



Curriculum & Instruction Recommendations May 2012

Educational Services
Office of the Vice Chancellor
Presented and Approved at Board Meeting of June 12, 2012

CURRICULUM AND INSTRUCTION RECOMMENDATIONS
May 2012

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

Date Submitted For:
CIPD Approval: 5/7/2012

Date Submitted For:
Board Approval: 6/12/12

Curriculum Item:	EFF.	JUSTIFICATION:
<p>Berkeley Course Deletion MMART 122A History of Video Art MMART 124 Media Interpretation and Criticism MMART 159 Interactive Video MMART 159L Interactive Video Lab MMART 176 3D Web Animation MMART 176L 3D Web Animation Lab MMART 179 Animation Layout and Visual Development MMART 180L Animation Special Effects Lab MMART 229C InDesign Desktop Publishing--Continuation PSYCH 012 Human Sexuality</p>	M 12	The college has no plans to offer these courses in the future.
<p>Berkeley Informational Item ENGL 138, Survey of Asian American Literature ESL 050A Advanced Listening and Speaking ESL 050B Oral Communication for Advanced ESL Students ESL 052A Advanced Reading and Writing ESL 052B Advanced Reading and Writing ESL 215A Intermediate Grammar ESL 215B Intermediate Grammar ESL 216A High Intermediate Grammar ESL 216B High Intermediate Grammar ESL 217A Advanced Grammar ESL 217B Advanced Grammar ESL 219A Applied Grammar and Editing ESL 219B Applied Grammar and Editing ESL 222A Intermediate Reading and Writing ESL 222B Intermediate Reading and Writing ESL 223A High Intermediate Reading and Writing ESL 223B High Intermediate Reading and Writing ESL 232A Intermediate Listening and Speaking ESL 232B Intermediate Listening and Speaking ESL 233A High Intermediate Listening and Speaking ESL 233B High Intermediate Listening and Speaking ESL 283A High Beginning Listening and Speaking ESL 283B High Beginning Listening and Speaking ESL 284A High Beginning Grammar ESL 284B High Beginning Grammar ESL 285A High Beginning Reading and Writing ESL 285B High Beginning Reading and Writing</p>	M 12	DE Addendum

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Date Submitted For:
Board Approval: 6/12/12

Curriculum Item:	EFF.	JUSTIFICATION:
<p>Berkeley Modified Course Proposal</p> <p>HIST 010B, History of Africa Since 1750 African civilization in the 20th Century: the rise since 1750: Rise of African nationalism and independence and the creation of new African states.</p> <p style="text-align: right;">2205.00</p>	M 12	Updating the course title and description. Meets AA elective requirements. Area Studies course for Global Studies Program AA
<p>Berkeley Modified Course Proposal</p> <p>SOC 1, Introduction to Sociology <i>Recommended Preparation: ENGL 1A</i></p> <p>Introduction to Sociology <i>Basic concepts, theoretical approaches, and methods of sociology: Analysis and explanation of human group life through principles, concepts, and theories social structure, group dynamics, socialization and the self, social stratification, culture and diversity, social change and global dynamics.</i></p> <p style="text-align: right;">2208.00</p>	M 12	Updating course description. Meets AA degree and Transfer requirements.
<p>Berkeley Modified Course Proposal</p> <p>SOC 13, The Sociology of the Family Social forces and emotional factors which contribute to marriage and family ties: The changing economy and values on the historic, economic and socio-cultural forces that shape relationships between among men, and women, parents and children.</p> <p style="text-align: right;">2208.00</p>	F 12	Updating the course title and description. Meets AA and transfer requirements.
<p>Berkeley New Course</p> <p>SPAN 048UD, Spanish Study Abroad: Cuba 1 Units, 1 Hour Lecture (GR/PNP)</p> <p>In-depth study of Cuban culture and language through immersion: Culture, history, and geography of Cuba; colloquialisms of Cuban Spanish. Course is conducted primarily in Spanish.</p> <p style="text-align: right;">1105.00</p>	M 12	The purpose of this course is to give the Modern Languages Dept. the flexibility to have an immersion option for students. Immersion is an efficient way to learn a foreign language and its culture. This course could be contextualize and taught in different Spanish-speaking countries and be culturally appropriate to that country.

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Berkeley New Program

Associate in Science Degree in Business Administration for Transfer AS-T Degree

The Associate in Science Degree in Business Administration for Transfer is designed to prepare students for a seamless transfer with junior status and priority admission to their local CSU campus to a program or major in Business Administration or similar major for completion of a baccalaureate degree. Students are required to complete: (1) a minimum of 27 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. (2) 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. (3) No more than 60 semester units are required. The Associate in Science Degree in Business Administration for Transfer will also assist Business Administration major students to transfer to a U.C. or other baccalaureate institutions. Students are advised to consult with a counselor to verify transfer requirements.

Required Courses

BUS 001A Financial Accounting	4
BUS 001B Managerial Accounting	4
ECON 002 Principles of Economics (Micro-Economics)	3
ECON 001 Principles of Economics (Macro Economics)	3
BUS 002 Introduction to Business Law	3
MATH 016A Calculus for Business and the Life and Social Sciences	3
MATH 013 Introduction to Statistics	4
BUS 010 Introduction to Business	3
IGETC or CSU GE-Breadth Education pattern and elective courses	33
Total Units	60

Berkeley New Program

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

The Associate in Science Degree in Mathematics for Transfer is designed to prepare students for a seamless transfer with junior status and priority admission to their local CSU campus to a program or major in Mathematics or similar major for completion of a baccalaureate degree. Students are required to complete: (1) a minimum of 21 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework; (2) 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; (3) No more than 60 semester units are required. The Associate in Science Degree in Mathematics for Transfer will also assist Mathematics major students to transfer to a U.C. or other baccalaureate institutions. Students are advised to consult with a counselor to verify transfer requirements.

Required Courses

MATH 003A Calculus I	5
MATH 003B Calculus II	5
MATH 003C Calculus III	5
MATH 003E Linear Algebra	3
MATH 003F Differential Equations	3
General Education IGETC or CSU-GE Breadth and Electives	39
Total Units	60

For the Associate in Science Degree in Mathematics for Transfer, you must complete the IGETCE or CSU-GE Breadth General Education pattern.

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EFF. JUSTIFICATION:

COA Course Deletion

M 12

The college has no plans to offer these courses in the future.

ANTHR 5; American Indian History And Culture
DENTL 248AA; Orientation to Dental Assisting
DENTL 248AB; Infection Control and Sterilization
DENTL 248AC; Dental Anatomy
DENTL 248AD; Basic Clinical Dentistry
DENTL 248AE; Instruments And Lab Procedures
DENTL 251, Dental Terminology
DENTL 252; Overview of the Dental Assisting Profession
ENGL 36, Women in Literature
ENGL 211; Introduction to Critical Thinking
ENGL 256, Basic Grammer
ENGL 257 Writing Strategies
ENGL 267A, Basic Writing
ENGL 270;The Writing Center
SOC 13, The Sociology of the Family
SPAN 20A, Readings in Spanish
SPAN 20B, Readings in Spanish
SPAN 51, Survey of Latin American and Chicano Authors
SPAN 232, Conversational Spanish for Health Serv. Personnel
HIST 10A, History of Africa
HIST 10B, History of Africa

COA Modified Course Proposal

F 12

Updating the course description. This class is designed specifically for students with disabilities.

LRNRE 269, Job Experience

Recommended for students with disabilities.

Vocational Living Skills curriculum for adults with disabilities. Emphasis of the class is on job seeking skills and job placement.

~~Enroll through Disabled Students Programs and Services.~~

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>COA Modified Course Proposal</p> <p>LRNRE 277, Introduction to Mathematical Concepts and Strategies Old 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. New Mastering quantitative concepts and developing problem solving skills in arithmetic. Students will master learning strategies according to an educational plan developed for each student.</p>	F 12	Updating course description. 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.
<p>COA New Course</p> <p>COUN 248AA, Strategies in Community Learning I 1 - 3 Units, 1-3 Hours Lecture (GR/PNP)</p> <p>Learning strategies for students in learning communities: Contextualized learning to promote academic skills and college success; foster involvement in campus life and community activities; and examine how community participation enhances college success.</p>	F 12	These courses have been created in response to the growing evolution of Learning Communities on our Peralta campuses, and in particular those learning communities that pair a developmental basic skills course with a student support course. These Counseling courses are specifically designed to be paired with an academic course in another discipline in such a way that the two linked course share themes and assignments throughout the semester. The courses will cultivate a learning environment in which students are socialized to the expectations of college, apply college preparedness skills to an academic course and foster campus and community involvement. The second course in the series, intended to be concurrently taught with the first, has a focus on peer mentoring and student ambassador skills, in which students in their second semester of the Learning Community take an active leadership role in the mentoring of the first semester students.

