders, child abuse and health promotion teaching, and learning activities.
Prerequisite: N 020, N 025, with a grade of "C" or better.
CSU, Program Applicable

N 040
CONCEPTS OF NURSING PRACTICE IV

5 Units
Total Lecture Hours: 45
Total Lab Hours: 135

This course introduces students to high acuity patients and the knowledge required to provide nursing care in the critical care setting. Disaster preparedness, bioterrorism, and the role of a disaster nurse in a collaborative setting will be introduced. Students learn administration of critical care medications, managing and providing care for patients with life threatening conditions, and reducing the risk for developing complications related to current disease processes, treatments, and/or procedures. Formerly known as N 004A.
Prerequisite: N 030 with a grade of "C" or better.
CSU, Program Applicable

N 045
NURSING MANAGEMENT, LEADERSHIP, AND PRECEPTORSHIP

4 Units
Total Lecture Hours: 27
Total Lab Hours: 135

This course provides strategies and methods for incorporating management, delegation, and leadership responsibilities. Students learn the legal implications and consequences when nursing care, code of ethics, and or Patient Bill of Rights are compromised. At the end of this course, each student participates in a one-on-one, 135-hour specialized clinical experience utilizing all knowledge, skills, and attitudes gained throughout the Registered Nursing Program.
Prerequisite: N 040 with a grade of "C" or better.
CSU, Program Applicable

PHILOSOPHY (PHIL)

PHIL 006
INTRODUCTION TO PHILOSOPHY

3 Units
Total Lecture Hours: 54

This course is a chronological and thematic survey of philosophy from the ancient Greek period to the contemporary era. The cultural environments, historical milieus of great thinkers, and select philosophical works are considered in order to enhance students' understanding and appreciation of traditional Western and non-Western philosophical concepts. By the application of major theories in the disciplines of ethics, metaphysics, epistemology, aesthetics, ontology, and social and political philosophy, students will confront problems in a way that will stimulate critical thinking and develop their analytical skills.
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID PHIL 100

PHIL 010
INTRODUCTION TO LOGIC

3 Units
Total Lecture Hours: 54

This course introduces students to deductive and inductive reasoning. Students learn about truth, validity, and soundness as they pertain to deductive arguments; the syllogistic method; conditional reasoning; the structure and function of language in argumentation; Venn diagrams; formal and informal fallacies; sentential logic; truth tables; and the scientific method.
CSU, UC, Program Applicable
CMC GE: 1B, Cal-GETC: None
C-ID PHIL 110

PHIL 012
RELIGIONS OF THE WORLD

3 Units
Total Lecture Hours: 54

This course provides a historical and thematic introduction to the world's major religious traditions, including Hinduism, Jainism, Buddhism, Taoism, Confucianism, Shinto, Judaism, Christianity, Islam, and Sikhism. Consideration is also given to ancient indigenous religions, as well as more recently developed religious traditions like Christian Science, Scientology, and Falun Gong, among others. Students will examine a selection of scriptures from these traditions, and will consider how common themes and values may exist in different cultural contexts.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B, 4

PHIL 013
PERSPECTIVES ON DEATH AND DYING

3 Units
Total Lecture Hours: 54

This course introduces students to a broad array of themes associated with the death system in modern America, with major emphasis placed upon exploring death practices and attitudes of other cultures. Students consider both practical and philosophical aspects of death, including a critical analysis of such topics as developmental awareness of death; changes over time in mortality statistics; patient options in dealing with serious illness; funerals and body disposition; moral issues stemming from modern medical technology; suicide prevention; and the beliefs and customs of various world-wide cultures concerning death and the possibility of an afterlife. Field trip(s) may be offered throughout the course.
CSU, UC, Program Applicable
CMC GE: 3, 4, Cal-GETC: 3B

PHIL 014
INTRODUCTION TO ETHICS
3 Units
Total Lecture Hours: 54

This course provides students with an introduction to ethics, both as a philosophic discipline and as a practical foundation for making sound personal and professional decisions. Students will examine the concepts of right and wrong, and will apply moral values and moral reasoning to contemporary issues and the problems of daily life. A consideration of philosophers who have shaped the discipline will include a focus on such thinkers as Aristotle, Kant, and Mill.
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID PHIL 120

PHYSICAL EDUCATION (PE)

Also see KINE for Varsity Sports

Deactivation Effective Spring 2027

PE 043
BADMINTON
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

This course provides instruction and practice in the skills, strategies, and rules of singles and doubles badminton. Instruction will include demonstrations of basic fundamental skills, proper footwork, overhead and underhand strokes, and racquet grips. Students will practice offensive and defensive strategies in a group setting, while increasing levels of fitness and hand-eye coordination.
CSU, UC, Program Applicable

Deactivation Effective Spring 2027

PE 045
BASKETBALL
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

This course provides instruction and practice in the skills, strategies, and rules of basketball. Instruction includes fundamental skills, proper footwork, shooting form, defensive and offensive formations and plays. Students will practice proper techniques in body placement; balance and footwork when dribbling; passing, catching, and shooting the basketball while increasing levels of fitness and hand-eye coordination.
CSU, UC, Program Applicable

Deactivation Effective Spring 2027

PE 052
DANCE, AEROBIC/LOW IMPACT
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

This course will introduce and develop the basic knowledge and skills necessary to participate in low-impact aerobics as a fitness activity. Students will learn about basic fitness principles and engage in low-impact activities involving aerobic and exercise conditioning methods.
CSU, UC, Program Applicable

