



Curriculum & Instruction Recommendations May 2011

Educational Services
Office of the Vice Chancellor
Presented and Approved at Board Meeting of May 24, 2011

CURRICULUM AND INSTRUCTION RECOMMENDATIONS
May 2011

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**PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS**

Date Submitted For:
CIPD Approval: 5/2/2011

Date Submitted For:
Board Approval: 5/24/2011

Curriculum Item:	EFF.	JUSTIFICATION:
<p>Berkeley New Course</p> <p>LRNRE 248UQ, College Success Skills and Strategies 1 - 3 Units, 1 - 3 Hours Lecture, (GR/PNP)</p> <p>Skills and strategies for success in college: Team self-management, learning and working styles, communication skills..</p> <p style="text-align: right;">4930.11</p>	F 11	<p>This experimental course is based on the ACE curriculum developed by Diego Navarro at Cabrillo College. This curriculum has been shown to be successful in helping students succeed in college, particularly in learning communities and, as such, is being developed for inclusion in BCC's learning community programs.</p> <p>Stand Alone Course</p>
<p>COA Course Deletions</p> <p>ADAM 210A, Millinery</p> <p>ADAM 210B, Millinery</p> <p>ADAM 210C, Millinery</p> <p>ADAM 210D, Millinery</p>	F 11	<p>The college has no plans to offer these courses in the future.</p>
<p>COA Modified Course Proposal</p> <p>HUMAN 3, Future Studies 3 Units, 3 Hours Lecture, (GR/PNP)</p> <p>Study of how individuals and communities imagine and plan for the future: Exploration of technological trends, scientific discoveries, economic forecasts, religious prophecies, speculative/science fiction, political strategies, architectural design, ecological changes, and emerging lifestyles.</p> <p style="text-align: right;">1599.00</p>	F 11	<p>Fulfills requirements in Humanities for the AA/AS degree; fulfills GE requirements for CSU in Humanities, acceptable for credit to transfer to UC.</p>
<p>COA Modified Course Proposal</p> <p>ADAM 113, DESIGN AND SKETCHING II 2 Units, 2 1 Hours Lecture/ 0 3 Hours Lab</p> <p>New: Continuation of ADAM 111: Organization of original of original design concepts in a variety of assigned price, size, style and seasonal categories; fashion sketching and rendering using various full color media.</p> <p>Previous: Continuation of ADAM 111: Continuing sketch exercises in various black and white and color media; execution of specific design projects with emphasis on the organization of original design concepts within a variety of assigned industry price, size, style and selling-season categories.</p>	S 12	<p>Changing hours and course description. Course only offered by College of Alameda.</p>

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>COA Modified Course Proposal</p> <p>ADAM 225, Apparel Draping II 2 Units, 1 Hour Lecture/3 Hours Lab 4 Units, 2 Hours Lecture/6 Hours Lab</p> <p>New: Continuation of ADAM 224: Three-dimensional method of apparel pattern making; intermediate draping methods, techniques and sample muslin pattern development.</p> <p>Previous: Continuation of ADAM 224: Continuing exercises in three-dimensional method of apparel patternmaking; intermediate draping methods and techniques, sample muslin pattern development on industrial standard-sized body forms.</p>	S 12	Changing units, hours, and description. Course only offered by College of Alameda.
<p>COA New Course</p> <p>POSCI 35, Introduction to Community Violence Prevention 3 Units, 3 Hours Lecture, (GR/PNP)</p> <p>Introduction to social history and political consciousness around the conditions that create and perpetuate violence in urban communities: Historical and contemporary issues around violence and the variety of impacts its impact on society; review of approaches toward healing and revitalizing communities that are affected by violence; overview of the field of violence prevention; and intervention strategies to prevent violence and build healthy communities.</p> <p style="text-align: right;">2107.00</p>	F 11	To meet the expressed need from community partners regarding issues of violence: course will be a part of a certificate in violence prevention. Previously 48AB.
<p>COA New Course</p> <p>POSCI 36, Practical Applications of Violence Prevention Strategies 3 Units, 3 Hours Lecture, (GR/PNP)</p> <p>Introduction to applied social and political theories of intervention strategies to prevent violence and build healthy communities: Identification of methods to prevent violence and develop the capacity of impacted people in urban centers to take a leadership role in community development.</p> <p style="text-align: right;">2107.00</p>	F 11	To meet the expressed need from community partners regarding issues of violence: course will be a part of a certificate in violence prevention. Previously 48AC.

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>COA New Course</p> <p>HUSV 120, Introduction to Direct Support Work for People with Developmental Disabilities 4 Units, 4 Hours Lecture, (GR/PNP)</p> <p>Overview of the developmental disabilities field to prepare students for entry-level direct support work: Serving the unique needs of adults with developmental disabilities; strategies to maximize their choice and opportunity; promotion of health, safety, self-advocacy, life skills, community and family inclusion.</p> <p style="text-align: right;">2104.00</p>	F 11	<p>Course is part of a Direct Support Work grant/community based partnership and certificate program; in response to growth in the field due to civil rights legislation and concerns and need for services for individuals with direct support needs; downsizing and closure of state institutions and the rapid growth of integrated community services focused on increasing independence, community integration and self-direction; these factors are driving caseload growth in the community services system, resulting in the increased demand for front line workers and supervisors skilled in providing an integrated and consumer-directed model of care; this course and program is designed to enable students to begin on a career path in the fields of human services work with regard to direct services.</p>
<p>COA New Course</p> <p>LRNRE 276, Learning Strategies in Algebra and Geometry 1 - 2 Units, 1- 2 Hourse Lecture, (P/NP) Course study under this section may be repeated as necessary per Title 5, Section 56029.</p> <p>Introductory concepts in algebra and geometry for students with learning disabilities: Learning strategies for mastering algebra and geometry based on students' individual learning strengths and weaknesses.</p> <p style="text-align: right;">4930.32</p>	F 11	<p>This course addresses the need for students with learning disabilities to develop more abstract mathematical problem solving skills in Algebra and Geometry while acquiring learning strategies which will allow them to function successfully in mainstream classes. The course complies with AB77 and federal regulations regarding assistance to disabled students. It will also help improve retention of students with learning disabilities.</p>
<p>COA New Course</p> <p>LRNRE 277, Introduction to Mathematical Concepts and Strategies 1 - 2 Units, 1- 2 Hourse Lecture, (P/NP) Course study under this section may be repeated as necessary per Title 5, Section 56029.</p> <p>Quantitative concepts and development of problem solving skills in arithmetic for students with learning disabilities: Learning strategies for mastering arithmetic based on students' individual learning strengths and weaknesses.</p> <p style="text-align: right;">4930.32</p>	F 11	<p>This course addresses the need for students with learning disabilities to develop more abstract mathematical problem solving skills in Algebra and Geometry while acquiring learning strategies which will allow them to function successfully in mainstream classes. The course complies with AB77 and federal regulations regarding assistance to disabled students. It will also help improve retention of students with learning disabilities.</p>

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>COA New Fee Based Course</p> <p>BUS 848AA, A Jewelry Business From Scratch 8 Hours,</p> <p>Introduction to the basic skills of making jewelry that can be marketed as a home based business; development of rudimentary jewelry making skills to enhance quality to a marketable level of competence; development of basic skills in marketing jewelry to various venues for sale.</p> <p style="text-align: right;">6822.00</p>	M 11	Course addresses the needs of the beginning jewelry artisans in the community who may wish to learn how to develop their skills to market their work (e.g. at crafts shows or to retail outlets) and make extra income from doing so.
<p>COA New Contract Education* Course</p> <p>DMECH 748AA, Compressed Natural Gas Testing and Diagnostics (Contract Education) 24 Hours</p> <p>Training in testing and diagnostic procedures of compressed natural gas (CNG) for the Cummins ISLG Engine; lecture and hands-on application towards certification.</p> <p>*Not for Credit</p>	S 11	Contract Education course to meet industry and community needs and the employment needs, regarding certification, of students.
<p>COA Program Deactivation</p> <p>AA in Spanish</p> <p>Certificate of Proficiency: Word Processing</p> <p>Certificate of Proficiency: Programming</p> <p>Certificate of Proficiency: Network Administration</p>		

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Curriculum Item: **EFF. JUSTIFICATION:**

COA New Program

Associate of Science in Mathematics for Transfer Degree AS-T Degree

The Associate in Science in Mathematics for Transfer Degree (AS-T) is designed for students planning to transfer into the mathematics major. Successful completion of the program with a minimum G.P.A. of 2.0 affords students specific guarantees for transfer to the CSU system such as admission to a CSU with junior status, priority admission to their local CSU campus and to a program or major in political science or similar major. Students interested in the AS-T for transfer degree in mathematics should consult with the departmental faculty chair. The AS-T degree will be awarded upon completion of the major course requirements listed below and the General Education requirements for the Associate in Science Degree listed in the Degrees, Programs & Transfer Requirements section of this Catalog.

Degree Major Requirements

MATH 003A Calculus I	5
MATH 003B Calculus II	5
MATH 003C Calculus III	5

Choose at least 1 course from Group A (if you choose both, Group B is optional):

MATH 003E Linear Algebra	3
MATH 003F Differential Equations	3

Choose one class from group B if necessary to complete 21 units for the major:

MATH 013 Introduction to Statistics	4
MATH 011 Discrete Mathematics	4
MATH 012 Symbolic Logic	4
PHYS 004A General Physics with Calculus	5
PHYS 004B General Physics with Calculus	5
PHYS 004C General Physics with Calculus	5

Total Units **21-23**

COA New Program

Certificate of Proficiency: Entry-Level Direct Support Worker in the Developmental Disabilities Sector

Career and technical education in the essential skills to provide effective support to individuals with developmental disabilities; necessary skills in math, computer, and writing; with specialized coursework in direct support work; cardiopulmonary resuscitation (CPR) certificate included; service learning field work experience; exploration of knowledge, history, and issues relative to service fields within the realm of work with persons with developmental disabilities; focus upon specific knowledge and skills that will assist in better serving the unique needs of adults with developmental disabilities (e.g. promotion of health, safety, self-advocacy, life skills, community and family inclusion); emphasis on supports that allow people with developmental disabilities to maximize choice and opportunity.