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>COA New Course</p> <p>COUN 248AB, Strategies in Community Learning II 1 - 3 Units, 1-3 Hours Lecture (GR/PNP)</p> <p>Learning strategies for students continuing in learning communities: Contextualized learning in multiple milieus to promote academic skills and college success; foster involvement in campus life and community activities; and examine how community participation enhances college success. Students provide mentorship and peer support to new students.</p>	F 12	<p>These courses have been created in response to the growing evolution of Learning Communities on our Peralta campuses, and in particular those learning communities that pair a developmental basic skills course with a student support course. These Counseling courses are specifically designed to be paired with an academic course in another discipline in such a way that the two linked course share themes and assignments throughout the semester. The courses will cultivate a learning environment in which students are socialized to the expectations of college, apply college preparedness skills to an academic course and foster campus and community involvement. The second course in the series, intended to be concurrently taught with the first, has a focus on peer mentoring and student ambassador skills, in which students in their second semester of the Learning Community take an active leadership role in the mentoring of the first semester students.</p>
<p>COA New Course</p> <p>ENGL 79, Introduction to LGBTQ Literature 3 Units, 3 Hours Lecture (GR) <i>Prerequisite: ENGL 1A</i></p> <p>Introduction to diverse forms of world literature, poetry, short fiction, novels, drama, and creative non-fiction: Focus on LGBTQ issues, ideas, and characterization; overview of periods of literature including Antiquity, Middle Ages and Renaissance, American Transcendentalist, Romantic, Late 19th & Early 20th centuries, the Harlem Renaissance, and mid-twentieth century to present day.</p>	F 12	<p>Since antiquity - "The Epic of Gilgamesh," Sappho, Plato - individuals giving expression to gender diversity and same-sex desire have contributed to the field of literature. From writers of the Renaissance like Shakespeare and Marlowe to those of the 19th and early 20th centuries like Whitman, Wilde, Stein, Woolf, and Hughes have influenced the literature of our own time, inspiring writers including Gloria Anzaldua, James Baldwin, Rita Mae Brown, Patrick Califia, Justin Chin, Jean Genet, Audre Lorde, Yukio Mishima, and Adrienne Rich. By exploring LGBTQ Literature, students will come to better understand and have greater appreciation for the literary, social, and cultural contributions that LGBTQ authors, literature, and ideas represent.</p>

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<p>COA New Course</p> <p>HLTED 48AA, Health Topics Impacting LGBTQ Communities 3 Units, 3 Units Lecture, (GR)</p> <p>Examination of the anatomical, physiological and psychological basis of health concerns in the lesbian, gay, bisexual, transgender and questioning/queer community: Common gynecological and male health issues and treatment options; medical and surgical strategies available to intersex individuals; biological and psychological theories on gender identity formation and sexual orientation; mental health issues regarding victimization; issues surrounding family planning, gay marriage, in vitro fertilization, surrogacy and adoption.</p> <p style="text-align: right;">0837.00</p>	F 12	<p>Bay Area has one of the largest LGBTQ communities in the U.S. and is home to numerous LGBTQ health organizations. Currently there are no college-level health courses that help educate future community leaders and responsible citizens in the Bay Area. This core health course provides a comprehensive survey of the most important physical and mental health issues in the LGBTQ community by examining the scientific basis of health and illness, surveying biological and psychological theories of gender identity, sexual orientation, transsexualism, victimization, homophobia, self-acceptance, coming out, family planning and adoption. This course is intended to educate the general population about the unique set of challenges that physical and mental health issues in the LGBTQ community pose.</p>
<p>COA New Course</p> <p>HUSV 121, Introduction to Positive Behavior Support 2 Units, 2 Hours Lecture (GR/PNP)</p> <p>Overview of principles and philosophy of positive behavior support: Best practices in developmental disabilities sector; promoting development of meaningful relationships and opportunities for personal growth.</p>	F 12	<p>To meet the expressed need from community partners regarding training for incumbent workers in the developmental disabilities sector.</p>
<p>COA New Course</p> <p>MATH 248AF, Accelerated Mathematics for Statistics 5 Units, 5 Hours Lecture (GR) <i>Prerequisite: MATH 253</i></p> <p>Integrated developmental mathematics for statistics: Exploratory data analysis and principles of data production using ratios, rates, and proportional reasoning; fractions, decimals and percents; evaluating expressions; analyzing algebraic forms of statistical measures; modeling bivariate data with linear and exponential functions; and graphical and numerical descriptive statistics for quantitative and categorical data. Not intended for students majoring in math, science, computer science, or business.</p>	F 12	<p>Large research studies inside and outside California have established that the more levels of developmental math courses a student must take, the less likely the student is to ever complete college courses in Math. By offering "Accelerated Mathematics for Statistics" the math department aims to shorten the math 201/203 algebra sequence by one semester. Contextualizing the algebra curriculum and focusing the instruction on skills, methodologies and ways of thinking needed for understanding statistical applications is expected to ignite student interest, increase retention and success, and prepare students better to be successful in their Statistics course (Math 13) the following semester. When this course is institutionalized, it will be proposed as an option to satisfy the AA/AS General Education Math requirement at College of Alameda. Adopting course from BCC.</p>

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>COA New Course</p> <p>PSYCH 28, Introduction to Research Methods in Psychology 3 Units, 3 Hours Lecture, (GR/PNP) <i>Prerequisites: PSYCH 1A and MATH 13</i></p> <p>Introduction to research methods for psychology: Research design; experimental procedures; descriptive methods; instrumentation; collection, analysis, and reporting of research data; review of research design and methodology in various sub- disciplines of psychology.</p> <p style="text-align: right;">2001.00</p>	S13	<p>Required for transfer into psychology major at most four year colleges and universities</p>

Laney Course Deactivation

M 12

The college has no plans to offer this course in the future.

AFRAM 9 Study of Caucasian Attitudes and Effect
on the American-American Minority
AFRAM 015 African-American Women: Poverty,
Politics and Power ENGL 020 Introduction to
Dramatic Literature
ENGL 033B Introduction to Contemporary Literature
ENGL 244B Masterpieces of World Literature
ECT 030 Introduction to Control System Networking
MEDIA 123 Camerawork for High Definition
PE 017 Tai Chi Chuan
PE 018 Kayaking
PE 019 Karate

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Laney Informational Items	F 12	DE Addendum
<p>ESL 050A Advanced Listening and Speaking ESL 050B Oral Communication for Advanced ESL Students ESL 052A Advanced Reading and Writing ESL 052B Advanced Reading and Writing ESL 215A Intermediate Grammar ESL 215B Intermediate Grammar ESL 216A High Intermediate Grammar ESL 216B High Intermediate Grammar ESL 217A Advanced Grammar ESL 217B Advanced Grammar ESL 219A Applied Grammar and Editing ESL 219B Applied Grammar and Editing ESL 222A Intermediate Reading and Writing ESL 222B Intermediate Reading and Writing ESL 223A High Intermediate Reading and Writing ESL 223B High Intermediate Reading and Writing ESL 232A Intermediate Listening and Speaking ESL 232B Intermediate Listening and Speaking ESL 233A High Intermediate Listening and Speaking ESL 233B High Intermediate Listening and Speaking ESL 283A High Beginning Listening and Speaking ESL 283B High Beginning Listening and Speaking ESL 284A High Beginning Grammar ESL 284B High Beginning Grammar ESL 285A High Beginning Reading and Writing ESL 285B High Beginning Reading and Writing</p>		
Laney Modified Course Proposal	S 13	Increasing units and hours and updating course description.
<p>DANCE 6, Dance Production 2 3 Units, 1 Hour Lecture, 3 6 Hours Lab (GR)</p> <p><i>Staging of Development of elements, specific tasks necessary for production and performance: Planning, preparation and evaluation of student and faculty compositions emphasizing lighting, staging, costuming, music, and publicity.</i></p>		
		1008.00

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Laney Modified Course Proposal</p> <p>DANCE 20, African Haitian Dance</p> <p>Study and development of skills and techniques of in African Haitian Dance: Emphasis on the Music and rhythm identification rooted in the social, cultural and historical context of African and Caribbean dance; Technical foundation based in Katherine Dunham technique.</p> <p style="text-align: right;">1008.00</p>	F 12	Updating course description. Required for Dance major. Meets requirements for AA-T in Kinesiology.
<p>Laney Modified Course Proposal</p> <p>DANCE 22, West African Dance 1 Units, 3 Hours Lab (GR)</p> <p>Study and development of the skills and techniques of Traditional West African dance forms: reflecting History, folklore, culture, language and costumes of various ethnic groups with development of proficiency in the various forms.</p> <p style="text-align: right;">1008.00</p>	F 12	Updating course description. Required for Dance major. Meets requirements for AA-T in Kinesiology.
<p>Laney Modified Course Proposal</p> <p>NATAM 1, History of the American Indian: Frontier Wars To Present Native American Indians</p> <p>Historical review of those events that document the American Indians' struggles from the Frontier Wars to the present: Emphasis on the Wounded Knee massacre, life on the reservation, and current issues.—Survey of histories and cultures of American Indian peoples in North America from pre-contact to the present. An analysis of the political, cultural, legal and military relationships that developed between American Indians and foreign nations.</p> <p style="text-align: right;">2203.00</p>	F 12	Updating course title and description.
<p>Laney Modified Course Proposal</p> <p>SOC 1, Introduction to Sociology <i>Recommended Preparation: ENGL 1A</i></p> <p>Introduction to Sociology Basic concepts, theoretical approaches, and methods of sociology: Analysis and explanation of human group life through principles, concepts, and theories social structure, group dynamics, socialization and the self, social stratification, culture and diversity, social change and global dynamics.</p> <p style="text-align: right;">2208.00</p>	M 12	Updating course description. Meets AA degree and Transfer requirements.

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Laney New Course</p> <p>AFRAM 26, African American Culture: Black Music, Art, and Literature 3 Units, 3 Hours Lecture (GR)</p> <p>Survey of current major black works and themes: Analysis of new styles and themes in poetry, music and art forms of Africa and the United States.</p> <p style="text-align: right;">2203.00</p>	F 12	Meets AA and transfer requirements.
<p>Laney New Course</p> <p>DANCE 7, Dance Study Abroad 3-5 Units, 2-3 Hours Lecture, 3-6 Hours Lab, (GR)</p> <p>Study of dance via travel to country of origin: Spiritual values, history, language, folklore and research of cultural life cycles as reflected in the region of study.</p> <p style="text-align: right;">1008.00</p>	S 13	Course can be used as an elective for the dance major; Supports Dance Department AIPR goals. Supports Laney College Mission of community partnership and global awareness.
<p>Laney New Course</p> <p>ENGIN 50, Fundamentals of Biomedical Engineering Instrumentation 3 Units, 2 Hours Lecture, 3 Hours Lab (GR)</p> <p>Standard of measurements required for Biomedical Engineering Instrumentation: Fundamental physical quantities and physical constants, the periodic table of the elements, mechanical diagrams and blueprint reading for laboratory and product development, use</p> <p style="text-align: right;">0934.60</p>	F 12	Will be required for the Biomedical Engineering Technology Certificate of Achievement, which will teach skills necessary for employment in the field of medical device manufacturing or biomedical engineering technology sector.
<p>Laney New Course</p> <p>ENGIN 51, Introduction to Biomedical Engineering 1 3 Units, 2 Hours Lecture, 3 Hours Lab (GR)</p> <p>Introduction to biomedical engineering technology for laboratory and product development: Soft-lithography technology applied to medical devices using soft-matter materials; Advanced development in industry cleanroom environment, standard operating proced</p> <p style="text-align: right;">0934.60</p>	F 12	Institutionalizing ENGIN 248GA. Will be required for the Biomedical Engineering Technology Certificate of Achievement, which will teach skills necessary for employment in the field of medical device manufacturing or biomedical engineering technology sector.