Deactivation Effective Spring 2027

PE 062
GOLF
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Students are introduced to the fundamentals of golf including the swing, rules, skills, strategies, and course etiquette. Instruction is focused on obtaining practical experience and developing skills.
CSU, UC, Program Applicable

Deactivation Effective Spring 2027

PE 091
VOLLEYBALL
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

Students are introduced to the game of volleyball. This course provides beginning, intermediate, and advanced instruction and practice in skills as well as offensive and defensive strategies. Students will learn the rules of officiating volleyball.
CSU, UC, Program Applicable

Deactivation Effective Spring 2027

PE 096
WEIGHT TRAINING
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

This course will introduce and develop the basic knowledge and skills necessary to participate in weight lifting as a fitness activity. Instruction will include demonstrations and lectures on physical fitness principles, benefits of physical activity, correct form and technique, safety, major muscles involved, and development of personal fitness programs.
CSU, UC, Program Applicable

Deactivation Effective Spring 2027

PE 098
YOGA
1 Unit
Total Lecture Hours: 9
Total Lab Hours: 27

This course provides beginning, intermediate and advanced instruction for individuals of all fitness levels who would like to increase their body/mind connection during movement. Students are introduced to the basic alignment and strength concepts of the body via the techniques of yoga. Special focus is placed on developing strength, endurance and correct body alignment in addition to flexibility and relaxation. Student can choose the credit/no credit or letter grade option.
CSU, UC, Program Applicable

PHYSICS (PH)

PH 001
INTRODUCTORY PHYSICS
4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course is an introduction to the basic concepts, theories, and principles of physics. Topics include mechanics, properties of matter, heat, electricity and magnetism, waves, and modern physics.
Prerequisite: Intermediate Algebra or equivalent as determined by multiple measures.
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C

PH 002A
COLLEGE PHYSICS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This is the first semester of the two-semester algebra-trigonometry-based physics sequence designed for any majors seeking a transfer degree in the biological sciences. Topics include 1, 2, and 3-dimensional motion, rotating systems, energy, momentum, equilibrium, Simple Harmonic Oscillator (S.H.O.), gravitation, thermodynamics, kinetic molecular theory, and fluid mechanics.
Prerequisite: MATH 012 with a "C" or better, or four years of high school mathematics including precalculus, completed in the last three years, with a minimum grade of "B" in the fourth year.
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID PHYS 105

PH 002B
COLLEGE PHYSICS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This is the second semester of the two-semester algebra-trigonometry-based physics sequence designed for any majors seeking a transfer degree in the biological sciences.
Prerequisite: PH 002A with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID PHYS 110

PH 004A
PHYSICS FOR SCIENTISTS AND ENGINEERS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This is the first semester of the three-semester calculus-based physics sequence designed for all majors seeking a degree in the sciences and engineering, including the computer fields. Core topics include 1-, 2-, and 3-dimensional motion; the conservation theorems for momentum, energy (potential and kinetic, including simple harmonic motion), and angular momentum; plane-polar, cylindrical- and spherical-polar coordinates; vector algebra and calculus; coordinate transformations; rotating systems, inertial and non-inertial coordinates; gravitation; planetary motion; and elementary fluid mechanics.
Prerequisite: MATH C2210
Corequisite: MATH C2220
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID PHYS 205

PH 004B
PHYSICS FOR SCIENTISTS AND ENGINEERS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This is the second semester of the three-semester calculus-based physics sequence designed for all majors seeking a degree in the sciences and engineering, including the computer fields. Core topics include thermodynamics, elementary statistical mechanics, electrostatics, magnetism, DC and AC circuits, and Maxwell's equations.
Prerequisites: PH 004A with a grade of "C" or better
Corequisite: MATH 002A
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID PHYS 210

PH 004C
PHYSICS FOR SCIENTISTS AND ENGINEERS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This is the third semester of the three-semester calculus-based physics sequence designed for all majors seeking a degree in the sciences and engineering, including the computer fields. Topics include the modern physics concepts of relativity, optics, and quantum physics.
Prerequisites: PH 004B, MATH 002A with a grade of "C" or better
Corequisite: MATH 002B
CSU, UC, Program Applicable
CMC GE: 5, Cal-GETC: 5A, 5C
C-ID PHYS 215

PH 005
COMPUTER PROGRAMMING FOR SCIENTISTS AND ENGINEERS

3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course is an introduction to the use of computer modeling for the solution of problems in the physical sciences and engineering through the structured implementation of algorithms on digital computers. The course introduces the use of pseudocode as a prelude for the development of computer modeling. The focus of the course is to gain proficiency in the use of a variety of computer-based software development tools and systems. The course includes a variety of numerical methods such as histograms, Monte-Carlo methods, statistical analysis, curve fitting, and numerical algorithms.
Corequisite: MATH 002A, PH 004B
CSU, UC, Program Applicable

POLITICAL SCIENCE (POLS)

POLS C1000
AMERICAN GOVERNMENT AND POLITICS

3 Units
Total Lecture Hours: 54

This course is an introduction to government and politics in the United States and California. Students examine the constitutions, structure, and operation of governing institutions, civil liberties and civil rights, political behaviors, political issues, and public policy using political science theory and methodology. Formerly known as PS 001.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID POLS 110