Required Courses

CIS 205 Computer Literacy	1
HLTED 011 Cardio-Pulmonary Resuscitation (CPR)	.5
COPED 450 General Work Experience	2.5
HUSV 120 Introduction to Direct Support Work for People with Developmental Disabilities	4

Total Units **8**

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COA New Program

Certificate of Proficiency: Violence Prevention

Exploration of leadership, prevention and intervention knowledge and skills relative to the field of violence prevention and local community peace building; classroom and field based learning through peer group and individual projects, community based action research, and internships; curriculum contextualized to student career goals; designed for college ready individuals who are interested in working in the field of violence prevention; completion of two 3 unit courses in addition to 2-4 units of internship and/or employment experience in the field. The program includes training in conflict resolution and mediation, self-care, theories and methods for social change as well as coaching through professional development areas identified through a SWOT (Strengths, Weaknesses, Opportunities and Threats) analysis completed every semester.

Required Courses:

POSCI 35 Introduction to Community Violence Prevention	3
POSCI 36 Practical Applications of Violence Prevention Strategies	3
COPED 450 General Work Experience	2 – 4
Total Units	8 - 10



Laney Course Deactivation	F 11	The college has no plans to offer this course in the future.
GRART 212A, Software for Multimedia (Macromedia Director)		

Laney Modified Course Proposal	F 11	Changing course description.
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BUS 70, Introduction to Marketing

New:
Introduction to integrated marketing strategies: Identification and satisfaction customers' wants and needs with products (goods and/or services), price, place, and promotional strategies; manage customer relationship management; integration of marketing into strategic business plans.

Previous:
Basic principles and related management concerns in the fields of marketing: Practical uses of marketing, consumer needs, and motivations in the development of marketing strategy.

Laney Modified Course Proposal	F 11	Changing prerequisite (removing MACH 75).
MACH 230, Machine Technology III		

Prerequisites: MACH 75 and 220

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Laney Modified Course Proposal		
GRART 115, Web Site Design Prerequisite: 141 142		Changing prerequisite (replacing 141 with 142).
Laney New Course		
ECT 40, Introduction to Control System Networking 1 Unit, 1 Hour Lecture, (GR/PNP) Prerequisite: ECT 021	F 11	Will be required for the Advanced Certificate and AS Degree in Environmental Control Technology
The installation and use of common digital control system networks is presented : Standards such as, MS/TP, ARCNET, LONWORKS, Ethernet networks; benefits of each type of network; and diagnosis of common network problems.		
0946.00		
Laney Informational Item		
MEDIA 104, Beginning Digital Video Production	F 11	Course now eligible for Credit by Exam
Credit by Exam		
CHIN 1, Elementary Chinese (Mandarin)		To offer via distance education.
To offer as a hybrid, 65% internet and 35% face-to-face.		
Laney New Course		
ENGL 110, Academic Reading and Writing 6 Units, 6 Hours Lecture, (GR) Prerequisites: ENGL 201B or ESL 021B Not open for credit to students who have completed or are currently enrolled in ESL 110.	F 11	This course meets the new state-mandated General Education requirements for AA degree graduation. The course content is comparable to the transfer English 1A course, but addresses specific academic language learning needs of advanced ESL learners and may feature theme-based business, professional and technical reading and writing assignments and/or assignments of particular relevance to career technical and immigrant students. Course meets GE requirements in AA/AS areas 4a and 4d, but does not satisfy the GE composition requirement for transfer.
Instruction in writing and reading of expository prose: Critical thinking, identifying logical fallacies, and evaluating sources; introduction to writing a research paper.		
1501.00		
Laney New Course		
ENGL 208A, Writing Workshop 1 Unit, .50 Lecture, 1.50 Lab, (GR/PNP)	F 11	This course provides instruction for all levels of students needing supplemental work in writing for academic classes. Adopting course from BCC.
Individualized instruction in writing: Thesis control and essay organization.		
1501.00		

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<p>Laney New Course</p> <p>ENGL 208B, Writing Workshop 1 Unit, .50 Lecture, 1.50 Lab, (GR/PNP) Recommended Preparation: ENGL 208A</p> <p>Individualized instruction in writing: Thesis control, essay organization, and idea development.</p> <p style="text-align: right;">1501.00</p>	F 11	This course provides instruction for all levels of students needing supplemental work in writing for academic classes. Adopting course from BCC.
<p>Laney New Course</p> <p>ENGL 208C, Writing Workshop 1 Unit, .50 Lecture, 1.50 Lab, (GR/PNP) Recommended Preparation: ENGL 208B</p> <p>Individualized instruction in writing: Thesis control, essay organization, idea development, and sentence structure.</p> <p style="text-align: right;">1501.00</p>	F 11	This course provides instruction for all levels of students needing supplemental work in writing for academic classes. Adopting course from BCC.
<p>Laney New Course</p> <p>ENGL 208D, Writing Workshop 1 Unit, .50 Lecture, 1.50 Lab, (GR/PNP) Recommended Preparation: ENGL 208C</p> <p>Individualized instruction in writing: Thesis control, essay organization, idea development, sentence structure, and editing/proofreading.</p> <p style="text-align: right;">1501.00</p>	F 11	This course provides instruction for all levels of students needing supplemental work in writing for academic classes. Adopting course from BCC.
<p>Laney New Course</p> <p>ENGL 258A, Writing Workshop 1 Unit, .50 Lecture, 1.50 Lab, (GR/PNP)</p> <p>Individualized instruction in writing: Thesis control and essay organization.</p> <p style="text-align: right;">1501.00</p>	F 11	This course provides instruction for all levels of students needing supplemental work in writing for academic classes. It also supports the goals of the statewide Basic Skill Initiative.
<p>Laney New Course</p> <p>ENGL 258B, Writing Workshop 1 Unit, .50 Lecture, 1.50 Lab, (GR/PNP) Recommended Preparation: ENGL 258A</p> <p>Individualized instruction in writing: Thesis control, essay organization, and idea development.</p> <p style="text-align: right;">1501.00</p>	F 11	This course provides instruction for all levels of students needing supplemental work in writing for academic classes. It also supports the goals of the statewide Basic Skill Initiative. Adopting course from BCC and Merritt.

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Laney New Course</p> <p>ENGL 258C, Writing Workshop 1 Unit, .50 Lecture, 1.50 Lab, (GR/PNP) Recommended Preparation: ENGL 258B</p> <p>Individualized instruction in writing: Thesis control, essay organization, idea development and sentence structure.</p> <p style="text-align: right;">1501.00</p>	F 11	This course provides instruction for all levels of students needing supplemental work in writing for academic classes. It also supports the goals of the statewide Basic Skill Initiative. Adopting course from BCC and Merritt.
<p>Laney New Course</p> <p>ENGL 258D, Writing Workshop 1 Unit, .50 Lecture, 1.50 Lab, (GR/PNP) Recommended Preparation: ENGL 258C</p> <p>Individualized instruction in writing: Thesis control, essay organization, idea development, sentence structure, and editing/proofreading.</p> <p style="text-align: right;">1501.00</p>	F 11	This course provides instruction for all levels of students needing supplemental work in writing for academic classes. It also supports the goals of the statewide Basic Skill Initiative. Adopting course from BCC and Merritt.
<p>Laney New Course</p> <p>LCI 204, Simultaneous Interpretation 3 Units, 3 Hours Lecture, (GR/PNP) <i>Prerequisites: LCI 201 and LCI 202</i></p> <p>Principles of simultaneous interpretation: Legal terms used in court proceedings; lexical characteristics of Spanish used by participants in the legal process; preparation for the California court interpreter exam.</p> <p style="text-align: right;">2140.00</p>	F 11	This course prepares students to pass the state Spanish Oral Interpreter Exam integrating all of the skills acquired from the program curriculum.
<p>Laney New Course</p> <p>LCI 205, Preparation for the California Court Interpreter Exam 2 Units, 2 Hours Lecture, (GR/PNP) <i>Prerequisites: LCI 202, LCI 203, LCI 204, LCI 201</i></p> <p>Preparation for the California court interpreter exam.</p> <p style="text-align: right;">2140.00</p>	S 12	This course prepares students to pass the state Spanish Oral Interpreter Exam integrating all of the skills acquired from the program curriculum.
<p>Laney New Course</p> <p>PE 150, Introduction to Kinesiology 3 Units, 3 Hours Lecture, (GR)</p> <p>Introduction to interdisciplinary approach to the study of human movement: Overview of motor learning/control, motor development, biomechanics, exercise physiology, and social psychological foundations.</p> <p style="text-align: right;">0835.00</p>	F 11	Required course for Kinesiology Transfer Model Curriculum AA-T degree as mandated by SB 1440

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Laney Modified Course Proposal</p> <p>WELD 221A, Beginning Oxygen-Acetylene Welding (OAW) 3 Units, 2 Hours Lecture, 4.00 Lab, (GR/PNP)</p> <p>Basic principles and skills for Oxygen Acetylene Welding OAW (Gas Welding): Safe welding practices, use of Personal Protective Equipment (PPE) and Material Safety Data Sheets (MSDS); and hands-on welding practice. Students must provide their own PPE.</p>	F 11	The Welding Department curriculum requires an introductory course in GTAW. This course will serve two purposes: 1) The course will provide students the opportunity to learn basic principles and skills in the OAW process. 2) This course will provide the foundation for all of the OAW courses.
<p>Laney Modified Course Proposal</p> <p>WELD 221B, Intermediate Oxygen-Acetylene Welding (OAW) 3 Units, 2 Hours Lecture, 4.00 Lab, (GR/PNP) <i>Prerequisite: WELD 221A</i></p> <p>Continuation of Weld 221A: Expansion of out-of-position welding. Students must provide their own PPE.</p>	F 11	The Welding Department curriculum requires an introductory course in GTAW. This course will serve two purposes: 1) The course will provide students the opportunity to learn intermediate principles and skills in the OAW process. 2) This course is the second in the OAW series.
<p>Laney New Fee Based Course</p> <p>GRART 801, Graphics in Motion I 32 Hours</p> <p>Technology and Skill-based orientation to movement in graphic design and imaging: Concepts and development of traditional and digital image movement, timing, character development, and story through hands-on experiencing of the process.</p> <p style="text-align: right;">6822.00</p>	M 11	Advances in technology such as the world wide web, digital display boards, handheld device applications, digital games and e-books have taken traditionally static graphic images into the world of image movement.
<p>Laney New Fee Based Course</p> <p>GRART 802, Graphics in Motion II 32 Hours</p> <p>Technology and Skill-based orientation to movement in graphic design and imaging: Concepts and development of traditional and digital image movement, timing, character development, and story through hands-on experiencing of the process. Continuation of Graphics in Motion I.</p> <p style="text-align: right;">6822.00</p>	M 11	Advances in technology such as the world wide web, digital display boards, handheld device applications, digital games and e-books have taken traditionally static graphic images into the world of image movement.