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Laney New Course</p> <p>ENGIN 53, Regulations for Medical Device Technology 1 Units, 1 Hour Lecture (GR)</p> <p>Introduction to US and international regulatory and quality management system requirements for medical devices: Primary focus on US Food and Drug Administration Regulations.</p> <p style="text-align: right;">0934.60</p>	F 12	Required for the Biomedical Engineering Technology Certificate of Achievement. May lead to employment in the field of Medical Device Manufacturing/Biomedical Engineering Technology sector.
<p>Laney New Course</p> <p>LRNRE 269, Job Experience 1 Units, 1 Hour Lecture (P/NP)</p> <p>Recommended for students with disabilities. Emphasis of the class is on job seeking skills and job placement. Enroll through Disabled Students Programs and Services.</p> <p style="text-align: right;">4930.30</p>	F 12	This class is designed specifically for students with disabilities. Adopting course from College of Alameda.
<p>Laney New Course (Course Reinstatement)</p> <p>MATH 1, Pre-Calculus 4 Units, 4 Hours Lecture (GR) <i>Prerequisite: MATH 203 or MATH 211D</i></p> <p>Preparation for the calculus sequence or other courses requiring a sound algebraic background: Inequalities, theory of equations, sequences and series, matrices, functions and relations, logarithmic and exponential functions; and function concept used as a unifying notion.</p> <p style="text-align: right;">1701.00</p>	S 13	Course provides a foundation for more advanced study in mathematics, and related fields, e.g. physics; meets AA/AS area 4b, CSU area B4, IGETC area 2 requirements and is transferable to CSU, UC systems. Reinstating course offered by Merritt and BCC.
<p>Laney New Course</p> <p>MATH 16A, Calculus for Business and the Life and Social Sciences 3 Units, 3 Hours Lecture (GR) <i>Prerequisite: MATH 1 or MATH 2</i></p> <p>Introduction to analytic geometry, differential and integral calculus of algebraic function, particular attention paid to simple applications.</p> <p style="text-align: right;">1701.00</p>	S 13	Laney College would like to provide an appropriate mathematics course for Business Administration, Social Science and other transfer students. Mathematics 16A-16B is a 3/3 unit, less rigorous calculus class than that required of engineering, physics and mathematics majors and is comparable to mathematics courses in the core curricula for Business Administration majors at four-year institutions. Course is also offered at BCC, COA, and Merritt.

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<p>Laney New Course</p> <p>MATH 16B, Calculus for Business and the Life and Social Sciences 3 Units, 3 Hours Lecture (GR) <i>Prerequisite: MATH 16A or MATH 3A</i></p> <p>Continuation of differential and integral calculus: Transcendental functions, methods of integration, partial differentiation, and multiple integration with particular attention to applications.</p> <p style="text-align: right;">1701.00</p>	F 12	<p>Laney College would like to provide an appropriate mathematics course for Business Administration, Social Science and other transfer students. Mathematics 16A-16B is a 3/3 unit, less rigorous calculus class than that required for engineering, physics and mathematics majors and is comparable to mathematics courses in the core curricula for Business Administration majors at four-year institutions.</p> <p>Course is also offered at BCC, COA, and Merritt.</p>
<p>Laney New Course</p> <p>MUSIC 232, Chinese Orchestra 2 Units, 1 Hour Lecture, 3 Hours Lab (GR/PNP)</p> <p>Introduction to theory, practice, and historical background of Chinese music: Study and performance of Chinese orchestral instruments leading to public performance.</p> <p style="text-align: right;">1004.00</p>	M 12	<p>Because of the close proximity and easy accessibility of the campus to one the largest Asian communities in the Greater San Francisco Bay Area our Asian students requested that the Chinese orchestra be added to the Music Department curriculum.</p>
<p>Laney New Course</p> <p>NATAM 2, Native American Indians in Contemporary Society 3 Units, 3 Hours Lecture (GR)</p> <p>The socio-cultural development of American Indian populations in modern times with emphasis upon the United States. American Indian economic, political, and legal changes in the 20th and 21st centuries and issues of identity, the role of the federal gover</p> <p style="text-align: right;">2203.00</p>	F 12	<p>Native American Studies is important American history and culture. This course provides a modern overview to the experiences of American Indians.</p>

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Laney New Program

Certificate of Achievement: Biomedical Engineering Technology

Thorough technical preparation for career employment in biomedical and medical device manufacturing and engineering technology for laboratory operations. Technical training is provided in biomedical engineering instrumentation, rapid prototyping processes, cleanroom protocols for fabrication of micro/nano-scale devices and components, electronic technology, and compliance with Federal Food and Drug Administration Regulations related to the medical device manufacturing sector.

E/ET 204 Technical Mathematics for Electricians	3
E/ET 203 Basic Electricity	4
CIS 205 Computer Literacy	1
or	
BUS 219 Computer Literacy	1
ENGIN 50 Fundamentals of Biomedical Engineering Instrumentation Semester 2	3
MACH 020 Machine Technology 20	4
E/ET 214A Electronics I	3 - 4
ENGIN 51 Introduction to Biomedical Engineering	1 3
ENGIN 53 Regulations for Medical Device Technology	1
Total Units	16 – 22

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Curriculum Item:	EFF.	JUSTIFICATION:
Laney Program Modification		
Associate Degree/Certificate of Achievement: COMMERCIAL HVAC SYSTEMS		
Environmental Control Technology is a technical program offering the theoretical, technical, and problem-solving skills essential for employment in the heating, ventilation, air conditioning, and refrigeration industry. Students completing the suggested curriculum can seek employment as refrigeration technicians, heating, ventilation, air conditioning technicians, and building engineers and technicians.		
Degree Major/Certificate Requirements:		
FIRST SEMESTER		
E/ET 202 Fundamentals of Electricity for ECT	2	
ECT 11 Mechanical and Electrical Devices	2	
ECT 12 Blueprint Reading and Interpretation for ECT	1.5	
ECT 13 Fundamentals of Refrigeration	4	
ECT 211 Mechanical and Electrical Codes	1.5	
ECT 214 Technical Mathematics for ECT	3	
WELD 215 Welding for ECT Technicians	1.5	
SECOND SEMESTER		
E/ET 221 Motors and Drives	2	
ECT 14 Advanced Refrigeration	2	
ECT 15 Refrigeration Equipment Trouble-shooting	2	
ECT 16 Fundamentals of Heating and Air Conditioning	2	
ECT 17 Heating and Air Conditioning Trouble-shooting	1	
ECT 18 HVAC Installation Practices	1	
ECT 28 Energy Management and Efficiency in Building Systems	2	
THIRD SEMESTER		
E/ET 11 Commercial Electricity for HVAC Applications	2	
ECT 19 Psychrometrics and Load Calculations	2	
ECT 21 Introduction to Direct Digital Controls	2	
ECT 22 Commercial HVAC Systems	2	
ECT 24 Commercial HVAC Systems Troubleshooting	2	
ECT 25 Introduction to Building Commissioning	2	
ECT 212 Testing, Adjusting, and Balancing HVAC Systems	2	
FOURTH SEMESTER		
ECT 23 HVAC Systems Design	2	
ECT 26 Advanced Building Commissioning	3	
ECT 27 Advanced Direct Digital Controls	2	
ECT 29 Data Analysis for Performance Monitoring	2	
ECT 030 Introduction to Control System Networking	1	
<i>ECT 040 Introduction to Control System Networking</i>	<i>1</i>	
ECT 213 Indoor Air Quality and Building Envelope	1	
Total Units	52.5	

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Date Submitted For:
CIPD Approval: 5/7/2012

Date Submitted For:
Board Approval: 6/12/12

Curriculum Item:	EFF.	JUSTIFICATION:
<p>Merritt Course Deletion</p> <p>ESL 250A, Speaking 1 SPAN 030B, Beginning Conversational Spanish SPAN 031A, Intermediate Conversational Spanish SPAN 031B, Intermediate Conversational Spanish SPAN 348NC, Basic Spanish Grammar for Spanish Speakers</p>	F 12	The college has no plans to offer these courses in the future.
<p>Merritt Modified Course Proposal</p> <p>BIOSC 32, Good Laboratory Practices in Genomics <i>Corequisite: BIOSC 30</i></p>	F 12	Adding corequisite.
<p>Merritt Modified Course Proposal</p> <p>BIOSC 33, Research Design in Genomics <i>Prerequisite: BIOSC 30</i></p>	F 12	Adding prerequisite.
<p>Merritt Modified Course Proposal</p> <p>BIOSC 41 Microfluidic Electrophoresis <i>Recommended Preparation: BIOSC 31</i></p>	F 12	Adding recommended preparation.
<p>Merritt Modified Course Proposal</p> <p>BIOSC 90, Internship in Genomics 4.3 Units, 5.1 Hour Lecture, 4.5.6 Hours Lab <i>Prerequisites: BIOSC 30, BIOSC 31, BIOSC 32</i></p>	M 12	Increasing units/hours and adding prerequisites.
<p>Merritt Modified Course Proposal</p> <p>SOC 1, Introduction to Sociology <i>Recommended Preparation: ENGL 1A</i></p> <p>Introduction to Sociology <i>Basic concepts, theoretical approaches, and methods of sociology: Analysis and explanation of human group life through principles, concepts, and theories social structure, group dynamics, socialization and the self, social stratification, culture and diversity, social change and global dynamics.</i></p>	M 12	Updating course description. Meets AA degree and Transfer requirements.
2208.00		