POLS 002
INTRODUCTION TO COMPARATIVE GOVERNMENT

3 Units
Total Lecture Hours: 54

This course is a comparative study of constitutional principles, governmental institutions, and domestic political issues of selected governments. Attention is given to the contemporary problems with transnational issues of established and emerging nations. Formerly known as PS 002
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID POLS 130

POLS 004
INTRODUCTION TO INTERNATIONAL RELATIONS

3 Units
Total Lecture Hours: 54

This course is an introduction to the nature of political relations among nations, including the basic factors that influence international relations. Students will examine the theory of international relations as it relates to national, international, subnational, and transnational actors. Emphasis will be placed on an examination of contemporary world politics and the emergence of terrorism as a political reality. Formerly known as PS 004.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID POLS 140

PSYCHOLOGY (PSYC)

PSYC C1000
INTRODUCTION TO PSYCHOLOGY

3 Units
Total Lecture Hours: 54

This course is an introduction to psychology, which is the study of the mind and behavior. Students focus on theories and concepts of biological, cognitive, developmental, environmental, social, and cultural influences; their applications; and their research foundations. Formerly known as PSY 001.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID PSY 110

PSYC 003
DEVELOPMENTAL PSYCHOLOGY

3 Units
Total Lecture Hours: 54

This course explores the human lifespan, emphasizing behavioral patterns found at each level of normal human development, including the interrelationships of psychological, sociological, cognitive, and physical development from birth through senescence. The implications for both personal development and professional practice are considered. Formerly known as PSY 003.
Advisory: ENG 003A/ENGL C1000, PSYC C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID PSY 180

PSYC 005
BEHAVIORAL AND SOCIAL SCIENCE RESEARCH METHODS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course surveys various social science research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the sub-disciplines of psychology and the social sciences. In laboratory sessions students will conduct experimental and non-experimental research in a variety of areas of social and behavioral science. Actual data collected from research conducted during laboratory sessions will be analyzed with statistical software. Formerly known as PSY 005.
Prerequisite: PSYC C1000 (for Psychology majors) or SOCI C1000 (for Sociology majors) AND SOCI 003 or STAT C1000
CSU, UC, Program Applicable
CMC GE: None, Cal-GETC: 4
C-ID PSY 205B, SOCI 120

PSYC 010
INTRODUCTION TO MARRIAGE AND FAMILY

3 Units
Total Lecture Hours: 54

This course is a sociological and psychological analysis of family as an institution, including historical and recent changes, present nature and the socio-cultural and economic forces shaping these changes. This course develops the student's repertoire of behavioral skills and an understanding of the principles governing marriage and family life, including communication, decision-making, human sexuality, divorce, single-parenting, alternative family lifestyles, coping with stress and physiological outcomes. Special attention is given to the history of the family and the ways economic, cultural, legal, and political forces have affected the family in the past, and affect the family in the present and the future. (A student who receives credit for PSYC 010 cannot receive credit for SOCI 010). Formerly known as PSY 010.
Advisory: PSYC C1000, SOCI C1000, and ENGL C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID SOCI 130

PSYC 012
HUMAN SEXUALITY

3 Units
Total Lecture Hours: 54

This course is an introductory overview of the field of human sexuality. Human sexuality is examined from psychological, biological, socio-cultural, and historical perspectives. Students are encouraged to be aware of their sexual attitudes, values, and behaviors as well as to evaluate the consistency of their behaviors within their own moral frameworks. Current sex norms and various aspects of interpersonal and individual sexual adjustment are explored. Formerly known as PSY 012.
Advisory: ENGL C1000, PSYC C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID PSY 130

PSYC 033
PERSONAL AND SOCIAL ADJUSTMENT

3 Units
Total Lecture Hours: 54

This course examines the development of personality and places emphasis upon the problems of adjustment encountered in such areas as school, family, the workplace, and community. In particular, students examine the causes of frustration and the process of learning adequate methods of coping in problematic situations. Topics will include a review of psychosocial development and life-span perspective. Formerly known as PSY 033.
Advisory: PSYC C1000
CSU, Program Applicable
CMC GE: 4, Cal-GETC: None
C-ID PSY 115

REAL ESTATE (REAL)

The California Department of Real Estate accepts credits earned from completed real estate courses to satisfy eligibility requirements to qualify for examinations for licensing as California Salesperson and/or Broker. Credits earned NEVER EXPIRE.

REAL 081
PRINCIPLES OF REAL ESTATE

3 Units
Total Lecture Hours: 54

This course is a study of California real estate principles as applied to the following areas: land economics; interests in the uses of land; land transfers; buying and selling of real estate; contracts, liens, and encumbrances; real estate finance; and preparation of the student for the professional goal of salesperson. Students must take this course to be eligible for the California real estate salesperson exam. Formerly known as BURE 081.
CSU, Program Applicable

REAL 082
REAL ESTATE ECONOMICS

3 Units
Total Lecture Hours: 54

This course examines factors that affect the value of real estate. Topics include the nature of land economics and the classification of properties; fluctuations in economic value; money and financing; government regulations and taxes; residential and nonresidential markets; real property; and special purpose property. The course applies toward the state's educational requirements for the broker's examination. Formerly known as BURE 082.
Advisory: REAL 081
Program Applicable