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Laney New Fee Based Course

**PE 802, Aqua Aerobics
12 Hours**

Comprehensive modified aquatic exercise class integrating fitness components: Cardiovascular endurance, range of motion, muscle strength-tone, relaxation and stress release techniques.

6822.00

Laney New Program

Certificate of Achievement: Legal Court Interpreter (Spanish Language)

The Legal Court Interpreter Program provides students an opportunity to prepare for a career in Spanish Legal Interpretation. Courses within the program combine study of courtroom terms and protocol and methods of effective Spanish interpretation in varied legal environments and situations.

LCI 201 Introduction to Spanish-Language Legal Interpretation	3
LCI 202 Sight Translation	2
LCI 203 Consecutive Interpretation	2
LCI 204 Simultaneous Interpretation	3
LCI 205 Preparation for the Legal Interpretation State Exam	2
POSCI 021 Overview of the California Court System and State Law	3
 Select one course from the following	
ENGL 001A Composition and Reading	4
or	
POSCI 006 The U.S. Constitution and Criminal Due Process	3
or	
SPAN 022A Spanish for Bilingual Speakers I	5
or	
SPAN 022B Spanish for Bilingual Speakers II	5
or	
SPAN 001A Elementary Spanish	5
 Total Units	 18 - 20

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Curriculum Item:	EFF.	JUSTIFICATION:
Merritt Course Deletions	F 11	
<p>BUS 201, Business Communications BUS 202, Business Mathematics BUS 205, Filing and Records Management BUS 221A-C, Office Procedures and Practices BUS 230D-F, Beginning Keyboarding BUS 231D-F, Intermediate Keyboarding BUS 244A, Beginning MS Word Applications BUS 244C, Advanced Word Processing BUS 253A-D, Beginning Microsoft Word CHDEV 76, Violence and Its Impact on Children and Their Families CHDEV 77, Introduction to Violence Counseling CHDEV 78, Field Experience in Violence Intervention CHDEV 83, Introduction to Early Intervention NUTR 200AB, Introduction to Institutional Food Service</p>	F 11	The college has no plans to offer these courses in the future.
Merritt Modified Course Proposal	F 11	
<p>BIOSC 3, Advanced Fluorescence/Confocal Microscopy in Bioscience</p> <p>Theory and practice of fluorescence microscopy: FRAP, FCS, FLIM, and FRET; artifacts and troubleshooting; and survey of employment opportunities using latest technologies.</p> <p>Previous: Advanced Fluorescence/Confocal Microscopy Advanced microscopy techniques including theory and practice of widefield fluorescence, confocal microscopy, deconvolution, multiphoton, and other optical sectioning methods and emerging technologies: Operation of software; live imaging techniques and considerations; FRAP, FCS, FLIM, and FRET; artifacts and troubleshooting; and survey of employment opportunities using latest technologies. 0430.00</p>	F 11	Changing course title and description.
Merritt Modified Course Proposal	F 11	
<p>BIOSC 4, Advanced Microscopy Research Practicum</p> <p>Previous: Advanced Microscopy Practicum</p>	F 11	Changing course title.

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Curriculum Item:	EFF.	JUSTIFICATION:
Merritt Modified Course Proposal BUS 52, Psychology and Human Relations	F 11	DE
Merritt Modified Course Proposal BUS 70, Introduction to Marketing	F 11	Changing course description.
<p>New: Introduction to integrated marketing strategies: Identification and satisfaction customers' wants and needs with products (goods and/or services), price, place, and promotional strategies; manage customer relationship management; integration of marketing into strategic business plans.</p> <p>Previous: Basic principles and related management concerns in the fields of marketing: Practical uses of marketing, consumer needs, and motivations in the development of marketing strategy.</p>		
Merritt Modified Course Proposal CHDEV 50,	F 11	Course is being modified to better align with the SLOs and objectives of the Curriculum Alignment Project and as part of the 24 unit transfer path in Child Development. It is one of the courses required in the 24 unit transfer path.
<p>New Principles and Practices of Teaching Young Children</p> <p>Introduction to the current issues and methodology of early childhood education from a historical and theoretical framework for Early Childhood group care: Key role of relationships, constructive adult-child interactions and teaching strategies in supporting the development of the whole child, career options, licensing requirements and personal qualifications as related to quality programs with developmentally appropriate practices.</p> <p>Previous Introduction to Early Childhood Education</p> <p>Survey of the issues and methodology of early childhood education from a diverse perspective which provides a framework for child development/early childhood studies and professional development: Career options, history, appropriate practices with children, identification of quality child development programs, and nomenclature of the field.</p>		

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Merritt Modified Course Proposal</p> <p>CHDEV 51, Child Growth and Development</p> <p>New Prenatal through adolescence typical and atypical human growth and development: Interrelationship of physical, social, emotional, and intellectual growth and the adult role in fostering optimal development with emphasis on interactions between nature and nurture, developmental theory and investigative research, child observations and assessment, developmental milestones and individual differences.</p> <p>Previous Human growth and development: Prenatal through adolescence; interrelationship of physical, social, emotional, and intellectual growth; and adult role in fostering optimal development.</p>	F 11	Chdev 51 is a requirement for the Child Development AA degree and the Child Development Permit. Course is being modified to better align with the SLOs and objectives of the Curriculum Alignment Project and as part of the 24 unit transfer path in Child Development. CHDEV 51 is recommended for students majoring in Community Social Services, Nursing, Education, Administration of Justice and for those planning to get a teaching credential.
<p>Merritt Modified Course Proposal</p> <p>CHDEV 52, Observation and Assessment</p> <p>Study of the principles of typical growth, development and behavior of young children: Reinforcement of theoretical knowledge by direct observation assignments in a preschool setting Overview of current assessment developed to promote a better understanding of children, families, and ECE programs: Observation and documentation tools and support for students' emergent understanding of their own ability to use classroom observations/assessments in order to improve their practices.</p>	F 11	Course is being modified to better align with the SLOs and objectives of the Curriculum Alignment Project and as part of the 24 unit transfer path in Child Development. It is one of the courses required in the 24 unit transfer path.
<p>Merritt Modified Course Proposal</p> <p>CHDEV 53, The Child, the Family and the Community</p> <p>New Examination of the typical and atypical developing child in a societal context: Interrelationships of family, school, and community focusing on historical and socio-cultural factors; socialization and identity development and the importance of respectful, reciprocal relationships that support and empower families.</p> <p>Previous Changing patterns and values of the family in modern society: Role and interaction of family members; socio-economic and ethnic factors affecting family life; community resources available for health, education, welfare and recreation.</p>	F 11	Course is required for child development majors and is a core course required for students to meet state certification requirements and for alignment with the Curriculum Alignment Project and the transfer degree path.

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Merritt Modified Course Proposal</p> <p>CHDEV 054A,</p> <p>New</p> <p>Social and Emotional Foundations for Early Learning</p> <p>Healthy social and emotional development of young children as the foundation for children's early learning: Building a learning environment and partnerships with parents to promote the healthy social and emotional development of young children.</p> <p>Previous</p> <p>Preschool Education: Theory and Guidance Study of philosophy, theory, guidance techniques and teaching methods appropriate to preschool programs and day care centers: Evaluation of curriculum and physical environments in a variety of community preschools and childcare settings.</p>	F 11	There is a demand from the community, the Early Care and Education profession and licensing agencies to have a course to focus on how teachers can develop social emotional competence in young children.
<p>Merritt Modified Course Proposal</p> <p>CHDEV 055A, Preschool Laboratory Practicum-Field Experience</p> <p>Integration of theory and practice in teaching and guidance of young children: Practicum-Development of professional behaviors and understanding of children and families with a practicum under supervision in Merritt Child Development Center, Lab School or with mentor teacher; application of techniques in meeting individual and group needs of young children.</p>	F 11	Child Development 55A is required for the Child Development AA degree and certificates, and satisfies part of the state requirement for the Children's Center Permit. 55A is one of the required classes in the Curriculum Alignment Project transfer package. This course provides students with the opportunity to use their academic training and to apply it in a realistic setting with young children.
<p>Merritt Modified Course Proposal</p> <p>CHDEV 055B, Preschool Laboratory Practicum-Field Experience</p> <p>New</p> <p>Planning, providing and evaluating program areas: Overall supervision in day-to-day running of pre-school with a practicum under supervision in Merritt Lab School or with mentor teacher.</p> <p>Previous</p> <p>Planning, providing, and evaluating program areas: Overall supervision in day-to-day running of school, observation-participation in parent education meetings, and dynamics of school-home relationships.</p>	F 11	Due to the addition of CHDEV 74, 80, 52 to the major to align our program with the Curriculum Alignment Project, and with the financial hardship that two semesters of practicum created for CHDEV students, CHDEV 55B needs to be an elective rather than a required course.