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Merritt New Course</p> <p>BIOL 061F, Natural History: Freshwater Fishes of the Greater Bay Area 2 Units, 2 Hours Lecture (GR/PNP)</p> <p>Freshwater fishes of the Greater Bay Area: Common, introduced, rare and endangered species, and commercial value and conservation. 0408.00</p>	F 12	Partial fulfillment of the Master Naturalist Certification.
<p>Merritt New Course</p> <p>BIOL 064E, Natural History of Ano Nuevo State Park 0.5 Units, .5 Hours Lecture (GR/PNP)</p> <p>Ano Nuevo State Park: Geologic history, flora and fauna with special emphasis on elephant seals. 0408.00</p>	F 12	Serves as partial fulfillment of the Master Naturalist Certification.
<p>Merritt New Course</p> <p>BIOL 064F, Natural History of Black Diamond Mines 0.5 Units, .5 Hours Lecture (GR/PNP)</p> <p>Survey of the flora and common fauna of Black Diamond Mines: History of the mines, geology, and ecosystems. 0408.00</p>	F 12	Serves as partial fulfillment for the Master Naturalist Certificate.
<p>Merritt New Course</p> <p>BIOL 064G, Natural History: Parklands of the Solano Land Trust 1 Units, 1 Hour Lecture (GR/PNP)</p> <p>Flora, fauna and ecology of the parks of Solano Land Trust: King Ranch, Swett Ranch and Lynch Canyon. 0408.00</p>	F 12	Serves as partial fulfillment of the Master Naturalist Certificate.
<p>Merritt New Course</p> <p>BIOL 064H, Natural History of Don Edwards San Francisco Bay National Wildlife Refuge 0.5 Units, .5 Hours Lecture (GR/PNP)</p> <p>Salt water marshlands of the Don Edwards San Francisco Bay National Wildlife Refuge: Ecology, flora and fauna as well as conservation efforts. 0408.00</p>	F 12	Serves as Partial Fulfillment of the Master Naturalist Program

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Merritt New Course</p> <p>BIOL 064I, Natural History of Point Reyes National Seashore 1 Units, 1 Hour Lecture (GR/PNP)</p> <p>Survey of the flora, fauna, geology and ecosystems of Point Reyes National Seashore.</p> <p style="text-align: right;">0408.00</p>	F 12	Serves as partial fulfillment of the Master Naturalist Certificate
<p>Merritt New Course</p> <p>BIOL 064J, Natural History of the Jepson Prairie 0.5 Units, .5 Hours Lecture (GR/PNP)</p> <p>Survey of the ecosystem of the Jepson Prairie: Emphasis on vernal pool flora and fauna.</p> <p style="text-align: right;">0408.00</p>	F 12	Partial fulfillment of the Master Naturalist Certification.
<p>Merritt New Course</p> <p>BIOL 064K, Natural History of the McLaughlin Reserve 1 Units, 1 Hour Lecture (GR/PNP)</p> <p>Study of the flora, fauna, and ecology of the McLaughlin Reserve.</p> <p style="text-align: right;">0408.00</p>	F 12	This course serves to fulfill a certification in the Master Naturalist Program.
<p>Merritt New Course</p> <p>BIOL 064L, Natural History of Antioch Dunes 0.5 Units, .5 Hours Lecture (GR/PNP)</p> <p>Ecosystem of the Antioch Dunes National Wildlife Refuge: Flora, fauna, ecology, history and conservation.</p> <p style="text-align: right;">0408.00</p>	F 12	Serves as partial fulfillment of the Master Naturalist Certification.
<p>Merritt New Course</p> <p>BIOL 064M, Natural History of the Mt. Hamilton Reserve 1 Units, 1 Hour Lecture (GR/PNP)</p> <p>Survey of the flora, fauna, and ecology of the Mt. Hamilton Reserve.</p> <p style="text-align: right;">0408.00</p>	F 12	This course provides partial fulfillment of a certification in the Ranger Naturalist Program.
<p>Merritt New Course</p> <p>BIOL 064N, Natural History of Morgan Territory 0.5 Units, .5 Hours Lecture (GR/PNP)</p> <p>Ecosystems of the Morgan Territory Regional Park: Flora, fauna and ecology.</p> <p style="text-align: right;">0408.00</p>	F 12	Serves as partial fulfillment for the Master Naturalist Certification.

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Curriculum Item:	EFF.	JUSTIFICATION:
Merritt New Course	F 12	Serves as partial fulfillment of the Master Naturalist Certification.
BIOL 064O, Natural History of Grizzly Island 0.5 Units, .5 Hours Lecture (GR/PNP) Ecosystem of the Grizzly Island Regional Park: Flora, fauna and ecology. 0408.00		
Merritt New Course	F 12	Serves a partial fulfillment of the Master Naturalist Certificate.
BIOL 064P, Natural History of Salt Point State Park 0.5 Units, .5 Hours Lecture (GR/PNP) Survey of the Natural History of Salt Point State Park: Flora, fauna, geology with special emphasis on the pygmy pine barrens. 0408.00		
Merritt New Course	M 12	Serves as partial fulfillment of the Ranger Naturalist Certificate.
BIOL 064Q, Natural History of Coyote Hills Regional Park 0.5 Units, .5 Hours Lecture (GR/PNP) Survey of the flora, fauna, geology and ecosystems of Coyote Hills Regional Park. 0408.00		
Merritt New Course	F 12	Serves as partial fulfillment for the Master Naturalist Certificate.
BIOL 064R, Natural History of Mt. Tamalpais State Park 1 Units, 1 Hour Lecture (GR/PNP) Survey of Mt. Tamalpais State Park: Flora, fauna, geology and ecosystems. 0408.00		
Merritt New Course	F 12	Serves a partial fulfillment of the Master Naturalist Certificate
BIOL 064S, Natural History of Mt. St. Helena 1 Units, 1 Hour Lecture (GR/PNP) Survey of Mt. St. Helena: Geology, flora, fauna and ecosystems. 0408.00		
Merritt New Course	F 12	Serves as partial fulfillment of the Master Naturalist Certificate.
BIOL 064T, Natural History of San Bruno Mountain State Park 0.5 Units, .5 Hours Lecture (GR/PNP) Survey of San Bruno Mountain State Park: Flora and fauna with emphasis on endemic flora. 0408.00		

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Merritt New Course</p> <p>BIOL 70D, Natural History of the Owyhee River and the High Desert of Eastern Oregon 1 Units, 1 Hour Lecture (GR/PNP) Also offered as ENVST 70D. Not open for credit to students who have completed or are currently enrolled in ENVST 70D.</p> <p>Desert and river ecology of East-Central Oregon: Geography, geology, geologic history, landscapes, flora and fauna and their interactions, and river dynamics.</p> <p style="text-align: right;">0408.00</p>	S 13	<p>This course continues Merritt College's successful series of River Studies courses taught over the past 20 years, including courses on the Green River (2), Colorado River in the Grand Canyon, Rogue, Middle Fork of the Salmon, Tuolumne and Selway. These courses have had strong enrollments and have been enthusiastically received by the local community.</p>
<p>Merritt New Course</p> <p>BUS 76, E-Commerce/Entrepreneurship 3 Units, 3 Hours Lecture (GR)</p> <p>Introduction to principles of international e-commerce and entrepreneurship: Emphasis on developing a business plan for conducting online commerce; market analysis; product access; payment methods; promotion; and back-end technology requirements for creat</p> <p style="text-align: right;">0509.70</p>	S 13	<p>BUS 76 is required for the Entrepreneurship Certificate of Proficiency</p>
<p>Merritt New Course</p> <p>BUS 80, Financial Literacy 2 Units, 2 Hours Lecture (GR/PNP)</p> <p>Financial issues and challenges for college students: basics of financial literacy, bad debt, spending plans, non-traditional financial services, consumer economics, buying and selling stocks, mutual fund options, investing in education, planning for the</p> <p style="text-align: right;">0501.00</p>	F 12	<p>It is important to be financially literate before engaging in financial contracts and not after, so that financial knowledge is based on scientific concepts, and give everyone the chance to learn it</p>
<p>Merritt New Course</p> <p>CIS 73, Networking Concepts 4 Units, 3 Hours Lecture, 3 Hours Lab (GR/PNP) <i>Prerequisite: CIS 001 or CIS 005</i></p> <p>Networking concepts: Network architecture, hardware, software, concepts, protocols and standards.</p>	F 12	<p>This is an introductory course in networking architecture. This course provides a basic understanding of the hardware and software of a network environment. The purpose of the course is to provide a basic exposure to the terminology and concepts of network. Adopting course from College of Alameda and Laney.</p>

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Merritt New Course</p> <p>ESL 283A, High Beginning Listening and Speaking 4 Units, 4 Hours Lecture (GR/PNP)</p> <p>High beginning level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation, and presentation skills.</p> <p style="text-align: right;">4930.85</p>	F 12	This course provides high beginning level ESL students with essential practice in listening and speaking. Part of district wide ESL curriculum project. Course is also taught at BCC, COA, and Laney.
<p>Merritt New Course</p> <p>ESL 283B, High Beginning Listening and Speaking 4 Units, 4 Hours Lecture (GR/PNP) <i>Prerequisites: ESL 283A or placement through multiple-measures assessment process</i></p> <p>Continuation of high beginning level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation, and presentation skills.</p> <p style="text-align: right;">4930.85</p>	F 12	This course provides high beginning level ESL students with essential practice in listening and speaking. Part of district wide ESL curriculum project. Course is also taught at BCC, COA, and Laney.
<p>Merritt New Course</p> <p>ESL 284A, High Beginning Grammar 4 Units, 4 Hours Lecture (GR/PNP)</p> <p>High beginning level of English grammar: Basic grammar structures, sentence patterns and parts of speech.</p> <p style="text-align: right;">4930.87</p>	F 12	To meet the needs of ESL students who are at the high beginning level of English proficiency, to improve their ability to interpret what they read and express themselves accurately orally and in writing. Part of district wide ESL curriculum project. Course is also taught at BCC, COA, and Laney.
<p>Merritt New Course</p> <p>ESL 284B, High Beginning Grammar 4 Units, 4 Hours Lecture (GR/PNP) <i>Prerequisites: ESL 284A or placement through multiple-measures assessment process</i></p> <p>Continuation of high beginning level of English grammar: Basic grammar structures, sentence patterns, and parts of speech.</p> <p style="text-align: right;">4930.87</p>	F 12	To meet the needs of ESL students who are at the high beginning level of English proficiency, to improve their ability to interpret what they read and express themselves accurately orally and in writing. Part of district wide ESL curriculum project. Course is also taught at BCC, COA, and Laney.