REAL 083A
REAL ESTATE PRACTICE

3 Units
Total Lecture Hours: 54

This course is a study of real estate as a career, the practical application of the real estate cycle, and orientation to specialized selling. The course emphasizes the role and functions of the broker and salesperson in the real estate office; the application of advertising techniques, listings, and valuations; locating buyers; property management; and leasing. Students explore the importance of public relations, personnel policies, and professional ethics. Students must take this course to be eligible for the California real estate salesperson exam. Formerly known as BURE 083A.
CSU, Program Applicable

REAL 084
LEGAL ASPECTS OF REAL ESTATE

3 Units
Total Lecture Hours: 54

This course provides instruction on the buying, selling, and management of real property. Students study California property law, community property, liens, sales contracts, escrow, commissions, transfers, licensing regulations, and public policy. This is one of the required courses to take the California Real Estate Broker's Exam. Formerly known as BURE 084.
Program Applicable

REAL 085
REAL ESTATE FINANCE

3 Units
Total Lecture Hours: 54

This course provides a thorough review of the practice and methods of real estate financing. Students learn about lending policies and problems in financing transactions in residential, apartment, commercial, and special purpose properties. This is one of the required courses to take the California Real Estate Broker's Exam. Formerly known as BURE 085.
Program Applicable

REAL 086
PRINCIPLES OF APPRAISING

3 Units
Total Lecture Hours: 54

This course explains the methods and techniques for analyzing data used in the valuation of real property. Case study methods are employed; field work and demonstration and/or form appraisal reports are required. Principles and theories of real estate valuations, as well as the approaches to value (cost, market, and income) are studied with an emphasis on residential properties. This is one of the required courses to take the California Real Estate Broker's Exam. Formerly known as BURE 086.
Program Applicable

REGISTERED NURSING (N)

See pages 157-158

SOCIAL WORK (SW)

SW 015
INTRODUCTION TO SOCIAL WORK

3 Units
Total Lecture Hours: 54

An introductory overview of social welfare and the societal institutions in the U.S. that structure the provision of social services. The course presents a historical perspective on the development of U.S. social work and human services. Special attention is given to current service delivery systems, major fields of practice, their policies and procedures, and the values, tasks, ethical responsibilities of culturally responsive social workers and human service workers within those settings. Students will be able to make an informed decision about whether to pursue further education in the profession of social work. Field trips may be offered throughout the course.
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: None
C-ID SWHS 110

SOCIOLOGY (SOCI)

SOCI C1000
INTRODUCTION TO SOCIOLOGY

3 Units
Total Lecture Hours: 54

This course introduces students to Sociology: the study of people, groups, and institutions that shape people's lives. Through a mix of theory, research, and real-world examples, students explore key sociological concepts like culture, inequality, power, collective action, and social change. With content reflecting diverse histories and lived experiences, students make connections between their lives and the social forces that influence individual opportunities and choices. Students in this course will develop a critical lens that allows them to better understand and transform themselves and society. Topics typically include the analysis and explanation of social order and stratification through an understanding of social structure, diversity, group dynamics, socialization and the self, and global dynamics. Course objectives include the ability to apply sociological ideas to everyday life. Formerly known as SOC 001.
Prerequisite: ENGL C1000 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID SOCI 110

SOCI 002
SOCIAL PROBLEMS

3 Units
Total Lecture Hours: 54

This course identifies and analyzes contemporary social problems, including the role of power and ideology in the definition of social problems, their causes and consequences, evaluations of proposed solutions, and methods of intervention. Topics will vary. Special attention is given to the interpretation of relevant quantitative data. Formerly known as SOC 002.

Advisory: SOCI C1000, ENGL C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID SOCI 115

SOCI 003
FUNDAMENTALS OF STATISTICS

4 Units
Total Lecture Hours: 54
Total Lab Hours: 54

This course is an introduction to descriptive and inferential statistics. Students learn how to use measures of central tendency and dispersion among population samples to draw inferences about a population and to compare two or more populations. Discrete and continuous probability density distributions are analyzed, including the binomial, normal, Student-t, chi-squared, and F-distributions. Confidence intervals for population means, proportions, and variance are determined. Additional topics include regression and correlation analysis and techniques of hypotheses testing, including Analysis of Variance (ANOVA). The course includes application of technology for statistical analysis and the interpretation of the relevance of the statistical findings. Applications use data from disciplines that include business, social sciences, psychology, life science, health science, and education. Software applicable to sociology and/or other social science data is required. With respect to appropriateness and relevance, students will evaluate published reports that are representative of the variety of ways statistical methods and data are used to support conclusions. Formerly known as SOC 003.

Prerequisite: ACCT 001 or PSYC C1000 or SOCI C1000 with a grade of "C" or better
Advisory: ENGL C1000
CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: 2
C-ID SOCI 125, MATH 110

SOCI 004
SOCIOLOGICAL ANALYSIS AND CRITICAL THINKING

3 Units
Total Lecture Hours: 54

This course provides instruction in the principles of critical analysis and the composition of reasoned,written responses to a variety of social issues that fall within the scope of sociology, anthropology, economics, education, politics, criminology, biology, and the physical sciences. Both deductive and inductive forms of reasoning are studied, including common formal and informal fallacies. Note: The total writing in this course ranges somewhere between 8,000 and 10,000 words, including essay exams. Formerly known as SOC 004.