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Curriculum Item:	EFF.	JUSTIFICATION:
Merritt Informational Items	F 11	
RLEST 4B, Advanced Legal Aspects of Real Estate 100% Online		To offer as Distance Education
RLEST 6B, Advanced Real Estate Finance 100% Online		
RLEST 7B, Advanced Real Estate Appraisal 100% Online		
RLEST 9, Real Estate Economics Hybrid: 99% Online, 1% Face to Face		
RLEST 10, Real Estate Mathematics Hybrid: 99% Online, 1% Face to Face		
RLEST 11, Real Estate Escrow Procedures 100% Online		
RLEST 13, Real Estate Exchanges and Exchange Taxation 100% Online		
RLEST 14, Real Estate Investments 100% Online		
RLEST 18, Associations Management 100% Online		
Merritt New Course	M 11	Serves as partial fulfillment for the certification in Genomics.
BIOSC 32, Good Laboratory Practices in Genomics 1 Unit, .50 Lecture, 1.50 Hours Lab, (GR) <i>Recommended Preparation: BIOL 10, CIS 200 or 205</i>		
Introduction to good laboratory practices in Genomics: EPA and FDA regulatory protocols and standard operating procedures for designing experiments; recording observations, analyzing and reporting results; safety, instrumentation, and equipment maintenance; and documenting and presenting project/experiment results.		
0430.00		

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Merritt New Course</p> <p>BIOSC 33, Research Design in Genomics 1 Unit, 1 Hour Lecture, (GR/PNP)</p> <p>Introduction to research design: Biological research including investigation and development of a research question, and crafting a research plan to answer the question; literature searches and other research tools, critique of published research, and presentation of a research proposal.</p> <p style="text-align: right;">0430.00</p>	F 11	Formerly Biosc 48ND. This course is part of the curriculum for the proposed Genomics certification which meets the escalating demand for genomics technicians in Silicon Valley and in biotech industries. Research design is important for obtaining these positions. It is also a useful skill for students who wish to transfer to four-year science programs, and for any students who wish to refine their critical thinking skills or be more informed consumers of pharmaceuticals.
<p>Merritt New Course</p> <p>BIOSC 37, Principles of Long Polymerase Chain Reaction (PCR) 1 Unit, .5 Hour Lecture, 1.5 Hours Lab, (GR/PNP) <i>Recommended Preparation: BIOSC 31</i></p> <p>Theoretical and practical methodology for the use of the polymerase chain reaction(PCR): Strategies for optimizing Long PCR performance including amplification of long fragments of DNA.</p> <p style="text-align: right;">0430.00</p>	F 11	This course is required for fulfillment of a Certificate of Proficiency in either PCR or any Sequencer series.
<p>Merritt New Course</p> <p>BIOSC 38, Real-Time Polymerase Chain Reaction (PCR) 1.5 Units, 1 Hour Lecture, 1.5 Hour Lab, (GR/PNP) <i>Prerequisite: BIOSC 037</i></p> <p>Real-Time PCR in a laboratory setting: Issues and protocols for trouble shooting analyzing and interpreting data, and application for Next-Generation DNA sequencing library preparation.</p> <p style="text-align: right;">0430.00</p>	S 12	This course is required for the Genomics Certificate of Proficiency.
<p>Merritt New Course</p> <p>BIOSC 40, DNA Shearing Techniques for Shotgun Sequencing in Genomics 1 Unit, .5 Lecture, 1.5 Hours Lab, (GR/PNP)</p> <p>Shotgun sequencing and techniques using Covaris and the Hydroshear in DNA preparation.</p> <p style="text-align: right;">0430.00</p>	F 11	This course will partially fulfill the requirements for Certificates of Proficiency in Illuminia Sequencer, Pac Bio Sequencer, and Ion Torrent Sequencer.

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Merritt New Course</p> <p>BIOSC 51, Medical Genomics 3 Units, 3 Hours Lecture, (GR/PNP) <i>Recommended Preparation: BIOL 10</i></p> <p>Survey of current trends in human genome study: Gene theory, potential and current treatment of human genetic diseases, ethics in science, the effect of next generation sequencing on the human genome, and the effect human genomics will have on society in the future.</p> <p style="text-align: right;">0430.00</p>	S 12	This course partially fulfills the Certificate of Proficiency in Medical Genomics.
<p>Merritt New Course</p> <p>BIOSC 60, Post-Light Sequencing on the Ion Torrent DNA Sequencer 3 Units, 2 Hours Lecture, 3 Hours Lab, (GR/PNP) <i>Prerequisites: BIOSC 38, BIOSC 40, BIOSC 41</i></p> <p>Ion torrent technology and applications: Set up for instrument operation, techniques for library creation, sample preparation, instrument operation and data analysis.</p> <p style="text-align: right;">0430.00</p>	M 12	Partial fulfillment of the Certificate of Proficiency in Ion Torrent sequencing.
<p>Merritt New Course</p> <p>BIOSC 61, Sequence Analysis Using MacVector 1 Unit, 1 Hours Lecture, (GR/PNP) <i>Recommended Preparation: CIS 1</i></p> <p>Proficiency in using MacVector Software: Mining GenBank and preparation of GenBank files, Clustal alignments, gene annotation, and frame orientation of protein coding genes.</p> <p style="text-align: right;">0430.00</p>	F 11	For partial fulfillment of the Certificate of Proficiency in Medical Genomics.
<p>Merritt New Course</p> <p>BIOSC 62, Methodologies in Phylogenetics Using PAUP 1 Unit, 1 Hours Lecture, (GR)</p> <p>Introduction to PAUP Software: Character vs. character states, parsimony, distance and the methods, shared ancestry vs. homoplasy (reversals vs. parallelisms).</p> <p style="text-align: right;">0430.00</p>	F 11	Partial fulfillment of the Certificate of Proficiency Genomics.

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<p>Merritt New Course</p> <p>BIOSC 63, Introduction to Character Tracing Using MacClade 1 Unit, 1 Hour Lecture, (GR)</p> <p>Introduction to MacClade Software: Evolution of alternative character states and visual interface for phylogenetic trees.</p> <p style="text-align: right;">0430.00</p>	F 11	Serves as partial fulfillment of the Certificate of Proficiency Genomics.
<p>Merritt New Fee Based Course</p> <p>BIOL 848OU, Bay Area Ecosystems: Black Diamond Mines Regional Park 8 Hours</p> <p>Black Diamond Mines Regional Park: Flora, fauna, ecology, history and conservation.</p> <p style="text-align: right;">6822.00</p>	F 11	Promotes awareness of the natural world and conservation.
<p>Merritt New Fee Based Course</p> <p>BIOL 848OX, Greater Bay Area Ecosystems: Salt Point State Park 8 Hours</p> <p>Ecosystems of Salt Point State Park: Flora, fauna, geology with special emphasis on the pygmy pine barrens.</p> <p style="text-align: right;">6822.00</p>	M 11	Promotes consevation of natural environments.
<p>Merritt New Fee Based Course</p> <p>BIOL 848OY, East Bay Ecosystems: Antioch Dunes 8 Hours</p> <p>Ecosystem of the Antioch Dunes National Wildlife Refuge: Flora, fauna, ecology, history and conservation.</p> <p style="text-align: right;">6822.00</p>	F 11	Promotes awareness of the natural world and conservation.
<p>Merritt New Fee Based Course</p> <p>BIOL 848OZ, East Bay Ecosystems: Lime Ridge 8 Hours</p> <p>Flora and ecosystems of Lime Ridge Open Space: Emphasis on rare and endangered flora including some indigenous fauna.</p> <p style="text-align: right;">6822.00</p>	M 11	Promotes awareness of the natural world and conservation.

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<p>Merritt New Fee Based Course</p> <p>BIOL 848PA, Greater Bay Area Ecosystems: Ano Nuevo in Winter 8 Hours</p> <p>Ano Nuevo State Park: Geologic history, flora and fauna with special emphasis on elephant seals. 6822.00</p>	F 11	Promotes awareness of the natural world and conservation.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PB, Greater Bay Area Ecosystems: Ano Nuevo in Summer 8 Hours</p> <p>Ano Nuevo State Park: Geologic history, flora and fauna with special emphasis on elephant seals. 6822.00</p>	M 11	Promotes awareness of the natural world and conservation.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PC, East Bay Ecosystems: Sunol Regional Park in Autumn 8 Hours</p> <p>Field course for Sunol Regional Park: Ecosystems of the area, fall flora and fauna, as well as history. 6822.00</p>	F 11	Promotes conservation and appreciation of Bay Area ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PD, East Bay Ecosystems: Sunol Region Park in Spring 8 Hours</p> <p>Field course for Sunol Regional Park: Ecosystems of the area, spring flora and fauna as well as history. 6822.00</p>	S 12	Promotes conservation and appreciation of Bay Area ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PG, Ecosystems of the Greater Bay Area: Edgewood Natural Preserve 8 Hours</p> <p>Field course for Edgewood Natural Preserve: Emphasis on flora and habitat. 6822.00</p>	S 12	Promotes conservation and appreciation of Bay Area ecosystems.

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<p>Merritt New Fee Based Course</p> <p>BIOL 848PH, Life Histories: Fire-Follower Flora 8 Hours</p> <p>Field study of local flora that require fire to flourish: Natural histories of specific species as well as general information regarding the fire-follower niche.</p> <p style="text-align: right;">6822.00</p>	M 11	Promotes conservation and understanding of local ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PJ, Ecosystems of the Greater Bay Area: Don Edwards Reserve and Coyote Hills 8 Hours</p> <p>Ecosystems of Don Edwards and Coyote Hills Reserves: Flora and fauna of brackish water and fresh water marshlands.</p> <p style="text-align: right;">6822.00</p>	S 12	Promotes conservation and appreciation of Bay Area ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PK, East Bay Ecosystems: Mt. Diablo State Park: Summit and North Peak 8 Hours</p> <p>Ecosystems of the two highest Peaks of Mt. Diablo State Park: Flora, fauna and ecology.</p> <p style="text-align: right;">6822.00</p>	S 12	Promotes conservation and appreciation of Bay Area ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PL, East Bay Ecosystems: Mt. Diablo State Park: Falls Trail Loop 8 Hours</p> <p>Ecosystems of the Falls Trail Loop in Mt. Diablo State Park: Flora, fauna and ecology.</p> <p style="text-align: right;">6822.00</p>	S 12	Promotes conservation and appreciation of Bay Area ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PM, East Bay Ecosystems: Mt. Diablo State Park: Trail Through Time 8 Hours</p> <p>Ecosystems of the Trail Through Time and connecting trails in Mt. Diablo State Park: Flora, fauna and ecology.</p> <p style="text-align: right;">6822.00</p>	S 12	Promotes conservation and appreciation of Bay Area ecosystems.