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Merritt New Course</p> <p>ENVST 70D, Natural History of the Owyhee River and the High Desert of Eastern Oregon 1 Units, 1 Hour Lecture (GR/PNP) Also offered as BIOL 70D. Not open for credit to students who have completed or are currently enrolled in BIOL 70D.</p> <p>Desert and river ecology of East-Central Oregon: Geography, geology, geologic history, landscapes, flora and fauna and their interactions, and river dynamics.</p> <p style="text-align: right;">0302.00</p>	S 13	<p>This course continues Merritt College's successful series of River Studies courses taught over the past 20 years, including courses on the Green River (2), Colorado River in the Grand Canyon, Rogue, Middle Fork of the Salmon, Tuolumne and Selway. These courses have had strong enrollments and have been enthusiastically received by the local community.</p>
<p>Merritt New Course</p> <p>ENVMT 43, Introduction to Urban Forest Products and Policy 3 Units, 2.5 Hours Lecture, 1.5 Hours Lab (GR/PNP)</p> <p>Introduction to the history, policy and practice of planning, caring for and using the Urban Forest: Tree choices, aesthetics, risk and wildfire, ecosystem, social and economic benefits, basic planting, pruning, wood product milling and sales.</p> <p style="text-align: right;">0302.00</p>	M 13	<p>There is an employment demand for fire safety, landscaping, urban lumber and waste management tree workers and managers. Professional organizations and agencies have asked that this training be available.</p>
<p>Merritt New Course</p> <p>ENVMT 44, Introduction to Creek and Watershed Restoration: General Aspects 3 Units, 3 Hours Lecture, (GR/PNP)</p> <p>Principles and practices in the restoration and monitoring of creeks and watersheds: Overview of global water cycle and atmospheric circulation; basic hydrological principles and processes including erosion, flooding, and deposition of sediment.</p> <p style="text-align: right;">0303.00</p>	S 13	<p>This course is a requirement for the proposed associate degree in Ecological Restoration, Ranger, Naturalist and Outdoor Education</p>
<p>Merritt New Course</p> <p>PE 203, Fitness for Personal Trainers 3 Units, 1 Hours Lecture, 6 Hours Lab</p> <p>For personal trainers conditioning through the use exercises and apparatus: Emphasis on overall improvement of the cardiovascular system. In addition curriculum will focus on strength, flexibility, nutrition programs, knowledge of exercise science and body composition assessment. Trainers will be ready to apply knowledge to provide fitness recommendations for their clients.</p> <p style="text-align: right;">0835.00</p>	F 12	<p>There is a need to offer students an opportunity to work out at their discretion multiple times during the week. This course offers the student the opportunity to select as many hours weekly as he/she wishes to work out. Course is conducted in the college's Fitness Center on an open entry/open exit basis. PE 203 Fitness for Personal Trainers is a requirement for the Personal Trainer Certificate of Proficiency. May lead to employment becoming a Personal Trainer.</p>

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Merritt New Course	F 12	This course adds a needed component to psychology offerings at Merritt College. Specifically, it offers a relevant learning experience for the large number of Latino/a students at Merritt (15.2% of enrolled students) as well as other students who want to develop a multicultural understanding of the psychology of Latinos/as.
PSYCH 48NF, Latino Psychology 3 Units, 3 Hours Lecture (GR/PNP)		
Introduction to the psychology of Latinos/as in the United States: Study of biological, psychological, sociological, environmental, and cultural factors that impact and shape the behavior of Latino/a groups living in the U.S.		
	2001.00	

Merritt New Program

Certificate of Proficiency: Entrepreneurship

The Entrepreneurship Certificate of Proficiency Program is designed to develop, prepare, and produce entrepreneurs to start and grow successful businesses and fuel economic growth by providing instruction in entrepreneurial culture, strategy, operations, financial management, social marketing and leadership. Coursework includes developing a student's ability to make informed decisions as future business owners, entrepreneurial concepts learned in innovation and creativity, business funding, computers and marketing. Through these skills, students will have a sound education base in entrepreneurship for lifelong learning.

BUS 10 Introduction to Business	3
BUS 54 Small Business Management	3
CIS 1 Introduction to CIS	4
BUS 76 E-Commerce/Entrepreneurship	3
BUS 1A Financial Accounting	4
OR	
BUS 20 General Accounting	3
OR	
BUS 80 Financial Literacy	2
Total Units	15-17

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Merritt New Program

Certificate of Achievement: Medical Genomics

The Certificate in Medical Genomics offers an unique opportunity to study DNA, from a medical perspective. SNP detection and genetic disease detection will be emphasized, along with bacterial and viral disease identification. Mastery of sample preparation, operation, and analysis of DNA using the most modern sequencers and preparatory instruments will be emphasized.

Required Courses

CHEM 030A Introductory General Chemistry	4
CHEM 030B Introductory Organic and Biochemistry	4
BIOL 004 Human Physiology	5
BIOSC 030 Genomics Theory	4
BIOSC 042 Mining GenBank	3
BIOSC 032 Good Laboratory Practices in Genomics	1
BIOSC 031 Practical Genomics	4
BIOSC 037 Principles of Long Polymerase Chain Reaction (PCR)	1
BIOSC 040 DNA Shearing Techniques for Shotgun Sequencing in Genomics	3
BIOSC 041 Microfluidic Electrophoresis	1
BIOSC 060 Personalized (Desk-top) Sequencing	3
BIOSC 033 Research Design in Genomics	1
BIOSC 050 Genetic Diseases	4
BIOSC 051 Medical Genomics	3
BIOSC 090 Internship in Genomics	3
BIOSC 061 Sequence Analysis Using MacVector	1
or	
BIOSC 062 Methodologies in Phylogenetics Using PAUP	1
or	
BIOSC 063 Introduction to Character Tracing Using MacClade	1
Total Units	45

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Merritt New Program

Certificate of Proficiency: Bay Area Master Naturalist

The Master Naturalist Certificate is designed to promote understanding of the myriad of species and unique ecosystems of the Bay Area. With an emphasis on Natural History, this program offers a wide range of courses on select groups of plants and animals as well as ecosystems of the Bay Area Parklands. The program is ideal for anyone interested in natural history and for those seeking careers in field biology, ecology, and science teaching, including park and museum docents.

Core Courses Units

BIOL 061F Natural History: Freshwater Fishes of the Greater Bay Area	2
BIOL 061M Natural History: Insects of the Greater Bay Area	1
BIOL 061H Natural History: Butterflies of the Greater Bay Area	1
BIOL 061G Natural History: Mammals of the Greater Bay Area	2

Choose 2 units from this group

BIOL 060A Natural History of the Bay Area: The State Parks, Part I	1 - 2
BIOL 060B Natural History of the Bay Area: Mt. Diablo State Park	1 - 2
BIOL 064N Natural History of Morgan Territory	.5
BIOL 064F Natural History of Black Diamond Mines	.5
BIOL 064G Natural History: Parklands of the Solano Land Trust	1
BIOL 064L Natural History of Antioch Dunes	.5
BIOL 064Q Natural History of Coyote Hills Regional Park	.5
BIOL 064C Natural History of Lime Ridge Preserve	.5
BIOL 064D Natural History of Sunol Regional Park	1
BIOL 064O Natural History of Grizzly Island	.5

and

Choose 2 units from this group

BIOL 062B Natural History of The Redwood Forest	.5 - 2
BIOL 064P Natural History of Salt Point State Park	.5
BIOL 064H Natural History of Don Edwards San Francisco Bay National Wildlife Refuge	.5
BIOL 064E Natural History of Ano Nuevo State Park	.5
BIOL 064I Natural History of Point Reyes National Seashore	.5
BIOL 064T Natural History of San Bruno Mountain State Park	.5
BIOL 064J Natural History of the Jepson Prairie	.5

Choose 1 unit from the following

BIOL 064K Natural History of the McLaughlin Reserve	1
BIOL 064M Natural History of the Mt. Hamilton Reserve	1
BIOL 064S Natural History of Mt. St. Helena	1
BIOL 064R Natural History of Mt. Tamalpais State Park	1

Choose 1 unit from the following

BIOL 080C Fundamentals of Ornithology and Birding in Central California/Bay Area	.5 - 7
BIOL 080B Bird Songing: The Ecology of Bird Songs and Identification by Ear	.5 - 2.5

Or

Take 1 unit from the following

BIOL 060C Natural History of the Bay Area: Herpetology	1 - 4
BIOL 060D Natural History of the Bay Area: Fall Herpetology	1 - 2

Or

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Take 3 units from the following		
LANHT 005A Plant Materials: Fall Native Plant ID and Culture with Lab (Day)	3	
LANHT 050L Plant Taxonomy Lab 1		
LANHT 005EB Plant Materials: Spring Native Plant ID and Culture (Evening)	3	
LANHT 050 Plant Taxonomy	3	
Choose .5 units from the following		
BIOL 061E Natural History of the Tide Pools of the Greater Bay Area	.5	
BIOL 061R Nudibranchs of the Greater Bay Area	.5	
Choose .5 from the following		
BIOL 061L Natural History: Bryophytes of the Greater Bay Area	.5	
BIOL 061K Natural History: Lichens of the Greater Bay Area	.5	
BIOL 061J Ferns of the Greater Bay Area	.5	
Total Units	17	

Merritt New Program

Associate of Science in Business Administration for Transfer AS-T Degree

The Associate in Science Degree in Business Administration for Transfer is designed to prepare students for a seamless transfer with junior status and priority admission to their local CSU campus to a program or major in Business Administration or similar major for completion of a baccalaureate degree. Students are required to complete: (1) a minimum of 27 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. (2) 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. (3) No more than 60 semester units are required. The Associate in Science Degree in Business Administration for Transfer will also assist Business Administration major students to transfer to a U.C. or other baccalaureate institutions. Students are advised to consult with a counselor to verify transfer requirements.