Prerequisite: PSYC C1000 or SOCI C1000; and ENGL C1000 with a grade of "C" or better
Advisory: SOCI 003
CSU, UC, Program Applicable
CMC GE: 1B, Cal-GETC: 1B

SOCI 010
INTRODUCTION TO MARRIAGE AND FAMILY

3 Units
Total Lecture Hours: 54

This course is a sociological and psychological analysis of family as an institution, including historical and recent changes, present nature and the socio-cultural and economic forces shaping these changes. This course develops the student's repertoire of behavioral skills and an understanding of the principles governing marriage and family life, including communication, decision-making, human sexuality, divorce, single-parenting, alternative family lifestyles, coping with stress and physiological outcomes. Special attention is given to the history of the family and the ways economic, cultural, legal, and political forces have affected the family in the past, and affect the family in the present and the future. (A student who receives credit for PSYC 010 cannot receive credit for SOCI 010). Formerly known as SOC 010.

Note: A student who receives credit for SOCI 010 cannot receive credit for PSYC 010.
Advisory: SOCI C1000 or PSYC C1000, and ENGL C1000
CSU, UC Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID SOCI 130

SOCI 014
INTRODUCTION TO RACE AND ETHNICITY

3 Units
Total Lecture Hours: 54

This course is a comprehensive study of Arab, Asian, African, European, Latinx/Chicano, Multiracial, and Native American groups in the United States, focusing on sociological analyses of race, ethnicity, and racism. Students examine the cultural, political, and economic practices and institutions that support or challenge racism, racial, and ethnic inequalities, as well as historical and contemporary patterns of interaction among various racial and ethnic groups. Formerly known as SOC 014.

Note: A student who receives credit for SOCI 014 cannot receive credit for EGSJ 014.
Advisory: SOCI C1000 and ENGL C1000
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: 4
C-ID SOCI 150

SPANISH (SPAN)

SPAN 001
ELEMENTARY SPANISH I

5 Units
Total Lecture Hours: 90

This course introduces students to the fundamentals of the Spanish language and culture. Students develop their language skills in listening comprehension, speaking, reading, writing while building on vocabulary and grammar components. The knowledge build includes an introduction to the history and cultures of select Spanish-speaking areas and countries. Students will utilize authentic language in cultural contexts. Students are required to use technology to complete audio and various assignments.

Advisory: CIS 070A
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: None
C-ID SPAN 100

SPAN 002
ELEMENTARY SPANISH II

5 Units
Total Lecture Hours: 90

This course further develops the fundamentals of the Spanish language and culture. Students continue their Spanish language skills, abilities, and knowledge in listening comprehension, speaking, reading, and writing, while building on new vocabulary and grammar components. The knowledge build continues to focus on the history and cultures of select Spanish-speaking areas and countries, including supplemental activities outside of class to reinforce student learning, e.g. language lab equivalent, in-person/online tutoring sessions. Students will further utilize authentic language in cultural contexts. Students are required to use technology to complete audio and various assignments.

Prerequisite: SPAN 001 with a grade of "C" or better, or 2 or more years of high school Spanish with an average of "C" or better, or equivalent as determined by multiple measures.
Advisory: CIS 070A
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: None
C-ID SPAN 110

SPAN 003
INTERMEDIATE SPANISH I

4 Units
Total Lecture Hours: 72

This course continues and strengthens students' Spanish language skills in oral communication, grammatical construction, vocabulary and expressions build, listening comprehension, reading comprehension, and writing skills. Students focus on various Spanish-speaking cultures with particular attention paid to historical, social, economic, political, and artistic influences. This course is part of a series based on the American Council on the Teaching of Foreign Languages Proficiency Guidelines. Students are required to use a computer with internet access with supported technology and purchase an access code in order to complete class assignments.

Advisory: CIS 070A
Prerequisite: SPAN 002 or equivalent with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID SPAN 200

SPAN 004
INTERMEDIATE SPANISH II

4 Units
Total Lecture Hours: 72

This class continues to strengthen students' Spanish language skills in oral communication, grammatical information, vocabulary and expressions build, listening comprehension, reading comprehension, and writing skills. Cultural focus of the Spanish-speaking world is emphasized. Students continue to develop their knowledge of historical, social, economic, political and artistic influences. Students express and defend ideas and opinions in the target language, using increasingly effective communication skills. Students will continue to demonstrate the ability to think critically by analyzing linguistic structures and reflecting on and making cross-cultural comparisons. This course is part of a series based on the American Council on the Teaching of Foreign Languages proficiency guidelines. Students are required to use a computer with internet access and supported technology; and purchase an access code in order to complete class assignments.

Advisory: CIS 070A
Prerequisite: SPAN 003 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID SPAN 210

SPEECH (SP) SEE COMM

STATISTICS (STAT)

STAT 0400S
INTRODUCTION TO STATISTICS SUCCESS LAB - NONCREDIT

0 Units
Total Lab Hours: 54

This laboratory course is taken concurrently with STAT C1000, Introduction to Statistics. It provides just-in time review of developmental math concepts and additional support activities to be successful in Introduction to Statistics. Formerly known as MATH 114SL, MATH 114SC.

Corequisite: STAT C1000

STAT 1400S
INTRODUCTION TO STATISTICS SUCCESS LAB - CREDIT

1 Unit
Total Lab Hours: 54

This laboratory course is taken concurrently with STAT C1000, Introduction to Statistics. It provides just-in time review of developmental math concepts and additional support activities to be successful in Introduction to Statistics. Formerly MATH 014SL, MATH 014SC.