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<p>Merritt New Fee Based Course</p> <p>BIOL 848PN, East Bay Ecosystems: Mt. Diablo State Park: Moses Springs Loop 8 Hours</p> <p>Ecosystems of the Mt. Diablo State Park trails near Moses Springs: Flora, fauna and ecology. 6822.00</p>	M11	Promotes conservation and appreciation of Bay Area ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PO, East Bay Ecosystems: Mt. Diablo State Park: Stage Road Loop 8 Hours</p> <p>Ecosystems of Mt. Diablo State Park and Castle Rock Park Stage Road Loop: Flora, fauna and ecology. 6822.00</p>	F 11	Promotes conservation and appreciation of Bay Area ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PP, East Bay Ecosystems: Morgan Territory 8 Hours</p> <p>Ecosystems of Morgan Territory: Flora, fauna and ecology. 6822.00</p>	M 11	Promotes conservation and appreciation of Bay Area ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PR, Greater Bay Area Ecosystems: Mt. Hamilton Reserve 16 Hours</p> <p>Ecosystems of Mt. Hamilton Reserve: Flora, fauna and ecology. 6822.00</p>	F 11	Promotes conservation and appreciation of Bay Area ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PS, Greater Bay Area Ecosystems: McLaughlin Reserve 16 Hours</p> <p>Ecosystems of McLaughlin Reserve: Flora, fauna and ecology. 6822.00</p>	S 12	Promotes conservation and appreciation of Bay Area ecosystems.

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<p>Merritt New Fee Based Course</p> <p>BIOL 848PT, Greater Bay Area Ecosystems: Parklands of the Solano Land 8 Hours</p> <p>Flora, fauna and ecology of the parks of Sunol Land Trust: King Ranch, Swett Ranch and Lynch Canyon. 6822.00</p>	M 11	Promotes conservation and understanding of local ecosystems
<p>Merritt New Fee Based Course</p> <p>BIOL 848PU, East Bay Ecosystems: Redwood Regional Park 8 Hours</p> <p>Redwood Regional Park: Flora, fauna and ecosystem. 6822.00</p>	F 11	Promotes conservation and understanding of local ecosystems
<p>Merritt New Fee Based Course</p> <p>BIOL 848PV, East Bay Ecosystems: Redwood Regional Park Serpentine Prairie 8 Hours</p> <p>Serpentine Prairie: Flora, fauna, and ecosystem with special emphasis on edaphic factors and rare and endangered flora. 6822.00</p>	M 11	Promotes conservation and understanding of local ecosystems
<p>Merritt New Fee Based Course</p> <p>BIOL 848PW, East Bay Ecosystems: Huckleberry Ridge Preserve and Sibley Volcanic Regional Preserve 8 Hours</p> <p>Huckleberry Ridge Preserve and Sibley Volcanic Regional Preserve: Flora, fauna and ecology as well as special geologic features. 6822.00</p>	F 11	Promotes conservation and understanding of regional ecosystems.
<p>Merritt New Fee Based Course</p> <p>BIOL 848PX, East Bay Ecosystems: Ferns and their Allies 8 Hours</p> <p>Ferns and related flora found in East Bay Parks: Identification, habitats, and life cycles. 6822.00</p>	M 11	Promotes conservation and understanding of regional ecosystems.

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Merritt New Fee Based Course BIOL 848PY, East Bay Ecosystems: Wildcat Canyon 8 Hours Wildcat Canyon: Flora, fauna, and ecology. <div style="text-align: right;">6822.00</div>	M 11	Promotes conservation and understanding of regional ecosystems.
Merritt New Fee Based Course BIOL 848PZ, East Bay Ecosystems: Tilden Park 8 Hours Tilden Park: Flora, fauna and ecosystems. <div style="text-align: right;">6822.00</div>	M 11	Promotes conservation and understanding of regional ecosystems.

Merritt New Program

Certificate of Proficiency: Fluorescence Bioscience Microscopy

The Fluorescence Bioscience Microscopy certificate program prepares students for entry and mid-level jobs in bioscience imaging, research and microscopy, including in the biotech industry. A Certificate of Proficiency will be awarded upon satisfactory completion of the courses specified below. The Certificate of Proficiency is not indicated on the student's transcript.

Required Courses

BIOSC 003 Fluorescence Microscopy in Bioscience	4
BIOSC 004 Microscopy Research Practicum	1 - 3
BIOSC 013 Research Design	1
BIOSC 014 Digital Imaging Software for Microscopy	1
BIOSC 015 Live-Cell Imaging	1
BIOSC 016 Confocal Microscopy Laboratory	2
Total Units	10 - 12

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Curriculum Item:	EFF. JUSTIFICATION:
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Merritt New Program

Certificate of Proficiency: Art Foundation

The Art Foundation certificate program prepares students to enter various vocational programs and/or fields of study that require knowledge of basic drawing, painting, color and 2-D composition or design skills. A Certificate of Proficiency will be awarded upon satisfactory completion of the courses specified below. The Certificate of Proficiency is not indicated on the student's transcript.

Required courses:

ART 020 Beginning Drawing and Composition	2 - 3
ART 021 Continuing Drawing and Composition	2
ART 050 Beginning Painting	2 - 3
ART 051 Continuing Painting	2
ART 025 Beginning Figure Drawing and Composition	2
or	
ART 030 Beginning Figure Drawing: Anatomy	2
ART 026 Continuing Figure Drawing and Composition	2
or	
ART 031 Continuing Figure Drawing: Anatomy	2

At least one class of 2 or more units from the following courses:

ART 022 Intermediate Drawing and Composition	3
ART 023 Advanced Drawing and Composition	3
ART 027 Intermediate Figure Drawing and Composition	3
ART 028 Advanced Figure Drawing and Composition	3
ART 032 Intermediate Figure Drawing: Anatomy	3
ART 033 Advanced Figure Drawing: Anatomy	3
ART 034A-D Freehand Perspective Drawing	2
ART 035 Beginning Portraiture	2
ART 036 Continuing Portraiture	2
ART 041 Basic Design	2
ART 052 Intermediate Painting	3
ART 053 Advanced Painting	3
ART 060 Beginning Painting: Watercolor	2
ART 061 Continuing Painting: Watercolor	2
ART 062 Intermediate Painting: Watercolor	3
ART 063 Advanced Painting: Watercolor	3
ART 065A Botanical Drawing	1.5 - 2
ART 066 Beginning Pastel Drawing	2
ART 067 Continuing Pastel Drawing	2

Total Units	14 - 15
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Merritt New Program

Certificate of Proficiency: Botanical Illustration

The Botanical Illustration certificate program provides students with the skills and portfolio to apply to advanced scientific illustration programs, or as the basis for a career as a botanical artist. It is also an attractive resume enhancement for students in other related programs, such as landscape design, botany and biology. A Certificate of Proficiency will be awarded upon satisfactory completion of the courses specified below. The Certificate of Proficiency is not indicated on the student's transcript.

Required courses:

ART 060 Beginning Painting: Watercolor	2
ART 061 Continuing Painting: Watercolor	2
ART 065A Botanical Drawing	2
ART 065B Botanical Drawing	2
ART 065C Botanical Drawing	2
ART 065D Botanical Drawing	2
LANHT 023 Plant Terminology	2.5

Minimum of 3 units from the following courses:

LANHT 002 Plant Materials: Tree ID and Culture with Lab (Day)	3
LANHT 002E Plant Materials: Tree ID and Culture (Evening)	3
LANHT 003 Plant Materials: Ground Covers and Vines ID and Culture with Lab (Day)	3
LANHT 003E Plant Materials: Ground Covers and Vines ID and Culture (Evening)	3
LANHT 004 Plant Materials: Shrubs ID and Culture with Lab (Day)	3
LANHT 004E Plant Materials: Shrubs ID and Culture (Evening)	3
LANHT 005A Plant Materials: Fall Native Plant ID and Culture with Lab (Day)	3
LANHT 005B Plant Materials: Spring Native Plant ID and Culture with Lab (Day)	3
LANHT 005EA Plant Materials: Fall Native Plant ID and Culture (Evening)	3
LANHT 005EB Plant Materials: Spring Native Plant ID and Culture (Evening)	3
LANHT 006A Plant Materials: Fall Herbaceous Plant ID and Culture with Lab (Day)	3
LANHT 006B Plant Materials: Spring Herbaceous Plant ID and Culture with Lab (Day)	3
LANHT 006EA Plant Materials: Fall Herbaceous Plant ID and Culture (Evening)	3
LANHT 006EB Plant Materials: Spring Herbaceous Plant ID and Culture (Evening)	3
LANHT 007 Plant Materials: Conifer ID and Culture with Lab (Day)	3
LANHT 007E Plant Materials: Conifer ID and Culture (Evening)	3

Total Units **17.5**

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Curriculum Item: **EFF. JUSTIFICATION:**

Merritt New Program

Certificate of Proficiency: Ceramics

The Ceramics certificate program is a comprehensive preparation for employment in the field of ceramic arts. Introductory through advanced coursework allows students to build and refine broad-based skills and concepts from design principles to portfolio development. Merritt College Ceramics students have exhibited art work in gallery and museum venues, been featured in national publications, catalogs and books, and have lectured at conferences and symposia. Upon completion of this program, students have obtained jobs in the profession including college ceramics technician, community arts center instructor, assistant to noted Bay Area artists or public art commissions, ceramic supply salesperson, gallery representative, and as studio artists. A Certificate of Proficiency in Ceramics will be awarded upon satisfactory completion of course requirements. A Certificate of Proficiency will be awarded upon satisfactory completion of the courses specified below. The Certificate of Proficiency is not indicated on the student's transcript.