Required Courses	Units
BUS 001A Financial Accounting	4
BUS 001B Managerial Accounting	4
BUS 002 Introduction to Business Law	3
ECON 001 Principles of Economics (Macro-Economics)	3
CIS 001 Introduction to Computer Information Systems	4
ECON 002 Principles of Economics (Micro-Economics)	3
MATH 013 Introduction to Statistics	4
MATH 016A Calculus for Business and Life/Social Sciences	3
Total Units	28
IGETC or CSU GE-Breadth Education pattern and elective courses	33
Total Units	60

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Curriculum Item:	EFF.	JUSTIFICATION:
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Merritt New Program

Associate in Science: Greening the Urban Environment: Design, Planning, Environmental Justice

The Greening the Urban Environment degree emphasizes energy efficiency and ecological sustainability in the built environment offers students an introduction to the technical, ecological, social, and planning fundamentals of sustainable construction projects, preparation for specialized coursework, and minimum qualifications for entry-level employment in public and private green enterprises. The degree prepares students for specialized training in this field and career opportunities in energy management, “green” building design and construction, and sustainable public planning and policy development. Students can transfer to a four-year institution, or look for work in government agencies, consulting firms, construction, public works. Students will have the opportunity to link this major cooperatively with Laney College’s Architectural Technology and Energy Efficiency programs.

Dept No Title	Units
Required Courses	
ENVMT 001 Environmental Careers	1
ENVMT 002 Introduction to Sustainable Environmental Systems	3
ENVMT 011 Sustainable Urban and Regional Planning	3
ENVMT 016 Introduction to Healthy Community Systems	3
ENVMT 018 Environmental Writing	2.5
ENVMT 020 Introduction to Green Building and Ecological Design	3
ENVMT 021 Sustainable Energy Options	3
ENVMT 040 From Tree to Sea: A Bay Area Environmental Cross Section	3
ENVMT 020L Introduction to Green Building and Energy Options Lab	1
Select a minimum of 6.5 units	
ENVMT 024 Energy Conservation and Auditing	2
A/ET test1 Sample Training Course	3
LANHT 036A Natural Building	3
LANHT 036B Natural Building	3
LANHT 036C Natural Building	3
ENVMT 012 Environmental Racism and Justice	3
ENVMT 019 Civilization’s Impact on the Environment: Psychology of Trashing the Earth	3
ENVMT 210A/B Environmental Photography and Photo Monitoring I, II	1.5
GEOG 001 Physical Geography	3
Total Units	29

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

Date Submitted For:
CIPD Approval: 5/7/2012

Date Submitted For:
Board Approval: 6/12/12

Curriculum Item: **EFF. JUSTIFICATION:**

Merritt New Program

Associate in Science: Ecological Restoration, Ranger, Naturalist and Outdoor Education

The Ecological Restoration, Ranger Naturalist and Outdoor Education certificate is designed to prepare students for specialized coursework and establish minimum qualifications for entry-level employment in related public and private agencies including the fields of environmental assessment, monitoring, natural resource management, restoration and environmental education, nature and cultural interpretation in nature centers, schools and camps, park management and ecotourism.

Required Courses	Units
ENVMT 001 Environmental Careers	1
ENVMT 002 Introduction to Sustainable Environmental Systems	3
ENVMT 002L Principles of Ecology and Sustainable Systems Lab	1
ENVMT 011 Sustainable Urban and Regional Planning	3
ENVMT 008 Introduction to Outdoor Education	3
ENVMT 018 Environmental Writing	2.5
ENVMT 040 From Tree to Sea: A Bay Area Environmental Cross Section	3
<i>ENVMT 043 Urban Forest Products and Policies</i>	3
<i>ENVMT 044 Introduction to Creek and Watershed Restoration: General Aspects</i>	3
and	
GEOG 001 Physical Geography	3
or	
GEOL 012 Environmental Geology	3
Select a minimum of 4.5 units	
ENVMT 009 Early Childhood Environmental Education	3
ENVMT 012 Environmental Racism and Justice	3
ENVMT 019 Civilization's Impact on the Environment: Psychology of Trashing the Earth	3
ENVMT 030 Ecological Restoration: Uplands	2
ENVMT 031 Wetlands Restoration	3
ENVMT 032 Watershed Assessment	.5 - 3
ENVMT 034 From Dams to Greywater: California Water Systems and Alternatives	2
ENVMT 041 Wildlife and Watershed Restoration Gardening	1 - 2
ENVMT 042 Ecology, Culture and Stewardship of California Landscapes	1 - 3
ENVMT 210A/B Environmental Photography and Photo Monitoring I, II	1.5
ENVST 060A Natural History of the Bay Area: The State Parks, Part I	.5 - 7
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 038 Native Plant Habitats	2
LANHT 051ABCD Natural Landscape Interpretation	.5
COPEP 476F Occ. Work Experience in Environmental Management and Technology	1 - 4
Total Units	30

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Curriculum Item:

EFF. JUSTIFICATION:

Merritt New Program

Associate in Arts Degree: Social and Behavioral Sciences

~~These courses emphasize the perspective, concepts, theories and methodologies typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics of discussion will stimulate critical thinking about ways people have acted in response to their societies and will allow students to evaluate how societies and social subgroups operate. Courses from Administration of Justice, Anthropology, Business, Child Development, Community Social Services, Communication and English, Economics, Education, Environmental Management and Environmental Studies, Ethnic Studies, Geography, Health Education, History, Human Services, Political Science, Psychology, and Sociology are acceptable. The AA degree in Social and Behavioral Sciences will prepare students for majors at four-year institutions in the social sciences such as anthropology, history, psychology, sociology, or ethnic or cultural studies, among others.~~

~~The AA degree in Social and Behavioral Sciences will be awarded upon satisfactory completion of the Degree course requirements and the General Education requirements. Since the following degree courses appear on the General Education Course List, they may be used to meet both the degree and the General Education requirements, provided that the total is 37 or more units. A course may be used one time for the degree and one time only for the General Education requirements, even though the course may be listed in several category areas.~~

~~The Social and Behavioral Sciences AA Degree is designed for students who wish a broad knowledge of liberal arts and sciences plus additional coursework in an "Area of Emphasis," in this case, the Social and Behavioral Sciences. This area of emphasis would be an ideal choice for students planning on transferring to the California State University or University of California as the student can satisfy their general education requirements, plus focus on transferable course work that relates to majors at CSU or UC. Please consult with a counselor for specific information regarding your intended major at the specific colleges/university of your choice.~~

- ~~• Choose either option CSUGE or IGETC for the General Education pattern related to your educational goal.~~
- ~~• Complete requirements in Computer Literacy and Ethnic Studies (see catalog for details).~~
- ~~• Complete 18 units in the "Area of Emphasis" outlined below. (Note: Courses in the "area of emphasis" may also be counted toward a GE area; those with an (*) are listed in more than one area but may not be counted in more than one area.)~~
- ~~• All courses listed below transfer to CSU. Many courses are also transferable to UC. Refer to www.ASSIST.org for transfer details or see a counselor for additional details.~~

~~The A.A. in Social and Behavioral Sciences provides students with a broad perspective on human behavior. It is designed to stimulate appreciation for, and understanding of, values, ideas, and artifacts of culture and society. Critical thinking skills and self-understanding through these courses provide a framework for lifelong study in a variety of disciplines. Successful completion of the curriculum in Social and Behavioral Sciences offers students a breadth of knowledge that could be focused into single discipline degrees as well as applied to an interdisciplinary degree. The degree is intended for those who are considering transfer but have not decided on a major or for those who are required to complete a degree for job promotion. In all cases, students should consult with a counselor to develop their own program of study.~~

~~**SOCIAL AND BEHAVIORAL SCIENCES AA DEGREE**~~

~~General Education CSUGE/IGETC: 37-39~~

~~(Minimum units necessary to meet CSUGE/IGETC Certification requirements)~~

~~Area of Emphasis: 18~~

- ~~• 18 units required from the Area of Emphasis: Social and Behavioral Sciences.*~~
- ~~• Courses selected can be used to also fulfill GE areas.~~
- ~~• All courses below transfer to CSU. Many courses are also transferable to UC.~~
- ~~*Also see the separate AA degrees offered in Humanities, and Natural Sciences at Merritt College.~~

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Curriculum Item:	EFF.	JUSTIFICATION:
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~~Electives and Other Requirements (Computer Literacy, Ethnic Studies): 0-5
(Note: Electives and other requirements may be necessary to total 60 overall units required for the Associate Degree.)
Total Required Units: 60~~

~~Degree Requirements:~~

~~**Group 1: Select at least two courses for a minimum of 6 units from the following:**~~

~~AFRAM: 2*, 5*, 8*, 10*, 12*, 13*, 14A*, 14B*, 16*, 19*, 25*, 27*, 30*, 31*, 32*, 33*, 386*, 45*~~

~~ANTHR: 2, 3, 4, 5*, 7*, 8*, 13, 16, 18, 304~~

~~ASAME: 19*, 30*, 32*, 45A*, 45B*~~

~~COMM: 13*~~

~~ENGL: 38*~~

~~ENVST: 76A-D3*, 78A3*, 78B3*,~~

~~ENVMT: 126*, 27~~

~~M/LAT: 61*, 12*, 19*, 23*~~

~~NATAM: 19*, 76A-D3*, 78A3*, 78B3*,~~

~~**Group 2:**~~

~~**Select at least two courses for a minimum of 6 units from the following:**~~

~~CHDEV: 50, 51, 53, 56A, 57A COSER: 10, 24, 29*~~

~~COUN: 30~~

~~ENVMT: 19~~

~~HIST: 2A, 2B, 7A, 7B, 15, 19*~~

~~HUSV: 53~~

~~POSCI: 1, 2, 3, 4, 5*, 16~~

~~PSYCH: 1A, 1B, 3, 6, 10, 12, 192, 24, 33~~

~~SOC: 1, 2, 3, 5*~~

~~**Group 3:**~~

~~**Select at least two courses for a minimum of 6 units from the following:**~~

~~ADJUS: 21, 22, 25, 63~~

~~BUS: 5, 52~~

~~COMM: 6*, 10*, 18, 19, 22~~

~~ECON: 1, 2~~

~~EDUC: 1~~

~~ENVMT: 2, 13, 15~~

~~GEOG: 2~~

~~HLTED: 1~~

~~*Afram 19 is the same as Asame 19, M/Lat 6, and Natam 19; maximum credit: one course.*~~