Corequisite: STAT C1000

STAT C1000
INTRODUCTION TO STATISTICS

4 Units
Total Lecture Hours: 72

This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines. Discrete and continuous probability density distributions are analyzed, including the binomial, normal, Student-t, chi-squared, and F-distributions. Confidence intervals for population means, proportions, standard deviation, and variance are determined. Formerly known as MATH 014.

Prerequisite: Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.
CSU, UC, Program Applicable
CMC GE: 2, Cal-GETC: 2
C-ID MATH 110

STUDENT DEVELOPMENT (STDV)

STDV 001
NEW STUDENT ORIENTATION

0 Units
Total Lecture Hours: 1

In this noncredit course, students will learn about Copper Mountain College's (CMC) educational programs and services, academic expectations, policies and procedures, as well as additional tools and information for successful navigation through CMC.

STDV 062
INTRODUCTION TO SCHOLARSHIPS
1.5 Units
Total Lecture Hours: 18
Total Lab Hours: 27

This course introduces students to an organized process for the searching of scholarship awards. The course guides students through the utilization of books, software, and Internet sites that offer scholarships. Students learn to write personal statements, develop scholarship résumés, request application materials, enlist letters of recommendation, complete application forms, and create appropriate thank you letters. Utilizing a step-by-step approach, students create and maintain portfolios, track application progress, and gain successful scholarship awards suited to their own personal career goals. Students may choose the credit/no credit grading option.
Advisory: CIS 070A or proficiency in word processing

STDV 065
COLLEGE AND PERSONAL SUCCESS
3 Units
Total Lecture Hours: 54

This course provides an exploration of the intellectual, psychological, emotional, social and physical factors that impact lifelong learning, well-being, and success in college and in life. Students combine knowledge of college resources, college expectations, and personal learning styles to create individualized study and test taking strategies. Personal responsibility, self-motivation, interdependence, and emotional intelligence will be explored and applied to promote lifelong learning. Self-awareness techniques and mindfulness practices to improve metacognition and general well-being are presented. Plans to manage time, health, and money are also investigated.
CSU, UC, Program Applicable
CMC GE: 4, Cal-GETC: None

THEATRE ARTS (TA)

TA 001
INTRODUCTION TO THEATRE
3 Units
Total Lecture Hours: 54

This course focuses on the relationship of theatre to various cultures throughout history, and on the contributions of significant individual artists. This course introduces students to elements of the production process including playwriting, acting, directing, design, and criticism. Students will also survey different periods, styles and genres of theatre through play reading, discussion, films and viewing and critiquing live theatre, including required attendance of theatre productions.
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: 3B
C-ID THTR 111

TA 002
ACTING I
3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course prepares a student to apply basic acting theory to performance and develops the skills of interpretation of a script through acting. Special attention is paid to skills for performance: memorization, stage movement, vocal production, and interpretation of text. Formerly known as TA 002A.
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: None

TA 003
ACTING II
3 Units
Total Lecture Hours: 36
Total Lab Hours: 54

This course follows Acting I and continues the exploration of theories and techniques used in preparation for the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, and scene.
Prerequisite: TA 002 with a grade of "C" or better
CSU, UC, Program Applicable
CMC GE: 3, Cal-GETC: None

VARSITY SPORTS SEE KINE

VOCATIONAL NURSING (VN)

See pages 105-106 for additional information.

VN 010
VOCATIONAL NURSING I
9 Units
Total Lecture Hours: 90
Total Lab Hours: 216

This course introduces concepts related to the role of the vocational nurse, basic legal and ethical considerations, communication, confidentiality, and an opportunity for the practice and application of skills needed to meet the geriatric client's basic needs for maintenance of optimal wellness. Using a nursing process format, students learn basic skills and gain experience in the Nursing Resource Lab (NRL) and in skilled nursing facilities. A foundation in normal growth, development, and nutrition are included with an emphasis on the special needs and health care concerns of the geriatric client, and clients with common alterations in the function of the integumentary system. This course replaces VN 001 and VN 001L.
Prerequisite: BIOL 022, BIOL 023, HS 065, and PSYC 003 with a grade of "C" or better. Admission to the program.
Program Applicable

VN 020
VOCATIONAL NURSING II
16 Units
Total Lecture Hours: 162
Total Lab Hours: 378

Building on the concepts presented in VN-010, this course introduces content and provides opportunities for students to care for clients with alterations in function related to the musculoskeletal, respiratory, cardiac, peripheral vascular, endocrine, upper and lower gastrointestinal, urinary, reproductive, sensory and neurological, and immune systems. Nursing support for the surgical client and those receiving palliative care is also covered. The course emphasizes the nursing process and client assessment. This course replaces VN 002 and VN 002L.
Prerequisite: VN 010 with a "C" or better.
Program Applicable

VN 030
VOCATIONAL NURSING III

15.6 Units
Total Lecture Hours: 162
Total Lab Hours: 356.4

VN 030 introduces maternal and newborn nursing and pediatrics. Students are given the opportunity to provide basic care in a variety of settings, including hospitals. This course reviews acute alterations in function for all systems with emphasis on the pediatric client. Advanced concepts in medical/surgical nursing and care of clients experiencing alterations in mental health are also included. Finally, this course introduces the concepts and practice of leadership and supervision in vocational nursing. Formerly known as VN 003 and VN 003L. Fees are required for licensing $300 and fingerprinting $50.
Prerequisite: VN 020 with a grade of "C" or better
CSU, Program Applicable

WATER TECHNOLOGY (WTEC)