Required courses:

ART 009 History of World Ceramics: Past and Present	3
ART 080 Beginning Ceramics	2 - 3
ART 082 Intermediate Ceramics	3
ART 083 Advanced Ceramics	3
ART 087 Ceramic Sculpture	3
ART 088 Special Projects: Ceramic Sculpture	2

Total Units **16 - 17**

Merritt New Program

Certificate of Proficiency: Human Resource Management

The Human Resource certificate program allows students to explore the HRM field as a career choice and gain an entry level support position in a human resource department. Students may further their education by completing Business transfer degree requirements to major in Business Administration, Business Management, or related fields. A Certificate of Proficiency will be awarded upon satisfactory completion of the courses specified below. The Certificate of Proficiency is not indicated on the student's transcript.

Certificate of Proficiency Requirements:

BUS 2 Introduction to Business Law	3
BUS 51 Supervisory Management	3
BUS 52 Psychology and Human Relations	3
BUS 56 Human Resource Management	3
COMM 20 Interpersonal Communication Skills	3

Total Units **15**

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Curriculum Item: **EFF. JUSTIFICATION:**

Merritt New Program

Certificate of Proficiency: Retail Management

The Retail Management certificate program is designed to prepare students for entry level trainee positions as a retail manager in charge of an individual retail shop or department. Retail managers ensure that retail establishments run efficiently and effectively; they also hire, train, and supervise employees. . A Certificate of Proficiency will be awarded upon satisfactory completion of the courses specified below. The Certificate of Proficiency is not indicated on the student's transcript.

Certificate of Proficiency Requirements:

BUS 010 Introduction to Business	3
BUS 070 Introduction to Marketing	3
BUS 074 Introduction to Advertising	3
BUS 001A Financial Accounting	4
or	
BUS 020 General Accounting	3
BUS 72 Principles of Retailing	3
COPED 456E Occupational Work Experience in General Business	1
Total Units	17

Merritt New Program

Certificate of Proficiency: Small Business Management

The Small Business Management certificate program is designed to aid those students who already manage their own business, are contemplating starting their own business, or who work for a small business concern. This program provides basic knowledge in the fields of accounting, marketing, and management. . A Certificate of Proficiency will be awarded upon satisfactory completion of the courses specified below. The Certificate of Proficiency is not indicated on the student's transcript.

Certificate of Proficiency Requirements:

BUS 002 Introduction to Business Law	3
BUS 010 Introduction to Business	3
BUS 001A Financial Accounting	4
BUS 020 General Accounting	3
or	
BUS 054 Small Business Management	3
BUS 070 Introduction to Marketing	3
Total Units	16

**PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS**

Date Submitted For:
CIPD Approval: 5/2/2011

Date Submitted For:
Board Approval: 5/24/2011

Curriculum Item: **EFF. JUSTIFICATION:**

Merritt Program Change

A.A. Degree and Certificate of Achievement: BUSINESS INFORMATION PROCESSING

Students in the Business Information Processing program acquire proficiency working with computer technology and business software applications and learn to manage business information processing needs with current Office software applications, Internet and web work via business correspondence and a variety of documents, presentation graphics, database management, spreadsheet creation, integration of applications, and business resource and support departments. The AA degree in Business Information Processing will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. A Certificate of Achievement will be awarded upon satisfactory completion of the Major course requirements.

Degree Major/Certificate of Achievement Requirements:

BUS 005 Human Relations in Business	3
BUS 020 General Accounting	3
BUS 231D-F Intermediate Keyboarding (Self-Paced) (1-1-1)	3
BUS 244A Beginning MS Word Applications	3
BUS 244C Advanced Word Processing	3
BUS 010 Introduction to Business	3
COMM 020 Interpersonal Communication Skills	3
CIS 001 Introduction to Computer Information Systems	4
or	
CIS 005 Introduction to Computer Science	5
CIS 040 Database Management	4
CIS 042 Spreadsheet Applications	4
CIS 234A World Wide Web Publishing I	2
CIS 234D Web Authoring	2
CIS 234E Creating an E-Commerce Web Site	2
COPED 450 General Work Experience	1
Require typewriting proficiency via credit by exam at 45 NWPM for graduation.	
Select a minimum of 6 units from the following:	
HLTOC 201 Medical Terminology I	2
PARLG 001 Law and the Legal Profession	3
PARLG 004 Law Office Management	2
PARLG 006 Legal Research	3

Recommended: Units

<i>BUS 054 Small Business Management</i>	<i>3</i>
<i>BUS 070 Introduction to Marketing</i>	<i>3</i>
<i>BUS 074 Introduction to Advertising</i>	<i>3</i>

Total Units 25 34 - 35

*ENGL 1A is required for transfer and for the Associate degree.
MATH 203 or higher is required for the Associate degree
MATH 13 or higher is required for transfer.*

**PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS**

Date Submitted For:
CIPD Approval: 5/2/2011

Date Submitted For:
Board Approval: 5/24/2011

Curriculum Item: **EFF. JUSTIFICATION:**

Merritt Program Change

A.A. Degree: ADMINISTRATIVE OFFICE SYSTEMS AND APPLICATIONS

The Administrative Office Systems and Applications AA degree program prepares students to work in an office environment of people and prepares students to assume positions as office managers, supervisors, or as assistants to top executives. These positions use a variety of office technology and computer-based applications (word processing, electronic mail, desktop publishing, presentation graphics, database, and spreadsheet.). Classes emphasize technology, proofreading and editing, document formatting, electronic filing, transcription, human relations, and computerized 10-key. Students will develop administrative skills necessary to participate as part of the management team. Office management personnel assist in planning, organizing, and controlling the information related activities and in leading or directing people to attain the objectives of the organization. They support and help facilitate accurate communication and information exchange to internal and external customers on a timely basis. The AA degree in Administrative Office Systems and Applications will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements.

Degree Major Requirements:

BUS 005 Human Relations in Business	3
BUS 010 Introduction to Business	3
BUS 020 General Accounting	3
or	
BUS 001A Financial Accounting	4
BUS 201 Business Communications *	3
BUS 205 Filing and Records Management	3
BUS 230D-F Beginning Keyboarding (Self-Paced) (1-1-1)	3
BUS 244A Beginning MS Word Applications	3
BUS 244C Advanced Word Processing	3
or	
BUS 221A-C Office Procedures and Practices (Self-Paced) (1-1-1)	3
CIS 001 Introduction to Computer Information Systems	4
or	
CIS 005 Introduction to Computer Science	5
CIS 040 Database Management	4
CIS 042 Spreadsheet Applications	4
COMM 020 Interpersonal Communication Skills	3
COPEd 456Q Occupational Work Experience in Administrative Office Systems & Applications 1	
or	
COPEd 450 General Work Experience	1
<i>Require typewriting proficiency via credit by exam at 45 NWPM for graduation.</i>	

Recommended: Units

BUS 002 Introduction to Business Law	3
BUS 050 Principles of Management	3
BUS 070 Introduction to Marketing	3
ECON 001 Principles of Economics (Macro-Economics)	3
ECON 002 Principles of Economics (Micro-Economics)	3
Total Units	38-40 25 – 27

ENGL 1A is required for transfer and for the Associate degree.
MATH 203 or higher is required for the Associate degree and
Math 13 or higher is required for transfer

**PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS**

Date Submitted For:
CIPD Approval: 5/2/2011

Date Submitted For:
Board Approval: 5/24/2011

Curriculum Item: **EFF. JUSTIFICATION:**

Merritt Program Change

A.A. Degree and Certificate of Achievement: ADMINISTRATIVE ASSISTANT

The Administrative Assistant program is designed to equip a student for employment as a valuable member in an organization with professional support skills. The student will learn how to support a business office through acquisition of organized and efficient skills in current office technology using Microsoft Office to develop business correspondence and prepare documents, reports, presentations, spreadsheets, and more. The AA degree in Administrative Assistant will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. A Certificate of Achievement will be awarded upon satisfactory completion of the Major course requirements.

Degree Major/Certificate of Achievement Requirements:

BUS 005 Human Relations in Business	3
BUS 010 Introduction to Business	3
BUS 201 Business Communications *	3
BUS 205 Filing and Records Management	3
BUS 221A-C Office Procedures and Practices (Self-Paced) (1-1-1)	3
BUS 230D-F Beginning Keyboarding (Self-Paced) (1-1-1)	3
BUS 244A Beginning MS Word Applications	3
<i>BUS 020 General Accounting</i>	3
CIS 001 Introduction to Computer Information Systems	4
or	
CIS 005 Introduction to Computer Science	5
<i>COMM 020 Interpersonal Communication Skills</i>	3
<i>CIS 040 Database Management</i>	4
<i>CIS 042 Spreadsheet Applications</i>	4
<i>COPEd 450 General Work Experience</i>	1 - 3
<i>Require typewriting proficiency via credit by exam at 45 NWPM for graduation.</i>	

Recommended:

Bus 20, General Accounting (3)	
Bus 202 Business Mathematics (3) **	
Bus 244C, Advanced Word Processing (3)	
ENGL 001A Composition and Reading	4
MATH 203 Intermediate Algebra	4
or	
MATH 013 Introduction to Statistics	4

Total Units **27-28 25 - 28**

**PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS**

Date Submitted For:
CIPD Approval: 5/2/2011

Date Submitted For:
Board Approval: 5/24/2011

Curriculum Item:

EFF. JUSTIFICATION:

Merritt Program Change

Certificate of Proficiency: LEGAL OFFICE ASSISTANT

The Legal Office Assistant program is designed to qualify a student for immediate employment as a Legal Office Assistant in a legal office. Training includes computer application skills in word processing, spreadsheets, database and presentation software, and a basic introduction to the legal profession, law office management, and legal research. A Certificate of Proficiency will be awarded upon satisfactory completion of the courses specified below. The Certificate of Proficiency is not indicated on the student's transcript.

Certificate of Proficiency Requirements:

BUS 244A Beginning MS Word Applications	3
BUS 230D-F Beginning Keyboarding (Self-Paced) (1-1-1)	3
CIS 001 Introduction to Computer Information Systems	4
or	
CIS 005 Introduction to Computer Science	5
COMM 020 Interpersonal Communication Skills	3
PARLG 001 Law and the Legal Profession	3
PARLG 004 Law Office Management	2
PARLG 006 Legal Research	3

Require typewriting proficiency via credit by exam at 45 NWPM for graduation.

