

CUYAMACA COLLEGE

ACADEMIC PROGRAM CHANGES

December 2019

for the

2020-2021 CATALOG

COURSE MODIFICATIONS

The following reflect changes in subject designator, course number and/or title, prerequisite/corequisite/recommended preparation, units, hours, and/or course description. Other areas (e.g., course objectives, course content, student learning outcomes, etc.) may also have been modified to meet Title 5 standards (reflected as “*Review and update of course outline*”). These modifications have been carefully reviewed by the Curriculum, General Education and Academic Policies and Procedures Committee.

PRESENT	PROPOSED CHANGES TO AREAS AS INDICATED
ANTHROPOLOGY 150- INTRODUCTION TO CULTURAL MONITORING An introduction to cultural monitoring. Students will be exposed to archaeological methods, field practices, laws and regulations and learn how to be an effective cultural monitor to ensure the protection and preservation of Kumeyaay resources.	INTRODUCTION TO CULTURAL RESOURCE MANAGEMENT An introduction to cultural resource management. Students will be exposed to archaeological methods, field practices, laws and regulations and learn how to be an effective cultural monitor to ensure the protection and preservation of Kumeyaay resources.
MATHEMATICS 060 –FOUNDATIONS FOR ELEMENTARY STATISTICS	<i>Review and update of course outline</i>
ORNAMENTAL HORTICULTURE 255 – SUSTAINABLE URBAN LANDSCAPE PRINCIPLES AND PRACTICES 3 hours lecture, 3 units	2 hours lecture, 2 units
PERSONAL DEVELOPMENT–SPECIAL SERVICES 080 – EDUCATIONAL ASSESSMENT AND PRESCRIPTIVE PLANNING	<i>Review and update of course outline</i>
PERSONAL DEVELOPMENT – SPECIAL SERVICES 085 – ADAPTED COMPUTER BASICS	<i>Review and update of course outline</i>
PERSONAL DEVELOPMENT – SPECIAL SERVICES 087 – ADAPTED COMPUTER STUDIES	<i>Review and update of course outline</i>
PERSONAL DEVELOPMENT–SPECIAL SERVICES 092 – MATH STRATEGIES FOR STUDENTS WITH DISABILITIES	<i>Review and update of course outline</i>
PERSONAL DEVELOPMENT–SPECIAL SERVICES 096 – COGNITIVE COMMUNICATION SKILLS AND STRATEGIES	<i>Review and update of course outline</i>
REAL ESTATE 204 – REAL ESTATE OFFICE ADMINISTRATION Recommended Preparation: None Study of administration, supervision and management of a real estate brokerage office.	Recommended Preparation: Completion of Real Estate Principles This course is a study of the administration, supervision and management of a real estate brokerage office. Students will be exposed to the principles underpinning the management of a real estate brokerage office as well as participate in various job shadowing experiences.
SOCIOLOGY 114 – INTRODUCTION TO THE SOCIOLOGY OF MINORITY GROUP RELATIONS	INTRODUCTION TO RACE & ETHNICITY