~~*Envmt 19 is the same as Psych 19; maximum credit: one course.*~~

~~*Envst 76A-D, 78A and 78B are the same as Natam 76A-D, 78A and 78B, respectively; maximum credit: one course.*~~

~~*Each course must be taken for a minimum of 3 units to satisfy Area 2 requirements.*~~

~~*5M/Lat 19 is the same as Hist 17; maximum credit: one course. 6Afram 38 is the same as Envmt 12; maximum credit: one course.*~~

Total Units 18

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Curriculum Item:	EFF.	JUSTIFICATION:
ADJUS 021 Introduction to Administration of Justice	3	
AFRAM 016 The Prison Industrial Complex: African American Incarceration	3	
AFRAM 019 Racism in the United States	3	
AFRAM 030 African-American History: Africa to 1865	3	
AFRAM 031 African-American History: 1865-1945	3	
AFRAM 038 Environmental Racism and Justice	3	
ANTHR 003 Introduction to Social and Cultural Anthropology	3	
ANTHR 005 American Indian History and Culture	3	
ASAME 045A Asian-American History to 1945	3	
ASAME 045B Asian-American History from 1945 to the Present	3	
ASAME 030 Asians and Asian-Americans Through Films	3	
ASAME 032 Asian-American Psychology	3	
COMM 006 Intercultural Communication	3	
COMM 010 Gender and Communication	3	
COMM 013 Ethnic Perceptions in the Mass Media	3	
ECON 001 Principles of Economics (Macro-Economics)	3	
ECON 002 Principles of Economics (Micro-Economics)	3	
ENVMT 002 Introduction to Sustainable Environmental Systems	3	
GEOG 002 Cultural Geography	3	
HIST 007A History of the United States to 1877	3	
HIST 007B History of the United States Since 1865	3	
HLTED 001 Exploring Health Issues	3	
M/LAT 012 United States Relations with Mexico and Latin America	0 - 3	
POSCI 001 Government and Politics in the United States	3	
POSCI 002 Comparative Government	3	
POSCI 05 American Politics and Minority Groups	0 - 3	
PSYCH 001A Introduction to General Psychology	3	
PSYCH 010 Psychology and Life: Basic Principles	3	
PSYCH 012 Human Sexuality	3	
SOC 001 Introduction to Sociology	3	
SOC 002 Social Problems	3	

For the Associate in Arts Degree in Social and Behavioral Sciences, students must complete 18 units from the list above, the Merritt College General Education pattern, and any needed electives for a total of 60 units. Students must receive a minimum grade of "C" or better in all courses for their major in order to qualify for the degree. As this degree alone may not be complete preparation for transfer, students wishing to transfer to a 4-year institution should meet with a counselor to develop a plan which addresses all transfer requirements.

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Curriculum Item:	EFF.	JUSTIFICATION:
Merritt Program Modification		
Certificate of Proficiency: Personal Trainer		
A short certificate program to prepare individuals for a career in personal fitness training. Curriculum to develop skills for personal trainers in cardiovascular, strength, flexibility and nutrition programs and knowledge of exercise science and body composition assessment. Trainers will be ready to apply and interpret this experience and knowledge to provide fitness recommendations for their clients.		
Certificate of Proficiency		
BIOL 24 Basic Human Anatomy and Physiology	4	
NUTR 10 Nutrition	4	
PE 201 Fitness and Health Maintenance Activities	.5	2
<i>PE 39 Weight Training</i>	.5	
<i>PE 203 Fitness for Personal Trainers</i>	3	
COMM 020 Interpersonal Communication Skills	3	
Total Units		14.5

FEE BASED COURSE APPROVAL

Laney College Approval: 4/20/2012

Date Submitted For:
Board Approval: 6/12/12

JAPAN 801, Shodo-Japanese Calligraphy

12 Hours

Basic technique of three kinds of characters in Japanese; Hiragana, Katakana and Kanji. Hiragana and Katakana are characters which represents sounds. This course also includes learning the general rules of writing loan words in Katakana.

PE 805, Recreational Badminton

24 Hours

Activity class: Development of fundamental skills in badminton; reinforcement of rules through singles and doubles gameplay.



MEMORANDUM

DATE:

May 7, 2012

TO:

Council on Instruction, Planning, and Development

FROM: General Education Subcommittee:

L. Alvarez-Bollentino, J. Bielanski, S. Pantell, S. Queen, C. Smith, V. Virkkala Felsch

**RE: RECOMMENDED ADDITION AND DELETION TO GENERAL EDUCATION
REQUIREMENTS FOR LOCAL AA/AS DEGREES**

The General Education Subcommittee met on April 9, 2012 to review proposed changes to the General Education courses required for local AA/AS Degrees at the four Peralta Colleges. Each course was reviewed using the criteria contained in Peralta Community College District Board Policy 4025, Philosophy and Criteria for Associate Degree and General Education and Administrative Procedure 4100, Graduation Requirements for Degrees and Certificates.

The committee recommends approval of the enclosed list of courses.

In addition, the committee wishes to bring to Council's attention two matters. First, the cover memo for last year's recommendations incorrectly stated that the effective date of removal of College of Alameda's Area 4e, Communication and Analytical Thinking was Fall 2012; it should have said Fall 2011 and that correction is noted here.

Second, the committee gave only conditional approval for one year (academic year 2012-2013) to the additions of ESL 52A-B to Area 4a, English Composition, for Berkeley City College, College of Alameda, and Laney College. Conditional approval was based on the committee's determination that the outlines for these courses, in their current form, do not make explicitly clear that the courses satisfy the requirements of Area 4a, which state that courses should include substantial instruction and practice in thesis-driven expository and argumentative writing with a minimum of 6,000 words. If these elements are part of the courses, they should be noted in the outlines as the main focus in the course objectives, content, and assignments.

As an outgrowth of its review of ESL 52A-B, the committee then re-reviewed ESL 110 and ENGL 110, Academic Writing and Reading (cross listed), two courses approved for Area 4a last year (academic year 2011-2012), and determined that these courses also did not meet the requirements for inclusion in Area 4a. Therefore, these courses are also given a one-year conditional continued approval and will be re-reviewed at next year's meeting.

GENERAL EDUCATION SUB-COMMITTEE
COURSE PROPOSALS FOR ACADEMIC YEAR 2012 - 2013

AREA 1 - NATURAL SCIENCES				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
Delete:				
BIOL	12A	General Ecology	3	
College of Alameda				
Add:				
Delete:				
Laney College				
Add:				
Delete:				
Merritt College				
Add:				
BIOSC	50	Genetic Diseases	4	
Delete:				
AREA 2 - SOCIAL AND BEHAVIORAL SCIENCES				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
ANTHR	7	Magic, Religion and Witchcraft	3	3
BUS	77	Integrating Marketing Communications	3	
ART	181	Artist as Citizen: Community-Based Art Practices	3	3
ART	182	Introduction to Visual Culture	3	3
HUMAN	182	Introduction to Visual Culture	3	3
Delete:				
PSYCH	12	Human Sexuality	3	
College of Alameda				
Add:				
PSYCH	29	Introduction to Forensic Psychology	3	
Delete:				
ANTH	5	American Indian History and Culture	3	5
HIST	10A	History of Africa	3	
HIST	10B	History of Africa	3	

SOC	13	Sociology of the Family	3	
Laney College				
Add:				
NATAM	2	Native American Indians in Contemporary Society	3	5
Delete:				
AFRAM	9	Study of Caucasian Attitudes and Effect on the African - American Minority	3	5
AFRAM	15	African-American Women: Poverty, Politics and Power	3	5
Merritt College				
Add:				
AFRAM	3	Ghana: Pan African Thought and the Struggle for Africa's Liberation	3	
AFRAM	4	The Black Panther Party: Strategies on Organizing the People	3	5
AFRAM	18	African Heritage of Latin America	3	3
Delete:				
ENGL	38	Lift Every Voice: Race, Class, and Gender in the United States	3	3, 4d, 5
AREA 3 - HUMANITIES				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
ANTHR	7	Magic, Religion and Witchcraft	3	2
ART	180	Introduction to Conceptual Art	3	
ART	181	Artist as Citizen: Community-Based Art Practices	3	2
ART	182	Introduction to Visual Culture (same as HUMAN 182)	3	2
HUMAN	182	Introduction to Visual Culture (same as ART 182)	3	2
Delete:				
MMART	122A	History of Video Art	3	
MMART	124	Media Interpretation and Criticism	3	
College of Alameda				
Add:				
HUMAN	60	Introduction to LGBTQ Studies	3	
Delete:				
ENGL	36	Women in Literature	3	
SPAN	20A	Readings in Spanish	5	
SPAN	20B	Readings in Spanish	5	
SPAN	51	Survey of Latin American and Chicano Authors	3	4d
Laney College				
Add:				
AFRAM	26	African American Culture: Black Music, Art, and Literature	3	5
DANCE	7	Dance Study Abroad	3-5	
MUSIC	8A	Music History: Antiquity Through the Renaissance	3	
MUSIC	8B	Music History: The Baroque and Classical Eras	3	
MUSIC	8C	Music History: The Romantic Era	3	
MUSIC	8D	Music History: The Twentieth Century Through the Present	3	
Delete:				
COMM	2B	The Fundamentals of Oral Interpretation of Literature	3	4d
ENGL	20	Introduction to Dramatic Literature	4	4d
ENGL	26	Survey of Bible as Literature	3	4d
ENGL	32A	Contemporary Women Writers	3	4d
ENGL	32B	Contemporary Women Writers	3	4d
ENGL	33A	Introduction to Contemporary Literature	3	4d
ENGL	33B	Introduction to Contemporary Literature	3	4d

