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# Addendum to the 2020-2021 Catalog

Additions, Modifications and Corrections occurring after publication of the Catalog (July 13, 2020). **Unless otherwise noted, all Additions, Modifications and Corrections are effective Fall 2020.**

November 16, 2020

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**Comments**

Revised AdministratorsΔ

**CUYAMACA COLLEGE ADMINISTRATION**

Julianna Barnes, Ed.D. ....	President
Nicole Salgado.....	Interim Vice President, Administrative Services
Patrick Setzer.....	Vice President, Instruction
Jessica Robinson, Ed.D.....	Vice President, Student Services
Brianna Hays .....	Senior Dean, Institutional Effectiveness, Success & Equity
Christianne Penunuri .....	Director, College & Community Relations
Alicia Muñoz .....	Dean, Arts, Humanities & Social Sciences (Art, American Sign Language, Communication, English, English as a Second Language, History, Social and Behavioral Sciences, Humanities, Philosophy and Religious Studies, Performing Arts, World Languages)
Patrick Thiss .....	Interim Dean, Athletics, Kinesiology & Health Education (Kinesiology/Fitness Center, Health Education)
Larry McLemore.....	Dean, Career Education (Automotive Technology, Business and Professional Studies, Center for Water Studies, Child Development, CADD Technology & Surveying, CIS & Graphic Design, Environmental Health & Safety Management, Ornamental Horticulture)
Nicole Jones .....	Dean, Counseling Services
Kerry Kilber Rebman.....	Dean, Learning & Technology Resources
Pamela Kersey, Ed.D.....	Dean, Math, Science & Engineering (Mathematical Sciences, Science/Engineering)
Lauren Vaknin, Ed.D.....	Dean, Student Affairs
Jesús Miranda .....	Dean, Student Equity & Engagement
Agustín Orozco .....	Associate Dean, Student Services and Special Programs
Gregory Vega .....	Director, Admissions & Records
Francisco Gonzalez .....	Director, Campus Facilities, Operations & Maintenance
Ray Reyes .....	Director, Financial Aid
John Escobedo, Ph.D.....	Director, Title V Activities
Michael Gilchrist .....	Manager, Campus Bookstore

**GROSSMONT-CUYAMACA COMMUNITY COLLEGE DISTRICT ADMINISTRATION**

Lynn Ceresino Neault, Ed.D. ....	Chancellor
Sahar Abushaban .....	Interim Vice Chancellor, Business Services
Tim Corcoran .....	Vice Chancellor, Human Resources
Todd McDonald .....	Associate Vice Chancellor, Business Services
Craig Leedham, Ph.D. ....	Associate Vice Chancellor, Human Resources
Linda Bertolucci .....	Sr. Director, Purchasing, Contracts & Ancillary Services
Ken Emmons .....	Sr. Director, Districtwide Facilities
Jennifer Fujimoto .....	Sr. Director, Fiscal Services
Nicole Conklin .....	Director, Campus & Parking Services
Anne Krueger.....	Director, Communications & Public Information
Cynthia K. Nagura .....	Director, Community & Workforce Partnerships
Jerry Williamson.....	Director, Computer Services
Michael Carr .....	Director, Enterprise Systems
Alyssa Brown, Ed.D. ....	Director, Human Resources
Anaid NorthcraftΔ.....	Director, Human Resources, Benefits
Kristine Ogden .....	Director, Payroll
Steve Abat .....	Director, Technical Services
Sally Cox.....	Chief Executive Officer, Foundation for Grossmont & Cuyamaca Colleges
Dana Rivers .....	Director of Development, Foundation for Grossmont & Cuyamaca Colleges

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Comments

**Added voter registration information#**

**Additional voting and voter registration information added△**

Register to Vote

<https://www.sos.ca.gov/elections/voter-registration/>

Voter Registration Deadlines for Upcoming Elections

Election Date	Your registration must be postmarked or submitted electronically no later
November 3, 2020	October 19, 2020

For information on early voting dates, please access the Registrar of Voters website at (<https://www.sdvote.com/>).

Please note that the dates, times, and location for early voting and conditional voter registration may be confirmed on the website of the Secretary of State’s website (<https://www.sos.ca.gov/elections>) or at the San Diego Registrar of Voters election office (<https://www.sdvote.com/>).