DELETIONS

Course, Program, Certificate	Reason For Deletion per Department Faculty and/or Advisory Committee Recommendations
CED 0004-Swimming for Special Populations	Noncredit: Recommendation of the curriculum committee. Continuing Education was moved to the district in 2015. There has been no activity on the Cuyamaca College Continuing Education Noncredit courses since spring 2015. These courses are being deleted so the Chancellor's Office Curriculum Inventory is up-to-date with our catalog course offerings. This course never offered.
CEHS 0016 & NCHS 1017-BLS CPR	Noncredit-never offered
CESL 0063 & NCVE 1001-ESL: Healthcare WKPL Comm II	Noncredit-never offered
CEV 0002-Food Handler Training Course	Noncredit-never offered
CEV 0024-OSHA 24-Hour HAZWOPPER Training	Noncredit-never offered
CEV 0025-Incident Command Systems	Noncredit-never offered
CEV 0066-Commissioned Notary Public Class	Noncredit-never offered
CEV 0131-Delivering Powerful Presentations	Noncredit-never offered
NCBS 1001-Acad & Financial Aid Planning	Noncredit-never offered
NCBS 1026-Math Basics Series	Noncredit-never offered
NCBS 1028-Basic Skills for ACT/SAT	Noncredit-never offered
NCEL 1008-Spelling Non-Native Speakers	Noncredit-never offered
NCEL 1010-ESL: Beginning	Noncredit-never offered
NCEL 1046 & CESL 0046-ESL: College Readiness	Noncredit-last offered fall 2012
NCEL 1048-ESL Workskills-Intermediate	Noncredit-never offered
NCEL 1049-ESL Workskills-Advanced	Noncredit-never offered
NCEL 1053-ESL: Multi Level	Noncredit-last offered summer 2014
NCEL 1057-ESL: Intermediate	Noncredit-last offered fall 2012
NCEL 1058-ESL: Advanced	Noncredit-last offered summer 2014
NCEL 1063-Healthcare Communications II	Noncredit-never offered
NCEL 1082-English At Work: Health Wrk I	Noncredit-never offered
NCEL 1083-Healthcare Culture II	Noncredit-fall 2014
NCEL 1200-ESL 1: Basic English Literacy	Noncredit-fall 2014
NCEL 1202-ESL II: Beginning English	Noncredit-fall 2014
NCEL 1204-ESL III: Intermediate Engl	Noncredit-fall 2014
NCHO 1006-Attaining Optimum Health	Noncredit-never offered
NCHO 1020-Herbology	Noncredit-never offered
NCHO 1026-Make Feng Shui Work for You	Noncredit-never offered
NCHO 1041-Family, Finance, & Money Mgmt	Noncredit-never offered
NCHO 1046-Ins & Outs Servicing a Vehicle	Noncredit-never offered
NCHS 1000-Exercise for Optimum Health	Noncredit-never offered
NCHS 1001-Physical Fitness: Hatha Yoga	Noncredit-never offered

Deletions (continued)	
NCHS 1002-Physical Fitness: Running	Noncredit-never offered
NCHS 1007-Adult/Pediatric CPR Course	Noncredit-never offered
NCHS 1008-Adult/Pediatric CPR Renewal	Noncredit-never offered
NCHS 1009-First Aid Course	Noncredit-never offered
NCHS 1011-Lifelong Fitness	Noncredit-never offered
NCHS 1015-Adult Physical Fitness	Noncredit-never offered
NCHS 1019-PACE	Noncredit-never offered
NCHS 1021-Health and Fitness	Noncredit-last offered spring 2010
NCHS 1026-T'ai Chi, Beginners	Noncredit-never offered
NCHS 1028-T'ai Chi, Intermediate	Noncredit-never offered
NCHS 1030-Heartsaver A.E.D. Training	Noncredit-never offered
NCOA 1004-Contemporary Living	Noncredit-never offered
NCOA 1006-Music Therapy for Older Adults	Noncredit-never offered
NCOA 1007-Physical Education: Aerobics	Noncredit-never offered
NCOA 1008-55 Alive/Mature Driving	Noncredit-never offered
NCOA 1009-Expanding Your Horizons	Noncredit-never offered
NCOA 1010-Long Term Care	Noncredit-never offered
NCOA 1018-Physical Fitness Older Adults	Noncredit-never offered
NCOA 1022-Hollywood Then & Now	Noncredit-never offered
NCOA 1026-T'ai Chi Chu'an Older Adults	Noncredit-never offered
NCOA 1032-The Writing Workshop	Noncredit-never offered
NCOA 1039-In Harmony With Life	Noncredit-never offered
NCOA 1040-Nutrition News	Noncredit-never offered
NCOA 1042-Physical Fitness Life & Health	Noncredit-never offered
NCOA 1044-Physical Fitness: Hatha Yoga	Noncredit-never offered
NCOA 1046-Painting for Pleasure	Noncredit-never offered
NCOA 1048-Art Therapy for Older Adults	Noncredit-never offered
NCOA 1052-Growing Older, Getting Better	Noncredit-never offered
NCOA 1054-Intergenerational Dialogue	Noncredit-never offered
NCOA 1056-Shakespeare for Fun	Noncredit-never offered
NCOA 1060-The Classics for Fun	Noncredit-never offered
NCOA 1062-On the Antiques Trail	Noncredit-never offered
NCOA 1074-A Taste of Watercolor	Noncredit-never offered
NCOA 1097-Film Forum	Noncredit-never offered
NCSD 1003-Aquatic Physical Fitness	Noncredit-never offered
NCSD 1004 & CED 0004-Aquatic Fitness: Swimming	Noncredit-last offered summer 2010
NCSD 1005-Physical Exercise	Noncredit-never offered
NCVE 1001-Food Handler Training Course	Noncredit-last offered spring 2014
NCVE 1003-OSHA 40 Hour-Hazwoper	Noncredit-last offered spring 2011