ENGL	44A	Masterpieces of World Literature	3	4d
ENGL	44B	Masterpieces of World Literature	3	4d
ENGL	226	Survey of the Bible as Literature	3	4d
ENGL	232A	Contemporary Women Writers	3	4d
ENGL	232B	Contemporary Women Writers	3	4d
ENGL	233A	Introduction to Contemporary Literature	3	4d
ENGL	233B	Introduction to Contemporary Literature	3	4d
ENGL	238	Survey of Asian-American Literature	3	4d, 5
ENGL	239	Latin American Literature in Translation	3	4d
ENGL	244A	Masterpieces of World Literature	3	4d
ENGL	244B	Masterpieces of World Literature	3	4d
MUSIC	12A	Introduction to Music Literature: Birth of Christ to 1827	3	
MUSIC	12B	Introduction to Music Literature: Romantic Period to Present	3	

Merritt College

Add:

AFRAM	18	African Heritage of Latin America	3	2
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Delete:

ENGL	10A	Creative Writing	3	4d
ENGL	10B	Creative Writing	3	4d
ENGL	17A	Shakespeare	3	4d
ENGL	30A	Introduction to American Literature	3	4d
ENGL	30B	Introduction to American Literature	3	4d
ENGL	32A	Contemporary Women Writers	3	4d
ENGL	32B	Contemporary Women Writers	3	4d
ENGL	38	Lift Every Voice: Race, Class, and Gender in the United States	3	2, 4d, 5
ENGL	43	Introduction to the Study of Poetry	3	4d
ENGL	210A	Creative Writing	3	4d
ENGL	210B	Creative Writing	3	4d
ENGL	217A	Shakespeare	3	4d
ENGL	230A	Introduction to American Literature	3	4d
ENGL	230B	Introduction to American Literature	3	4d
ENGL	232A	Contemporary Women Writers	3	4d
ENGL	232B	Contemporary Women Writers	3	4d
ENGL	243	Introduction to the Study of Poetry	3	4d
SPAN	22A	Spanish for Bilingual Speakers I	5	3
SPAN	22B	Spanish for Bilingual Speakers II	5	3
SPAN	31A	Intermediate Conversational Spanish	3	3
SPAN	31B	Intermediate Conversational Spanish	3	3
SPAN	38	Latin-American Literature	3	
SPAN	40	Hispanic Civilization and Culture	3	

AREA 4a - ENGLISH COMPOSITION

Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
ESL	52A	Advanced Reading and Writing	6	4d
ESL	52B	Advanced Reading and Writing	6	4d
Delete:				
College of Alameda				
Add:				
ESL	52A	Advanced Reading and Writing	6	
ESL	52B	Advanced Reading and Writing	6	

Delete:				
Laney College				
Add:				
ESL	52A	Advanced Reading and Writing	6	4d
ESL	52B	Advanced Reading and Writing	6	4d
Delete:				
Merritt College				
Add:				
Delete:				
AREA 4b - MATHEMATICS				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
Delete:				
College of Alameda				
Add:				
Delete:				
Laney College				
Add:				
MATH	1	Precalculus	4	
MATH	16A	Calculus for Business and the Life and Social Sciences	3	
MATH	16B	Calculus for Business and the Life and Social Sciences	3	
Delete:				
Merritt College				
Add:				
Delete:				
AREA 4c - COMPUTER LITERACY				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
Delete:				
MMART	159	Interactive Video	2	

MMART	159L	Interactive Video Lab	1	
MMART	176	3D Web Animation	2	
MMART	176L	3D Web Animation Lab	1	
MMART	179	Animation Layout and Visual Development	3	
MMART	180L	Animation Special Effects Lab	1	
MMART	229C	InDesign Desktop Publishing, Continuation	2	
College of Alameda				
Add:				
Delete:				
Laney College				
Add:				
Delete:				
Merritt College				
Add:				
LANHT	34A	Computer-Assisted Landscape Design	3	
LANHT	34B	Computer-Assisted Landscape Design	3	
LANHT	34C	Computer-Assisted Landscape Design	3	
LANHT	9A	SketchUp Pro I	3	
LANHT	9B	SketchUp Pro II	3	
LANHT	9C	SketchUp Pro III	3	
Delete:				
AREA 4d - ORAL or WRITTEN COMMUNICATION, or LITERATURE				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
ESL	50A	Advanced Listening and Speaking	4	
ESL	50B	Oral Communication for Advanced ESL Students	4	
ESL	52A	Advanced Reading and Writing	6	4a
ESL	52B	Advanced Reading and Writing	6	4a
Delete:				
ESL	21A	Composition/Reading	5	
ESL	21B	Composition/Reading	5	
College of Alameda				
Add:				
ESL	52A	Advanced Reading and Writing	6	4a
ESL	52B	Advanced Reading and Writing	6	4a
ESL	50A	Advanced Listening and Speaking	4	
ESL	50B	Advanced Listening and Speaking	4	
Delete:				
ESL	21A	Composition/Reading	5	
ESL	21B	Composition/Reading	5	
SPAN	51	Survey of Latin American and Chicano Authors	3	
Laney College				
Add:				
COMM	20	Interpersonal Communication Skills	3	

ESL	50A	Advanced Listening and Speaking	4	
ESL	50B	Advanced Listening and Speaking	4	
ESL	52A	Advanced Reading and Writing	6	4a
ESL	52B	Advanced Reading and Writing	6	4a
Delete:				
COMM	1B	Introduction to Speech	3	
COMM	2B	The Fundamentals of Oral Interpretation of Literature	3	3
ESL	21A	Writing 5 (Composition/Reading)	5	
ESL	21B	Writing 6 (Composition/Reading)	5	
ENGL	20	Introduction to Dramatic Literature	3	3
ENGL	26	Survey of Bible as Literature	3	3
ENGL	32A	Contemporary Women Writers	3	3
ENGL	32B	Contemporary Women Writers	3	3
ENGL	33A	Introduction to Contemporary Literature	3	3
ENGL	33B	Introduction to Contemporary Literature	3	3
ENGL	44A	Masterpieces of World Literature	3	3
ENGL	44B	Masterpieces of World Literature	3	3
ENGL	53	Technical Writing	3	
ENGL	226	Survey of the Bible as Literature	3	3
ENGL	232A	Contemporary Women Writers	3	3
ENGL	232B	Contemporary Women Writers	3	3
ENGL	233A	Introduction to Contemporary Literature	3	3
ENGL	233B	Introduction to Contemporary Literature	3	3
ENGL	238	Survey of Asian-American Literature	3	3, 5
ENGL	239	Latin American Literature in Translation	3	3
ENGL	244A	Masterpieces of World Literature	3	3
ENGL	244B	Masterpieces of World Literature	3	3
Merritt College				
Add:				
Delete:				
ENGL	10A	Creative Writing	3	3
ENGL	10B	Creative Writing	3	3
ENGL	17A	Shakespeare	3	3
ENGL	30A	Introduction to American Literature	3	3
ENGL	30B	Introduction to American Literature	3	3
ENGL	32A	Contemporary Women Writers	3	3
ENGL	32B	Contemporary Women Writers	3	3
ENGL	38	Lift Every Voice: Race, Class, and Gender in the United States	3	2, 3, 5
ENGL	43	Introduction to the Study of Poetry	3	3
ENGL	210A	Creative Writing	3	3
ENGL	210B	Creative Writing	3	3
ENGL	217A	Shakespeare	3	3
ENGL	230A	Introduction to American Literature	3	3
ENGL	230B	Introduction to American Literature	3	3
ENGL	232A	Contemporary Women Writers	3	3
ENGL	232B	Contemporary Women Writers	3	3
ENGL	243	Introduction to the Study of Poetry	3	3
AREA 4e - COMMUNICATION and ANALYTICA THINKING				
Prefix	#	Title	Units	Also In
College of Alameda				
Add:				
Delete:				
CIS	5	Introduction to Computer Science	5	

CIS	6	Introduction to Computer Programming	5	
CIS	23	C# Programming	4	
CIS	25	Object-Oriented Programming Using C++	4	
CIS	26	C Programming	4	
CIS	36A	Java Programming Language I	4	
CIS	36B	Java Programming Language II	4	
CIS	39A	Unix/Linux Operating Systems	4	
CIS	47	Visual Basic Programming	4	
CIS	97A	Oracle SQL and PL/SQL	4	
COMM	1A	Introduction to Speech	3	
COMM	1B	Introduction to Speech	3	
COMM	2A	Fundamentals of Oral Interpretation of Literature	3	
COMM	2B	Fundamentals of Oral Interpretation of Literature	3	
COMM	4	Dynamics of Group Discussion	3	
COMM	5	Persuasion and Critical Thinking	3	
COMM	19	Survey of Mass Media	3	
COMM	20	Interpersonal Communication Skills	3	
COMM	44	Argumentation	3	
COMM	45	Public Speaking	3	
ENG	1A	Composition and Reading	4	
ENG	5	Critical Thinking in Reading and Writing	3	
ENG	2II	Introduction to Critical Thinking	3	
MATH	2	Pre-Calculus with Analytic Geometry	5	
MATH	3A	Calculus I	5	
MATH	3B	Calculus II	5	
MATH	3C	Calculus III	5	
MATH	3E	Linear Algebra	3	
MATH	3F	Differential Equations	3	
MATH	1I	Discrete Mathematics	4	
MATH	12	Symbolic Logic	4	
MATH	13	Introduction to Statistics	4	
MATH	15	Mathematics for Liberal Arts Students	3	
MATH	50	Trigonometry	3	
MATH	202	Geometry	3	
MATH	203	Intermediate Algebra	4	
PHIL	10	Logic	3	
AREA 5 - ETHNIC STUDIES				
Prefix	#	Title	Units	Also In
Berkeley City College				
Add:				
Delete:				
College of Alameda				
Add:				
Delete:				
ANTH	5	American Indian History	3	2
Laney College				
Add:				
AFRAM	26	African American Culture: Black Music, Art, and Literature	3	3
NATAM	2	Native American Indians in Contemporary Society	3	2

Delete:				
AFRAM	9	Study of Caucasian Attitudes and Effect on the African - American Minority	3	2
AFRAM	15	African-American Women: Poverty, Politics and Power	3	2
ENGL	238	Survey of Asian-American Literature	3	3, 4d
Merritt College				
Add:				
AFRAM	4	The Black Panther Party: Strategies on Organizing the People	3	2
Delete:				
ENGL	38	Lift Every Voice: Race, Class, and Gender in the United States	3	2, 3, 4d