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**Comments:**

Language added; "GI Bill®" is a registered trademark of the U.S. Department of Veterans Affairs (VA). Δ

**VETERANS SERVICES**

Upon filing an application for admission to Cuyamaca College, a veteran should immediately contact the Veterans Certifying Official in the Veterans Center (I-113). Military form DD-214 must be presented to the Veterans Office in order to take advantage of veteran's benefits.

Veterans must request official transcripts of all previous college work, including military transcripts of service (AART, CGIT, CCAF or JST), be sent to the Admissions and Records Office. All transcripts must be received and evaluated before enrollment will be submitted to Veterans Affairs for educational benefits. An official transcript is one that has been sent directly to Cuyamaca College from the issuing institution or one that is hand carried in a sealed envelope. Students not taking advantage of the GI Bill® benefits who wish to receive credit should also submit official transcripts.

Credit may be granted for military service schools as recommended in the publication *A Guide to Evaluation of Educational Experiences in the Armed Forces*, published by the American Council on Education (ACE). Military credit will be counted toward graduation as general education for military courses substantially similar to coursework offered by Cuyamaca College, or elective credit, unless specifically accepted by a department for use within a student's major. A maximum of 20 units of military credit (including up to 3 units of Exercise Science) will be allowed. Students should meet with the veterans' counselor to request an Evaluation of Military Credit.

Veterans who have completed at least one year of honorable active service will receive up to 3 units of credit for Exercise Science activity that will meet the graduation requirement at Cuyamaca College.

Students planning to transfer should consult the catalog of the four-year institution for granting of military credit; award varies. Those planning to transfer to a CSU may be able to satisfy Area E, Lifelong Learning, on CSU GE Breadth. To receive this credit for military service, a DD-214 and appropriate military transcripts must be submitted to the Admissions & Records office.

A veteran may not repeat a course and receive veterans' benefits where a "D" or "F" grade was received unless the course is required for graduation or a grade of "C" is required for the degree.

Veterans should pay special attention to add/ drop deadlines and consult the campus Veterans Center when any change in enrollment is made.

If any veteran or dependent receiving VA educational benefits has been on academic or lack of progress probation for

two consecutive semesters, Cuyamaca College will not certify the student's enrollment to the VA for payment of benefits until the cumulative GPA at the GCCCD has improved to a 2.0.

Any veteran who petitions for readmission to the college following disqualification must meet with the veterans' counselor and have the counselor make a recommendation on the petition prior to being considered for readmission.

Veterans should be aware that short-term classes and other flexible schedules may affect benefits. Before registering, check with the veterans' counselor or the Veterans Certifying Official in the Veterans Center in I-113 about the implications of taking short-term courses.

**CALIFORNIA COLLEGE FEE WAIVER (CALVET)**

The children and spouses of U.S. veterans with service-connected disabilities or veterans who have died in service or from service-connected disabilities may be eligible for waiver of College fees. The student must submit the VA letter of eligibility to the Financial Aid Office.

**SERVICEMEMBERS OPPORTUNITY PROGRAM (SOC)**

As a Servicemember Opportunity College, Cuyamaca College provides academic assistance to active-duty personnel which includes program planning and guidance in understanding educational options, acceptance of traditional and nontraditional learning experiences, tutoring, or similar learning opportunities.

"GI Bill®" is a registered trademark of the U.S. Department of Veterans Affairs (VA).

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**Comments**

Revised Political Science for Transfer AA-T: Program Learning Outcomes, and requirements, added Career Opportunities#

**BEHAVIORAL & SOCIAL SCIENCES**

**POLITICAL SCIENCE FOR TRANSFER (AA-T)**

The AA-T in Political Science for Transfer is designed to prepare students to transfer to a California State University (CSU) with the intent of earning a Bachelor of Arts degree in Political Science.

The following is required for the AA-T in Political Science for Transfer degree:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or better in all courses required for the major.
5. Certified completion of the California State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information.  
Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.

**Program Learning Outcomes**

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

- Remember the major concepts of subfields of political science and their relevance to political behavior and political institutions across diverse communities and cultures.
- Understand the historical roots and major theories, conceptualizations, operationalizations, and measurements utilized in political science and its subfields from multiple perspectives.
- Apply the scientific method to explain political behavior and political institutions.
- Analyze the application of political science's abstract theories, empirical regularities, and public policy applications towards civic engagement domestically and internationally.
- Evaluate how concepts of political actors, networks, and status quo are theoretically and empirically analyzed and their application across diverse communities and cultures.
- Create a professional research project that uses the scientific method and follows ethical guidelines to analyze political phenomenon and/or a public policy project that utilizes data, geographic information systems, policy, and communication analysts' perspectives.