Recommended:

COPED 474A Occupational Work Experience in Paralegal Studies	1 - 4
or	
COPED 450 General Work Experience	1 - 3

Recommended:

Total Units

17 16 – 20



MEMORANDUM

DATE: May 2, 2011

TO: Council on Instruction, Planning, and Development

FROM: General Education Subcommittee:
L. Alvarez-Bollentino, J. Bielanski, S. Lau, S. Pantell, S. Queen, C. Smith

RE: RECOMMENDED ADDITIONS TO 2011-2012 GENERAL EDUCATION REQUIREMENTS FOR
AA/AS DEGREES

The General Education Subcommittee met on April 4, 2011 to review proposed changes to the General Education courses required for AA/AS Degrees at the four Peralta Colleges. Each course was reviewed using the criteria contained in Peralta Community College District Board Policy 5.20, Requirements for Degrees and Certificates.

The committee recommends approval of the enclosed list of courses.

**GENERAL EDUCATION SUB-COMMITTEE
COURSE CHANGES FOR ACADEMIC YEAR 2011 - 2012**

AREA 1 - NATURAL SCIENCES

Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
CHEM	12A	Organic Chemistry	5	
CHEM	12B	Organic Chemistry	5	
Delete: NONE				
College of Alameda				
Add: NONE				
Delete:				
BIOL	12A	General Ecology	3	
BIOL	12B	General Ecology	3	
BIOL	14	California Field Ecology	3	
Laney College				
Add:				
PHYS	99	Physics for Building Science (New Course, Same as ECT 1 - AA/AS area 1)	3	
PHYSC	25	Climate Change	3	
Delete: NONE				
Merritt College				
Add: NONE				
Delete: NONE				
AREA 2 - SOCIAL AND BEHAVIORAL SCIENCES				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add: NONE				
Delete:				
ANTHR	5	American Indian History and Culture	3	Area 5
ECON	30	Survey of Economics	4	
PSYCH	1B	Introduction to General Psychology	3	
PSYCH	24	Abnormal Psychology	3	
SOC	10	Introduction to the Sociology of Work	4	
College of Alameda				
Add:				
POSCI	31	Introduction to Public Administration	3	
POSCI	32	Learning Organization Governance	3	
Delete:				
GEOG	3	World Regional Geography	3	
HIST	1	American Indian History and Culture	3	Area 5
HIST	15	Twentieth Century America	3	
PSYCH	8	Psychology of Intimate Relationships	3	
PSYCH	13A	Myth, Symbol, and Folklore	3	
PSYCH	13B	Myth, Symbol, and Folklore	3	
Laney College				
Add: NONE				
Delete:				
ANTHR	2	Introduction to Archaeology and Prehistory (Deactivation, fall 2009)	3	
HIST	2A	History of European Civilization (Deactivation)	3	
HIST	2B	History of European Civilization (Deactivation)	3	
HIST	32	The United States Since 1945 (Deactivation)	3	
Merritt College				

**GENERAL EDUCATION SUB-COMMITTEE
COURSE CHANGES FOR ACADEMIC YEAR 2011 - 2012**

Add:				
ENVMT	3	Social Issues in Agriculture	3	
ENVMT	5	Oakland Food Culture	3	Area 3
Delete:				
ENVMT	13	Environmental Law	3	
ENVMT	15	Environmental Economics	3	
ENVMT	27	Ethnoecology: Ethnic Environmental Studies	3	
AREA 3 – HUMANITIES				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
ART	16	Introduction to Islamic Art	3	
PHIL	20A	History of Ancient Greek Philosophy	3	
PHIL	20B	History of Modern European Philosophy	3	
Delete:				
COMM	2A	The Fundamentals of Oral Interpretation of Literature	3	Area 4d
COMM	2B	The Fundamentals of Oral Interpretation of Literature	3	Area 4d
ENGL	35A	Introduction to Film	2-3	
ENGL	35B	Introduction to Drama	2-3	
HUMAN	10	Creativity in Theory and Practice	3	
College of Alameda				
Add: NONE				
Delete:				
ENGL	217A	Shakespeare	3	
ENGL	217B	Shakespeare	3	
ENGL	227A	The Bible as Literature: Old Testament	3	
ENGL	227B	The Bible as Literature: New Testament	3	
ENGL	230A	Introduction to American Literature	3	
ENGL	231	Survey of African-American Literature	3	Area 5
ENGL	232A	Contemporary Women Writers	3	
ENGL	232B	Contemporary Women Writers	3	
ENGL	236	Women in Literature	3	
ENGL	247	Children's Literature	3	
Laney College				
Add:				
JAPAN	1B	Elementary Japanese	5	
Delete: NONE				
Merritt College				
Add:				
ENVMT	4	Agricultural Literature	3	Area 4d
ENVMT	5	Oakland Food Culture	3	Area 2
Delete: NONE				
AREA 4a - ENGLISH COMPOSITION				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
Delete: NONE				
ENGL	101A	Integrated Composition Studies	2	4d
ENGL	101B	Integrated Composition Studies	2	4d
College of Alameda				
Add: NONE				

**GENERAL EDUCATION SUB-COMMITTEE
COURSE CHANGES FOR ACADEMIC YEAR 2011 - 2012**

Delete: NONE				
Laney College				
Add:				
ESL	110	Academic Writing and Reading	6	4d
ENGL	110	Academic Writing and Reading	6	4d
Delete: NONE				
Merritt College				
Add: NONE				
Delete: NONE				
AREA 4b – MATHEMATICS				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add: NONE				
Delete: NONE				
College of Alameda				
Add: NONE				
Delete: NONE				
Laney College				
Add: NONE				
Delete: NONE				
Merritt College				
Add: NONE				
Delete: NONE				
AREA 4c - COMPUTER LITERACY				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
MMART	228C	Introduction to InDesign Desktop Publishing (cross-listed w/CIS 228C already approved for area 4C)	2	
MMART	229C	InDesign Desktop Publishing – Continuation (cross-listed w/CIS 229C already approved for area 4C)	2	
Delete: NONE				
College of Alameda				
Add:				
LIS	85	Introduction to Information Resources	2	
Delete:				
BUS	226	Word Processing for Legal Professionals	2	
Laney College				
Add:				
ECT	37	Introduction to PC Hardware & Software for Building Technicians	3	
E/ET	37	Introduction to PC Hardware & Software for Building Technicians	3	

**GENERAL EDUCATION SUB-COMMITTEE
COURSE CHANGES FOR ACADEMIC YEAR 2011 - 2012**

LIS	85	Introduction to Information Resources	2	
Delete:				
LIS	90	Information Competency for Humanities, Social Sciences and Behavioral Sciences (Deactivation)	1	
Merritt College				
Add:				
LIS	85	Introduction to Information Resources	2	
Delete:				
BUS	244A	Beginning MS Word Applications	3	
BUS	244C	Advanced Word Processing	3	
AREA 4d - ORAL or WRITTEN COMMUNICATION, or LITERATURE				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
BUS	59	Technical Writing	3	
Delete:				
COMM	2A	The Fundamentals of Oral Interpretation of Literature	3	Area 3
COMM	2B	The Fundamentals of Oral Interpretation of Literature	3	Area 3
ENGL	101A	Integrated Composition Studies	2	4a
ENGL	101B	Integrated Composition Studies	2	4a
College of Alameda				
Add:				
COMM	12	Organizational Communication	3	
Delete:				
ENGL	202	Reading for Information	3	
ENGL	206A	English Grammar	3	
ENGL	206B	English Grammar	3	
Laney College				
Add:				
ESL	110	Academic Writing and Reading	6	4a
ENGL	110	Academic Writing and Reading	6	4a
Delete:				
ENGL	211	Introduction to Critical Thinking (Deactivation)	3	
Merritt College				
Add:				
BIOSC	34	Writing for the Scientific Journal	1-3 (3 unit min)	
COMM	3	Introduction to Human Communication	3	
ENVMT	4	Agriculture Literature	3	Area 3
Delete:				
ESL	21A	Writing 5 (Composition and Reading)	5	
ESL	21B	Writing 6 (Composition and Reading)	5	
AREA 4e - COMMUNICATION and ANALYTICAL THINKING				
Prefix	#	Title	Units	Also In
College of Alameda				
Add: NONE				
Delete: NONE				
AREA 5 - ETHNIC STUDIES				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add: NONE				
Delete:				
ANTHR	5	American Indian History and Culture	3	Area 2

**GENERAL EDUCATION SUB-COMMITTEE
COURSE CHANGES FOR ACADEMIC YEAR 2011 - 2012**

College of Alameda				
Add: NONE				
Delete:				
HIST	1	American Indian History and Culture	3	Area 2
ENGL	231	Survey of African-American Literature	3	Area 3
Laney College				
Add: NONE				
Delete: NONE				
Merritt College				
Add: NONE				
Delete: NONE				

College Credit for Advanced Placement (AP) Tests, International Baccalaureate (IB), and the College-Level Examination Program (CLEP)

General Guidelines

In order to receive credit for either AP, IB, or CLEP

- You must be enrolled in the Peralta Community College District to apply for such credit
- You are not required to have completed any specific number of units in the Peralta Community College District prior to applying for such credit
- You may use units earned through any of these exams to meet Certificate and Associate Degree requirements (to see the unit values awarded by the Peralta District for any of these exams, please see the charts that follow each section)
- You may not use units from these exams to satisfy financial aid, veterans, or EOPS eligibility criteria
- You may not use units from these exams to satisfy the 12-unit residency requirement at any of the Peralta Community College District's four colleges
- If you have earned credit from an AP, IB, or CLEP exam, you should not enroll in a comparable college course because credit will not be granted for both the exam and the course.

Advanced Placement Tests

You will be granted credit for College Entrance Examination Board (CEEB) Advanced Placement (AP) tests with **scores of 3, 4, 5** (see the AP chart which follows) in specific subject areas for certificates, Associate Degrees, CSU General Education Breadth certification and IGETC certification.

The unit/credit value granted for a college certificate or Associate Degree may vary from the unit/credit value given by a UC or a CSU.