WTEC 040
CAREER PATHWAYS IN WATER TECHNOLOGY

3 Units
Total Lecture Hours: 54

This course provides an introduction into the water industry and highlights career pathways. Students learn about position qualifications and the state certification requirements. Current water industry challenges and solutions are examined in relevancy to future industry needs. Students also prepare for the job recruitment process.
CSU, Program Applicable

WTEC 049
CALCULATIONS IN WATER/WASTEWATER TECHNOLOGY

3 Units
Total Lecture Hours: 54

This course presents and meets requirements for entry- to intermediate-level mathematical calculations used in the operation and evaluation of conventional water/wastewater treatment processes and water distribution systems. Students study basic geometry, metric conversions, flows, pressure, and chemical dosage as they relate to the water/wastewater industry. Materials parallel State of California certification examinations.
CSU, Program Applicable

WTEC 052
FUNDAMENTALS OF WATER AND WASTEWATER

3 Units
Total Lecture Hours: 54

This course introduces students to the water and wastewater fields and issues confronting the industry. Students learn how source waters are obtained, treated, and distributed and how wastewater is collected, transported, and disposed of in the area. Contemporary issues facing the water and wastewater industry are explored. Field trip(s) may be included.
CSU, Program Applicable

WTEC 053
WATER DISTRIBUTION SYSTEMS

3 Units
Total Lecture Hours: 54

This course provides an introduction to water utility system operations and maintenance. Students explore the principles of pressure pipe systems and the hydraulics involved in their operation. This course focuses on the design, installation, operation, and maintenance of basic elements of water systems, including pipes, pumps, valves, meters, and related hydraulic units. Students compose a holistic operational plan based on evaluation of operations, maintenance, and safety programs. This course prepares students for the State of California - Water Distribution Operator Grade I, Grade II, and Grade III exams. Field trip(s) may be included.
CSU, Program Applicable

WTEC 054
BASIC PLANT OPERATIONS: WASTEWATER TREATMENT

3 Units
Total Lecture Hours: 54

This course provides an introduction to conventional wastewater treatment plant operations. Topics covered include: the various origins and characteristics of wastewater; an overview of wastewater collections systems; preliminary treatment; primary treatment; secondary treatment including activated sludge and fixed film; treatment ponds; disinfection; and laboratory procedures. Emphasis is given to the role of the operator through evaluation and analysis of problems typical of those found in Operator Certification examinations. Field trip(s) may be included.
CSU, Program Applicable

WTEC 055
BASIC PLANT OPERATIONS: WATER TREATMENT

3 Units
Total Lecture Hours: 54

This course provides an introduction to water treatment plant operations in accordance with the Safe Drinking Water Act (SDWA). Subject matter includes major provisions of the SDWA and its amendments; basic water chemistry; source water assessment; conventional treatment processes; treated water stability; waterborne diseases; public health protection; disinfection; and an introduction to math skills equivalent to those required of State of California Grade II water treatment plant operators. This class is helpful to those preparing for the Grade I and Grade II state examination. Field trip(s) may be included.
CSU, Program Applicable

WTEC 140
CAREER PATHWAYS IN WATER TECHNOLOGY - NONCREDIT

0 Units
Total Lecture Hours: 54

This course provides an introduction into the water industry and highlights career pathways. Students learn about position qualifications and the state certification requirements. Current water industry challenges and solutions are examined in relevancy to future industry needs. Students also prepare for the job recruitment process.

WTEC 149
CALCULATIONS IN WATER/WASTEWATER TECHNOLOGY - NONCREDIT

0 Units
Total Lecture Hours: 54

This course presents and meets requirements for entry- to intermediate-level mathematical calculations used in the operation and evaluation of conventional water/wastewater treatment processes and water distribution systems. Students study basic geometry, metric conversions, flows, pressure, and chemical dosage as they relate to the water/wastewater industry. Materials parallel State of California certification examinations.

WTEC 152
FUNDAMENTALS OF WATER AND WASTEWATER - NONCREDIT

0 Units
Total Lecture Hours: 54

This course introduces students to the water and wastewater fields and issues confronting the industry. Students learn how source waters are obtained, treated, and distributed and how wastewater is collected, transported, and disposed of in the area. Contemporary issues facing the water and wastewater industry are explored. Field trip(s) may be included.

WTEC 153
WATER DISTRIBUTION SYSTEMS - NONCREDIT

0 Units
Total Lecture Hours: 54

This course provides an introduction to water utility system operations and maintenance. Students explore the principles of pressure pipe systems and the hydraulics involved in their operation. This course focuses on the design, installation, operation, and maintenance of basic elements of water systems, including pipes, pumps, valves, meters, and related hydraulic units. Students compose a holistic operational plan based on evaluation of operations, maintenance, and safety programs. This course prepares students for the State of California - Water Distribution Operator Grade I, Grade II, and Grade III exams. Field trip(s) may be included.

WTEC 154
BASIC PLANT OPERATIONS: WASTEWATER TREATMENT - NONCREDIT

0 Units
Total Lecture Hours: 54

This course provides an introduction to conventional wastewater treatment plant operations. Topics covered include: the various origins and characteristics of wastewater; an overview of wastewater collections systems; preliminary treatment; primary treatment; secondary treatment including activated sludge and fixed film; treatment ponds; disinfection; and laboratory procedures. Emphasis is given to the role of the operator through evaluation and analysis of problems typical of those found in Operator Certification examinations. Field trip(s) may be included.