Deletions (continued)	
NCVE 1019-Bilingual Computer Skills	Noncredit-last offered summer 2012
NCVE 1023-OSHA 24-HOUR Hazwoper	Noncredit-never offered
NCVE 1024-Incident Command Systems	Noncredit-last offered fall 2013
NCVE 1029-OSHA 8-Hour Refresher	Noncredit-never offered
NCVE 1032-Management Dynamics	Noncredit-never offered
NCVE 1047-Basic Plant Maintenance	Noncredit-never offered
NCVE 1049-Confined Space Entry	Noncredit-never offered
NCVE 1051-DOT: Haz Materials Reg	Noncredit-never offered
NCVE 1055-Ready, Set, Work!	Noncredit-last offered spring 2012
NCVE 1063-How to Get Started: Radio/TV	Noncredit-never offered
NCVE 1067-Basic Haz Materials Bus Plan	Noncredit-never offered
NCVE 1069-Air Quality Management	Noncredit-never offered
NCVE 1071-Bloodborne Pathogens	Noncredit-never offered
NCVE 1075-Pesticide Safety & Application	Noncredit-never offered
NCVE 1079-Customer Appreciation	Noncredit-last offered fall 2014
NCVE 1089-Career Exploration	Noncredit-last offered fall 2014
NCVE 1091-Put Your Bus. on the Internet	Noncredit-never offered
NCVE 1093-Know Your Conflict Mgmt Style	Noncredit-never offered
NCVE 1097-Successful Supervision	Noncredit-never offered
NCVE 1098-Intro to the Internet Part I	Noncredit-never offered
NCVE 1099-Intro to the Internet Part II	Noncredit-never offered
NCVE 1101-Intro to Computers Part I	Noncredit-never offered
NCVE 1103-Intro to Computers Part II	Noncredit-never offered
NCVE 1105-Intro to Windows Part I	Noncredit-never offered
NCVE 1107-Intro to Windows Part II	Noncredit-never offered
NCVE 1109-Intro to Word Processing I	Noncredit-never offered
NCVE 1111-Intro to Word Processing II	Noncredit-never offered
NCVE 1113-Intro to Spreadsheets	Noncredit-never offered
NCVE 1115-Intro to PowerPoint	Noncredit-never offered
NCVE 1116-Business Ethics & Values	Noncredit-last offered fall 2014
NCVE 1117-Time & Stress Management	Noncredit-last offered fall 2014
NCVE 1118-Mastering Communication	Noncredit-last offered summer 2010
NCVE 1119-Team Building	Noncredit-last offered fall 2014
NCVE 1120-The Right Attitude	Noncredit-last offered fall 2014
NCVE 1121-Dealing With Difficult People	Noncredit-last offered fall 2014
NCVE 1123-Managing Changes	Noncredit-last offered fall 2014
NCVE 1124-Decision Making & Problem Solv	Noncredit-last offered spring 2010
NCVE 1125-Successful Small Business Mgmt	Noncredit-never offered
NCVE 1126-Art of Influence & Negotiation	Noncredit-last offered spring 2011
NCVE 1127-Effective Meetings	Noncredit-last offered spring 2010