You may use units earned by AP examinations toward CSU, General Education Breadth Certification, (partial or full), according to the CSU approved list below and you may use units earned by AP examinations to meet Intersegmental General Education Transfer Curriculum (IGETC) as per the approved list below. Each AP exam may be applied to one IGETC area as satisfying one course requirement, with the exception of Language Other Than English (LOTE).

There is no equivalent AP exam for IGETC Area 1B or CSU GE Breadth Area A3, Critical Thinking/Composition. There is no equivalent AP exam for IGETC Area 1C or CSU GE Breadth Area A1, Oral Communication.

If you have passed more than one AP exam in Calculus, only one exam may be used for credit/unit purposes for a certificate, Associate Degree, CSU GE certification, and IGETC certification.

Some four-year institutions (e.g., out-of-state, independent) may not accept AP credit.

Actual transfer credit awarded for admission is determined by the CSU and UC.

Individual CSU and UC campuses continue to determine the applicability and quantity of AP credits granted toward major or baccalaureate degree requirements.

In some areas, CSU grants additional units for elective credit toward eligibility for admission. The CSU campus to which you transfer determines the total number of units to be awarded for successful completion of Advanced Placement examination(s) and how the exam scores may apply to other graduation requirements.

For IGETC certification, AP exams in Biology, Chemistry, or Physics B allow a community college to apply 4 semester or 5 quarter units to IGETC certification (as noted in the chart below). For Environmental Science, Physics C: Mechanics and Physics C: Electricity, Magnetism, 3 semester or 4 quarter units are applied for IGETC certification (as noted below); therefore, students who have completed these exams will be required to complete at least 4 semester or 5 quarter units to satisfy the minimum required units for Area 5.

For CSU GE certification, if you pass more than one AP exam in Physics, only four units of credit may be applied to the certification.

The University of California Advanced Placement Policy can be found at their website:

<http://www.universityofcalifornia.edu/educators/counselors/admininfo/freshman/advising/credit/aptest.html>

The California State University Advanced Placement Policy can be found at their website:

http://www.calstate.edu/app/general_education.shtml

Advanced Placement Procedures

If you wish to apply for AP credit having received a **score of 3, 4, 5** on any of the exams listed below, you should:

1. Obtain a “Petition for Advanced Placement Examination Credit” from the Admissions and Records Office;
2. Attach official copies of AP score reports from the College Board or an official copy of your high school transcript (if it reports Advanced Placement Examinations); and
3. Take the completed petition and supporting documentation to a counselor for review.
4. If you wish to receive credit for an AP examination not on this list, you should obtain a petition from the Admissions and Records Office and submit it to the Vice President of Instruction, who will evaluate requests on a case-by-case basis.

AP Exam	PCCD Course ¹	PCCD GE Area	PCCD Units	CSU GE Area and/or A.I.	CSU Units	IGETC Area	IGETC Units
Art History	ART 1 or 4	3	3	C1 or C2	3	3A or 3B	3
Biology	BIOL 10	1	4	B2 and B3	4	5B w/lab	4
Chemistry	CHEM 30A	1	4	B1 and B3	4	5A w/lab	4
Chinese Language/Culture	CHIN 1 or 30A	3	5	C2	3	3B and 6A	3
Computer Science A	N/A	4c	1	N/A	N/A	N/A	N/A
Economics: Macro	ECON 1	2	3	D2	3	4B	3
Economics: Micro	ECON 2	2	3	D2	3	4B	3
English Language	ENGL 1A	4a or 4d	4	A2	3	1A	3
English Literature	ENGL 1A & 1B	3 and 4d	8	A2 and C2	6	1A or 3B	3
Environmental Science	N/A	1	3	B1 and B3	4	5A w/Lab	3
French Language	FREN 1A	3	5	C2	3	3B and 6A	3
German Language	GERM 1A	3	5	C2	3	3B and 6A	3
Government/Politics: Comparative	POSCI 2	2	3	D8	3	4H	3
Government/Politics: U.S.	POSCI 1	2	3	D8 + US 2	3	4H + (US 2)	3
History: European	HIST 2A OR 2B	2	3	C2 or D6	3	3B or 4F	3
History: U.S.	HIST 7A OR 7B	2	3	C2 or D6 + US 1	3	3B or 4F + (US 1)	3
History: World	HIST 3	2	3	C2 or D6	3	3B or 4F	3
Human Geography	GEOG 2	2	3	D5	3	4E	3
Japanese Language/Culture	JAPAN 1A	3	5	C2	3	3B and 6A	3

AP Exam	PCCD Course ¹	PCCD GE Area	PCCD Units	CSU GE Area and/or A.I.	CSU Units	IGETC Area	IGETC Units
Latin: Vergil	N/A	3	3	C2	3	3B and 6A	3
Mathematics: Calculus AB	MATH 3A	4b	5	B4	3	2A	3
Mathematics: Calculus BC	MATH 3A OR 3B	4b	5	B4	3	2A	3
Mathematics: Calculus BC/AB Subscore	MATH 3A	4b	5	B4	3	2A	3
Mathematics: Statistics	MATH 13	4b	4	B4	3	2A	3
Physics B	PHYS 2A	1	5	B1 and B3	4	5A w/Lab	4
Physics C: Electricity/Magnetism	PHYS 4B	1	5	B1 and B3	4	5A w/Lab	3
Physics C: Mechanics	PHYS 4A	1	5	B1 and B3	4	5A w/Lab	3
Psychology	PSYCH 1A	2	3	D9	3	4I	3
Spanish Language	SPAN 1A	3	5	C2	3	3B and 6A	3
Spanish Literature	N/A	3	3	C2	3	3B and 6A	3

¹The Peralta Community College District (PCCD) course associated with the Advanced Placement examination. These courses will only be used to establish PCCD pre-requisites and/or course equivalencies. Please see a Counselor for specific information.

International Baccalaureate Examination Program

The Peralta Community College District may award International Baccalaureate Examination (IB) credit toward a Certificate or Associate Degree, or for CSU GE or IGETC transfer certification to those who attain an appropriate score on Higher Level (HL) Exams. If you are intending to transfer to a four-year institution, you should consult with a counselor or the individual institution regarding its IB credit policy for major course work.

A score of 5, 6, or 7 on Higher Level exams is required to grant credit for IGETC and CSU GE Breadth certification (exception: a score of 4 on the following IB subjects is considered a passing score for CSU GE Breadth certification: Language A1 HL, Language A2 HL, Language B HL, Mathematics HL, and Theatre HL). An acceptable IB score for IGETC or CSU GE Breadth equates to either 3 semester or 4 quarter units for certification purposes.

If you have earned credit from an IB exam, you should not enroll in a comparable college course because credit will not be granted for both. (CSU may grant additional units for eligibility for admission.)

If you wish to apply for IB credit, you should:

1. Obtain a "Petition for International Baccalaureate Examination Credit" from the Admissions and Records Office;
2. Attach an official IB transcript;
3. Take the completed petition and supporting documentation to a counselor for review.

IB Exam	PCCD GE Area	PCCD GE Units	CSU GE Area	CSU GE Units	IGETC Area	IGETC Units
Biology HL	1	3	B2	3	5B w/o lab	3
Chemistry HL	1	3	B1	3	5A w/o lab	3
Economics HL	2	3	D2	3	4B	3
Geography HL	2	3	D5	3	4E	3
History HL (any region)	2	3	C2 or D6	3	3B or 4F	3
Language A1 HL (any language, except English)	3	3	C2	3	3B and 6A	3
Language A2 HL (any language, except English)	3	3	C2	3	3B and 6A	3
Language A1 HL (any language)	3	3	C2	3	3B	3
Language A2 HL (any language)	3	3	C2	3	3B	3
Language B HL (any language)	3	3	n/a	0	6A	3
Mathematics HL	4b	3	B4	3	2A	3
Physics HL	1	3	B1	3	5A w/o lab	3
Psychology HL	2	3	D9	3	4I	3
Theatre HL	3	3	C1	3	3A	3

College-Level Examination Program (CLEP)

The following CLEP examinations can be used for credit toward a Certificate, Associate Degree, or CSU GE Breadth certification. CLEP exams cannot be used for IGETC certification. You must have achieved **at least a score of 50** on any of the following exams with the exception of a score of **59 on French Level II, 60 on German level II, and 63 on Spanish level II.**

If you have earned credit from a CLEP exam, you should not enroll in a comparable college course because credit will not be granted for both.

CSU may grant additional units for elective credit toward eligibility for admission. Also, there are some CLEP exams not listed below for which CSU may grant elective credit. Please check with the CSU to which you plan to transfer.

If you wish to apply for CLEP credit, you should:

1. Obtain a "Petition for CLEP Credit" from the Admissions and Records Office;
2. Attach official copies of CLEP score reports from the College Board;
3. Take the completed petition and supporting documentation to a counselor for review.

CLEP Exam	PCCD GE Area	PCCD GE Units	Units for CSU GE	CSU GE Area and/or American Institutions
American Government	2	3	3	D8
American Literature	3	3	3	C2
Analyzing and Interpreting Literature	3	3	3	C2
Biology	1	3	3	B2
Calculus	4b	5	3	B4
Chemistry	1	3	3	B1
College Algebra	4b	3	3	B4
College Algebra- Trigonometry	4b	3	3	B4
English Literature	3	3	3	C2
French Level II	3	3	3	C2
German Level II	3	3	3	C2
History, United States I	2	3	3	D6+US-1
History, United States II	2	3	3	D6+US-1
Human Growth and Development	2	3	3	E
Humanities	3	3	3	C2
Information Systems and Computer Applications	4c	1	0	n/a
Introductory Psychology	2	3	3	D9
Introductory Sociology	2	3	3	D0
Natural Sciences	1	3	3	B1 or B2
Pre-Calculus	4b	4	3	B4
Principles of Macroeconomics	2	3	3	D2
Principles of Microeconomics	2	3	3	D2
Spanish Level II	3	3	3	C2
Trigonometry	4b	3	3	B4
Western Civilization I	2	3	3	C2 or D6
Western Civilization II	2	3	3	D6