WTEC 155
BASIC PLANT OPERATIONS: WATER TREATMENT - NONCREDIT

0 Units
Total Lecture Hours: 54

This course provides an introduction to water treatment plant operations in accordance with the Safe Drinking Water Act (SDWA). Subject matter includes major provisions of the SDWA and its amendments; basic water chemistry; source water assessment; conventional treatment processes; treated water stability; waterborne diseases; public health protection; disinfection; and an introduction to math skills equivalent to those required of State of California Grade II water treatment plant operators. This class is helpful to those preparing for the Grade I and Grade II state examination. Field trip(s) may be included.

WORK EXPERIENCE — GENERAL (WEG)

WEG 080
WORK EXPERIENCE - GENERAL

1 Unit
Total Lab Hours: 75 hrs for paid or 60 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees. Students gain career awareness in this course. Credit for Work Experience General courses may be accrued at the rate of one to six units per semester for a maximum of sixteen units.

WEG 081
WORK EXPERIENCE - GENERAL

2 Units
Total Lab Hours: 150 hrs for paid or 120 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees. Students gain career awareness in this course. Credit for Work Experience General courses may be accrued at the rate of one to six units per semester for a maximum of sixteen units.

WEG 082
WORK EXPERIENCE - GENERAL

3 Units
Total Lab Hours: 225 hrs for paid or 180 hrs of unpaid

This work experience course provides supervised employment to assist students in acquiring desirable work habits, attitudes, and skills to enable them to become productive employees. Students gain career awareness in this course. Credit for Work Experience General courses may be accrued at the rate of one to six units per semester for a maximum of sixteen units.

FACULTY CODE OF ETHICS

Guided by a profound belief in and respect for the inherent dignity and worth of each individual in the culturally diverse community we serve, the faculty at Copper Mountain College endeavor to:

- place as their highest priority excellence in teaching, continually striving to improve scholarly and professional competence, maintaining personal and academic integrity, and accepting the role of intellectual guide and facilitator;
- encourage the free pursuit of learning, honoring the confidential nature of the relationship between instructor and student, avoiding exploitation of students for private advantage, and holding before them high scholarly standards for their discipline and appreciation and respect for others;
- accept accountability for maintaining honest academic conduct, high standards of performance, and evaluation that reflects the true merit of students, courses, programs, and services;
- accept the obligations associated with membership in a community of scholars that includes practicing, fostering and defending intellectual honesty, freedom of inquiry and instruction, social responsibility, and respect for the opinion of others, and;
- acknowledge the rights and obligations associated with the role of citizens within the community ensuring that views expressed within that society are represented as those of a private citizen rather than those of a spokesperson for the College.

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FACULTY EMERITI

Emeritus Status is granted by the Board of Trustees to recognize exemplary service to the District over an extended period of time and encourage continued support and participation in college activities.

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1028 Veterinary Clinic
1075 Car Wash
1078 Enterprise Rent-A-Car
1083 Auto Skills Center
1083 Combat Auto Parts
1090 Marine Palms Laundromat
1090 Marine Mart Gas Station
1435 Post Office
1502 GNC
1502 Marine Corps Exchange
1515 Frontwave Credit Union
1517 Game Stop
1591 Dental Clinic
1863 MCCES Marine Mart
3811 Desert Winds Pro Shop
3853 Ocotillo Gas Station

FOOD, LODGING & CLUBS
690 Inns of the Corps Desert View
1024 Five Guys
1081 DiCarlo's Italian Restaurant
1082 Carl's Jr
1088 Inns of the Corps Mountain View
1502 Food Court
1502 Starbucks
1517 Jersey Mike's Subs
1531 Excursions Enlisted Club
1532 Bottoms Up
1532 Domino's Pizza
1565 Transient Housing Division
1573 Brass & Rockers
1573 Frontline Restaurant
1584 Game Time Grill
1863 Coyote Grill

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697 Family Pool
801 Intramural Sports, Fields & Grounds
1004 Community Center and Youth Sports
1262 Outdoor Adventures
1262 Paintball Park
1342 Wood Hobby Shop
1508 Training Tank
1510 Sunset Cinema
1518 West Gym
1532 Single Marine Program
1533 Wilburn Gym & Warrior Performance
1576 Hill Top Pool
1584 Sandy Hill Lanes Bowling
1588 East Gym
3811 Desert Winds Golf Course

MARINE & FAMILY
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693 FOCUS
693 Navy Marine Corps Relief Society
693 Retired Activities Office
693 ASYMCA/Thrift Store
694 New Horizons Child Development Center
1089 Stepping Stones Child Development Center
1417 Sexual Assault Prevention & Response
1437 Substance Abuse Counseling
1438 Family Community Counseling
1438 New Parent Support Program
1447 Exceptional Family Member Program
1522 Marine Corps Family Team Building (LINKS, Lifeskills, Volunteers)
1524 Combat Center Library
1526 Career Resource Office
1526 Information and Referral
1526 Personal Financial Management Program
1530 Education Center

MCCS/MCAGCC
1003 Lincoln Military Housing
1024 MCCS Warehouse
1024 Marketing, Sponsorship and Special Events
1102 Sato Travel & TMO
1107 Vending
1407 PMO
1427 MCCS Finance
1433 MCCS Human Resources
1459 DEERS Office
1515 SJA
1522 MCCS Directorate
1554 MCAGCC HQ
1559 HQ Conference Room

Current as of 12/2021

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