**Career Opportunities:**

Students who earn an AA-T in Political Science from Cuyamaca College will be prepared for entry level positions such as a:

- Staff member to an elected official: local (City Councilor or Mayor), state (i.e. Statewide constitutional official, State Senator, State Assembly Member), or federal (i.e. U.S. Senator or Member of Congress)
- Staff member to an appointed official: local (i.e. City Manager or County Chief Executive Officer), regional (i.e. San Diego Association of Governments), or state (i.e. California State Water Resources Control Board Commissioner)
- Staff member in public, private, or non-profit sector's external affairs, government affairs, or regulatory affairs department
- Intern with an international government or non-governmental organization or institution
- Research assistant to a professor at a 4-year university, or a researcher at a public policy think tank, or in an institutional research department

**Associate in Arts Degree Requirements:**

**Core Curriculum:**

<i>Course</i>	<i>Title</i>	<i>Units</i>
POSC 121	Introduction to U.S. Government and Politics	3

**List A: Select three of the following:**

POSC 120	Introduction to Politics and Political Analysis	3
POSC 124	Introduction to Comparative Government and Politics	3
POSC 130	Introduction to International Relations	3
POSC 170	Introduction to Political Science Research Methods	<u>3</u>
		9

**List B: Select two of the following:**

POSC 140	Introduction to California Governments and Politics	3
MATH 160	Elementary Statistics	4
<b>or</b>		
PSY 215	Statistics for the Behavioral Sciences	4
Any course from List A not selected above		<u>3</u>

	6-7
Total Units for Major (9 units may be double-counted with GE)	18-19
Total Units for CSU GE Breadth or IGETC-CSU	39-37
Total Transferable Elective Units	<u>11-12/13-14</u>
Total Units for Degree	60

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**Comments**

Revised Economics for Transfer AA-T: Program Learning Outcomes#

**BUSINESS**

**ECONOMICS FOR TRANSFER (AA-T)**

The AA-T in Economics for Transfer provides a broad exposure to the field of economics. Students will learn about the factors that determine the production, distribution and consumption of goods and services. They will come to understand the behavior and interactions of economic agents and how economies work. This major prepares student to transfer to a California State University, where a baccalaureate degree may be earned in Economics or a closely related field.

The following is required for the AA-T in Economics for Transfer degree:

1. 60 semester or 90 quarter CSU-transferable units;
2. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements;
3. Minimum of 18 semester or 27 quarter units in the major or area of emphasis;
4. Minimum grade point average (GPA) of 2.0;
5. Grade of C or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes**

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

- Use economic models to predict changes in societal outcomes based on changes in economic variables.
- Identify and apply economic principles to personal-life decisions.

**Associate in Arts for Transfer Degree Requirements:**

<i>Course</i>	<i>Title</i>	<i>Units</i>
<b>Required Core:</b>		
ECON 120	Principles of Macroeconomics	3
ECON 121	Principles of Microeconomics	3
MATH 160	Elementary Statistics	4
MATH 178	Calculus for Business, Social and Behavioral Sciences	4
or		
MATH 180	Analytic Geometry and Calculus I	5
<b>List A: (Select 1 course)</b>		
BUS 120	Financial Accounting	4
BUS 121	Managerial Accounting	4
BUS 128	Business Communication	3
CIS 110	Principles of Information Systems	4
<b>List B: (Select 1-2 courses; 3-4 units)</b>		
Any List A course not used		<u>3-4</u>
Total Required		21-23
Double-Counted Units		9-12/9
General Education Requirements (CSU-GE or IGETC)		39/37
Electives		<u>7-12/9-11</u>
Total Degree Units		60

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**Comments**

Revised Physics for Transfer AS-T: Item 5#

**STEM**

**PHYSICS FOR TRANSFER (AS-T)**

Physics is the study of the relationship between matter and energy in the universe. The AS-T in Physics for Transfer degree is designed to prepare students to transfer to a California State University (CSU) with the intent of earning a baccalaureate degree in physics. The curriculum is designed to provide students working toward a bachelor’s degree a well-balanced, lower division program by emphasizing fundamental concepts and problem solving. The degree requirements are typical of what baccalaureate institutions require.