Deletions (continued)	
NCVE 1129-Delegating for Results	Noncredit-never offered
NCVE 1130-Powerful Presentations	Noncredit-last offered fall 2014
NCVE 1131-Motivation & Recognition	Noncredit-never offered
NCVE 1133-Coaching Improved Performance	Noncredit-never offered
NCVE 1135-Effective Business Writing	Noncredit-never offered
NCVE 1136-Effective Electronic Comm	Noncredit-never offered
NCVE 1200-Bpi Analyst & Envelope Cert	Noncredit-last offered fall 2013
NCVE 1202-Solar Pv Installation	Noncredit-last offered spring 2015
NCVE 1204-Osha10 General Industry Safety	Noncredit-never offered
NCVE 1206-Osha 10 Construction Safety	Noncredit-never offered
NCVE 1208-Geographic Information Sys I	Noncredit-last offered fall 2014
NCVE 1210-Geographic Information Sys II	Noncredit-last offered fall 2014
NCVE 1212-Intro to Spatial Reasoning	Noncredit-last offered fall 2014
NCVE 1216-Environmental Health & Safety	Noncredit-last offered fall 2013
NCVE 1218-Hazardous Materials Technician	Noncredit-never offered
NCVE 1222-Solar Thermal Systems	Noncredit-last offered spring 2014

DISTANCE EDUCATION

Course	Title
MATH 060	Foundations for Elementary Statistics
PDSS 085	Adapted Computer Basics
PDSS 087	Adapted Computer Studies
RE 204	Real Estate Office Administration

DEGREE AND CERTIFICATE MODIFICATIONS

BEHAVIORAL & SOCIAL SCIENCES

PSYCHOLOGY FOR TRANSFER (AA-T)

This degree program is designed to present students with a broad base understanding of human behavior so that they may explore human thought and behavior, and various methodologies. Students completing this degree may be interested in pursuing careers in research, counseling, teaching, and other behavioral science professions.

The following is required for the AA-T in Psychology 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:

- Demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.
- Understand and apply basic research methods in psychology, including research design, data analysis, and interpretation.
- Respect and use critical and creative thinking, skeptical inquiry, and, when possible, the scientific approach to solve problems related to behavior and mental processes.
- Understand and apply psychological principles to personal, social, and organizational issues.
- Weigh evidence, tolerate ambiguity, act ethically, and reflect other values that are the underpinnings of psychology as a discipline.

Associate in Arts Degree Requirements:

Core Curriculum:

<i>Course</i>	<i>Title</i>	<i>Units</i>
PSY 120	Introductory Psychology	3
PSY 205	Research Methods in Psychology	3
PSY 215	Statistics for the Behavioral Sciences	4
		10

List A: Select one of the following:

BIO 130	General Biology I	3
PSY 140	Physiological Psychology	3
		3

List B: Select ~~two~~ one of the following:

PSY 138	Social Psychology	3
PSY 150	Development Psychology	3
PSY 211	Cognitive Psychology	3
PSY 220	Learning	3
Any course not selected above		3
		63

List C: Select one of the following:

PSY 125	Cross-Cultural Psychology	3
PSY 134	Human Sexuality	3
PSY 220	Learning	3
Any course not selected above		3
		3

Total Units for Major (12 -15 units may be double-counted with GE)	19
Total Units for CSU GE Breadth or IGETC-CSU	39/37
Total Transferable Elective Units	17/19
Total Units for Degree	60

Please note: SDSU accepts this degree for students transferring into Psychology (Applied).

HUMANITIES

KUMEYAAY STUDIES Associate in Arts Degree

The Associate in Arts program in Kumeyaay Studies is designed to provide an understanding of Kumeyaay history, culture and heritage. It is a multi-disciplinary degree, drawing from the sciences, humanities, world languages and history departments. Through specific coursework that encompasses on-site learning experiences, students will learn about the Kumeyaay Nation of San Diego's East County region.

Program Learning Outcomes

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

- Communicate in the Kumeyaay language at a basic level in a variety of settings;
- Acquire an understanding of Kumeyaay heritage, history, society and traditions;
- Gain sensitivity, globalism and cultural competence of a unique group of people.

Associate in Arts Degree Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
ANTH 150	Introduction to Cultural Resource Management	3
BIO 133	Ethnoecology	3
or		
BIO 134	Ethnobotany	3
BIO 135	Ethnobotany/Ethnoecology Lab	1
HIST 132	Kumeyaay History I: Precontact – 1900	3
HIST 133	Kumeyaay History II: 1900 – Present	3
HUM 116	Kumeyaay Arts and Culture	3
NAKY 120	Kumeyaay I	4
NAKY 121	Kumeyaay II	4
		<u>21-24</u>

List A, Select One:

Course not taken above (BIO 133 or BIO 134)	3
NAKY 220 Kumeyaay III	4
	3-4
Total Required	<u>24-25-27-28</u>
Plus General Education Requirements	

Certificate of Specialization

Students who complete the requirements below qualify for a Certificate in Kumeyaay Studies. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

Program Learning Outcomes

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

- Communicate in the Kumeyaay language at a basic level in a variety of settings.
- Acquire an understanding of Kumeyaay heritage, history, society and traditions.
- Gain sensitivity, globalism and cultural competence of a unique peoples

Certificate Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
BIO 133	Ethnoecology	3
or		
BIO 134	Ethnobotany	3
HIST 132	Kumeyaay History I: Precontact-1900	3
NAKY 120	Kumeyaay I	4
		<u>10</u>

Select one of the following:

ANTH 150	Introduction to Cultural Resource Management	3
BIO 133*	Ethnoecology	3
HIST 133	Kumeyaay History II: 1900-Present	3
HUM 116	Kumeyaay Arts and Culture	3
NAKY 121	Kumeyaay II	4
NAKY 220	Kumeyaay III	4
		<u>3-4</u>
Total Required		13-14

*BIO 133 may be counted one time only

STEM

MATHEMATICS Associate in Science Degree

Since jobs requiring mathematical skills such as data analysis, problem solving, pattern recognition, statistics, and probability are in high demand, the mathematics major may benefit both educationally and economically from developing and pursuing an interest in mathematics. Mathematical skills and statistical methods are employed regularly by researchers testing hypotheses, by workers applying quality control in manufacturing, and by informed citizens who must evaluate information from the media in tabular, graphical, and report form in order to reach solutions. This major offers a foundation in these necessary skills. The emphasis is to prepare students for transfer to a four-year institution and/or for career preparation in a vocational or professional field.

Program Learning Outcomes

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

- Apply mathematical reasoning and problem solving strategies to analyze, interpret, and model applications in STEM or business programs.
- Select and apply appropriate definitions, postulates, and theorems to prove mathematical statements.

CAREER OPPORTUNITIES

- * Accountant
 - * Actuary
 - Air Traffic Controller
 - * Auditor
 - † Bank Officer
 - * Budget Analyst
 - Computer Operator
 - * Computer Programmer
 - † Cost Estimator
 - † Credit and Collection Manager
 - Data Processing Manager
 - * Economist
 - * Engineer
 - * Financial Planner
 - Insurance Agent/Broker
 - Insurance Claim Examiner
 - Laboratory Examiner
 - Loan Officer
 - * Market Research Analyst
 - * Mathematician
 - * Mathematics Teacher
 - * Securities Trader
 - Semiconductor Technician
 - * Statistician
 - Surveyor
 - * Systems Analyst
- * Bachelor Degree or higher required
† Bachelor Degree normally recommended

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
MATH 284	Linear Algebra	<u>3</u>
		<u>16-13</u>

Select one of the following:

MATH 284	Linear Algebra	<u>3</u>
MATH 245	Discrete Math	<u>3</u>
MATH 285	Differential Equations	<u>3</u>
		3

Select one of the following:

CS 181	Introduction to C++ Programming	4
ENGR 120	Engineering Computer Applications	3
MATH 160	Elementary Statistics	4
MATH 245	Discrete Math	<u>3</u>

Mathematics (continued)

PHYC 190	Mechanics and Heat	5
PHYC 200	Electricity and Magnetism	5
PHYC 210	Wave Motion and Modern Physics	<u>5</u>
		3-5
	Total Required	<u>22-2419-21</u>
	Plus General Education Requirements	

Recommended Electives: Students planning to transfer to four-year institutions to complete a bachelor's degree in Pure Mathematics, Applied Mathematics, or Statistics should select an emphasis in an applied discipline such as accounting, chemistry, computer science, economics, engineering, or physics. In particular, transfer students are strongly urged to elect the following physics courses: PHYC 190, 200, 210. Students preparing for a vocational or professional career are strongly encouraged to select an emphasis in a vocational/professional discipline such as business, computer and information science, CADD technology, electronics technology, or environmental health and safety management.

Certificate of Achievement

Students who complete only the major requirements above qualify for a Certificate in Mathematics. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.