The following is required for the AS-T in Physics for Transfer degree:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of “C” or better in all courses required for the major.
5. Certified completion of the California State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC-CSU) pattern; see Degree Requirements and Transfer Information section for more information.#

**Program Learning Outcomes**

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

- Evaluate derivatives of algebraic, trigonometric, logarithmic and exponential functions.
- Evaluate integrals using appropriate techniques (such as: by parts, trig substitution, etc.)
- Apply Green’s, Stokes’ and Gauss’ Theorems.
- Use conservation of energy and conservation of momentum concepts.
- Use Maxwell’s Equations to solve problems in electricity and magnetism.
- Use the basic concepts of modern physics: special relativity, photon behavior, matter waves, the uncertainty principles, and quantum mechanics in one and three dimensions, statistical physics and nuclear physics.

**Associate in Science Degree Requirements:**

<i>Course</i>	<i>Title</i>	<i>Units</i>
MATH 180	Analytic Geometry and Calculus I	5
MATH 280	Analytic Geometry and Calculus II	4
MATH 281	Multivariable Calculus	4
PHYC 190	Mechanics and Heat	5
PHYC 200	Electricity and Magnetism	5
PHYC 210	Wave Motion and Modern Physics	<u>5</u>
	Total Units for Major (7 units may be double-counted with GE)	28
	Total Units for IGETC-CSU	37
	Total Transferable Elective Units	2
	Total Units for Degree	60

Please note: SDSU accepts this degree for students transferring into the B.S. Physics (General) or B.S. Physics (Modern Optics Emphasis).



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**Comments:**

(Effective Spring 2021)

Course title and catalog description modified Δ

## **CADD TECHNOLOGY (CADD)**

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**125 SOLID MODELING DESIGN 3 UNITS**

Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent

Recommended Preparation: Working knowledge of basic computer operations and file administration

2 hours lecture, 4 hours laboratory

This is an advanced graphic communication course using solid modeling techniques. This course covers feature based solid part construction including extrudes, cuts and revolves; advanced surface shaping using lofts and sweeps. This also covers assembly construction and constraining in an engineering design environment. Students learn how to produce technical/engineering drawing including proper layout of component drawing views, sectioning and detailing. Threads and fasteners are also included in this course. Dimensioning and tolerancing will be taught in accordance with ANSI standard. Introduction to 3D printing technology (aka Additive Manufacturing) is part of this course. SolidWorks software is used throughout the course. *Also listed as ENGR 125. Not open to students with credit in ENGR 125.*

CSU, \*UC credit limit

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**Comments:**

(Effective Spring 2021)

Catalog description modified Δ

## **COMPUTER SCIENCE (CS)**

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**181 INTRODUCTION TO C++ PROGRAMMING 4 UNITS**

**C-ID COMP 122**

Recommended Preparation: "C" grade or higher or "Pass" in CS 119 or equivalent, and intermediate algebra

3 hours lecture, 3 hours laboratory

Introduction to computer programming using a C family language. Students with no previous programming experience in C++ will learn computer organization and operation, binary representation of information, how to plan and create well-structured programs, write programs using sequence, selection and repetition structures, and create and manipulate sequential access files, structs, classes, pointers and arrays.

CSU, UC

**Page: 134**

**Comments:**

(Effective Spring 2021)

Course title and catalog description modified Δ

## **ENGINEERING (ENGR)**

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**125 SOLID MODELING DESIGN 3 UNITS**

Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent

Recommended Preparation: Working knowledge of basic computer operations and file administration

2 hours lecture, 4 hours laboratory

This is an advanced graphic communication course using solid modeling techniques. This course covers feature based solid part construction including extrudes, cuts and revolves; advanced surface shaping using lofts and sweeps. This also covers assembly construction and constraining in an engineering design environment. Students learn how to produce technical/engineering drawing including proper layout of component drawing views, sectioning and detailing. Threads and fasteners are also included in this course. Dimensioning and tolerancing will be taught in accordance with ANSI standard. Introduction to 3D printing technology (aka Additive Manufacturing) is part of this course. SolidWorks software is used throughout the course. *Also listed as CADD 125. Not open to students with credit in CADD 125.* CSU, \*UC credit limit

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**Comments:**

(Effective Spring 2021)

Deleted the prerequisiteΔ

## **ENGLISH AS A SECOND LANGUAGE (ESL)**

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**2AG GRAMMAR FOR ESL ACCELERATED COMPOSITION 3 UNITS**

3 hours lecture

This course focuses on the study of English grammar for students whose first language is other than English. It is designed as a companion course to ESL 2A (Accelerated Composition for English as a Second Language). It develops and adds to skills in grammar and sentence structure such as is utilized in ESL 2A. Software is utilized to reinforce grammar skills introduced in class.

**Pass/No Pass only. Non-degree applicable.**

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**Comments:**

Correction to prerequisite Δ

**MATHEMATICS (MATH)**

**125 STRUCTURE AND CONCEPTS OF  
ELEMENTARY MATHEMATICS I**

**3 UNITS**

Prerequisite: "C" grade or higher or "Pass" in  
MATH 110 or equivalent

3 hours lecture, 1 hour laboratory

In blending the mathematical topics of sets,  
whole numbers, numeration, number theory,  
integers, rational and irrational numbers,  
measurement, relations, functions and logic, the  
course will investigate the interrelationships of  
these topics using a problem-solving approach  
and appropriate use of technology.

AA/AS GE, CSU, CSU GE, IGETC,  
UC credit limit

**Page: 148-149**

**Comments:**

(Effective Spring 2021)

106: Catalog description modified Δ

123: Course addition Δ

**MUSIC (MUS)**

**106 MUSIC THEORY AND PRACTICE II**

**4 UNITS**

Prerequisite: "C" grade or higher or "Pass" in  
MUS 105 or equivalent

3 hours lecture, 3 hours laboratory

Continuation of MUS 105 including both written  
and aural aspects of music theory. Four-part  
writing, 7th chords, cadences and non-chord  
tones. Rhythmic and melodic dictation and  
harmonic ear training. Sight singing. Analysis of  
Bach chorales and binary and ternary forms.

CSU, UC

**123 HISTORY OF HIP-HOP CULTURE**

**3 UNITS**

3 hours lecture

This is a survey course that will examine the  
origins and rise of Hip-Hop as an artistic form and  
global cultural phenomenon. It is designed for  
students who wish to examine and explore Hip-  
Hop culture, while developing background  
knowledge of Hip-Hop history from the early  
1970's South Bronx to its national and  
international role today. The connections  
between rap music and the other elements of  
Hip-Hop culture will be explored and students will  
be challenged to think critically about rap music  
and its place in society. Controversial subjects  
such as censorship, racism, sexism, and racial  
politics in America will be discussed as they  
relate to the subject matter.

CSU

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**Comments:**

(Effective Spring 2021)

Course title, lecture hours, units, and  
catalog description modified Δ

**PARALEGAL STUDIES  
(PARA)**

**140 INTRODUCTION TO CRIMINAL LAW AND  
PROCEDURES**

**1 UNIT**

1 hour lecture

The California Penal Code and Rules of Criminal  
Procedure will be the foundation of this  
preliminary-examination of the substantive and  
procedural laws in a criminal case. Students will  
be exposed to the basics of the criminal justice  
system from the elements of offenses through  
post-conviction remedies. The drafting of  
documents associated with criminal matters will  
be included.

CSU

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**Comments:**

(Effective Spring 2021)

Course addition Δ

**POLITICAL SCIENCE  
(POSC)**

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**165 INTRODUCTION TO THE POLITICS OF  
RACE AND GENDER 3 UNITS**

3 hours lecture

This course is an introduction to the politics of race and gender. The course offers an overview of the identity, status, and power of groups that have traditionally been politically disadvantaged in the United States. These groups include, but are not limited to, African Americans, Asian-Americans, Native Americans, Latinx, LGBT, and Women.  
CSU

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**Comments:**

(Effective Spring 2021)

Catalog description modified Δ

**PSYCHOLOGY (PSY)**

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**138 SOCIAL PSYCHOLOGY 3 UNITS**

3 hours lecture

Examination of the individual's perception of and reaction to other people and social influences. Topics such as attitude formation, prejudice and discrimination, helping behavior, aggression, conformity, obedience, cooperation and conflict reduction, and group behavior are explored. Also listed as SOC 138. Not open to students with credit in SOC 138.  
CSU

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**Comments:**

(Effective Spring 2021)

Course addition Δ

**SOCIOLOGY (SOC)**

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**138 SOCIAL PSYCHOLOGY 3 UNITS**

3 hours lecture

Examination of the individual's perception of and reaction to other people and social influences. Topics such as attitude formation, prejudice and discrimination, helping behavior, aggression, conformity, obedience, cooperation and conflict reduction, and group behavior are explored. Also listed as PSY 138. Not open to students with credit in PSY 138.  
CSU