



Curriculum & Instruction Recommendations 11/14/16

Office of the Vice Chancellor
Academic Affairs

Presented and Approved at Board Meeting of Dec 13, 2016

Berkeley City College

College of Alameda

Laney

Merritt

BERKELEY CITY COLLEGE

November 14, 2016

CIPD Agenda

Process Title	Discipline	Course Number	Full Course Title	Effective Term	Units	Hours	Grading	Prerequisites	Catalog Description	Top Code	Justification	List of Changes	DE Addendum	CIPD Action
BCC Course - New	ENGL	508A	Academic Composition Skills: Prewriting and Organization	Summer 2017	0	1 to 15 hours laboratory (17.5-262.5 per semester)	(P/NP) or (SP, when available)		Individualized instruction in academic composition: Prewriting and essay organization.	4930.09	This course provides instruction in English composition skills for students enrolled in composition courses who need supplemental work; there is a high demand among Berkeley City College students for this kind of help. This course helps student achieve one of the institutional student learning outcomes: Communication. It also supports the goals of the statewide Basic Skill Initiative. The course is also included in the Academic Composition Skills Certificate of Competency.	New course. CC approved: 10/06/2016		Approved
BCC Course - New	ENGL	508B	Academic Composition Skills: Paragraph Development, Analysis, and Research	Summer 2017	0	1 to 15 hours laboratory (17.5-262.5 per semester)	(P/NP) or (SP, when available)		Individualized instruction in academic composition: Paragraph Development, Analysis, and Research.	4930.09	This course provides instruction in English composition skills for students enrolled in composition courses who need supplemental work; there is a high demand among Berkeley City College students for this kind of help. This course helps student achieve one of the institutional student learning outcomes: Communication. It also supports the goals of the statewide Basic Skill Initiative. The course is also included in the Academic	New course. CC approved: 10/06/2016		Approved

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BCC Course - New	ENGL	508C	Academic Composition Skills: Sentence Structure and Proofreading	Summer 2017	0	1 to 15 hours laboratory (17.5-262.5 per semester)	(P/NP) or (SP, when available)		Individualized instruction in academic composition: Sentence structure and proofreading.	4930.09	This course provides instruction in English composition skills for students enrolled in composition courses who need supplemental work; there is a high demand among Berkeley City College students for this kind of help. This course helps student achieve one of the institutional student learning outcomes: Communication. It also supports the goals of the statewide Basic Skill Initiative. The course is also included in the Academic Composition Skills Certificate of Competency.	New course. CC approved: 10/06/2016		Approved

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Process Title	Discipline	Course Number	Full Course Title	Effective Term	Units	Hours	Grading	Prerequisites	Catalog Description	Top Code	Justification	List of Changes	DE Addendum	CIPD Action
BCC Course - Update	MATH	201	Elementary Algebra	Spring 2017	5	5 hours lecture	(GR)	Prerequisite: MATH 225 or 250 or 253 or appropriate placement through multiple-measures assessment process.	Basic algebraic operations: Linear equations and inequalities, relations and functions, factoring quadratic polynomials, solving quadratic equations, fractions, radicals and exponents, word problems, graphing, and number systems. <i>Not open for credit to students who have completed or are currently enrolled in MATH 210ABCD.</i>	1701.00	Precollegiate course to prepare students for higher level math. Course Updates: 1. Removing MATH 251D from list of prerequisites 2. Student Learning Outcomes 3. Texts, Readings, and Materials	1. Removing MATH 251D from list of Prerequisites 2. Student Learning Outcomes 3. Texts, Readings, and Materials CC Date: 09/01/2016 District wide change	DE	Approved
BCC Course - Update	MATH	253	Pre-Algebra	Spring 2017	3	3 hours lecture	(GR)	Recommended preparation: MATH 250 or appropriate placement through multiple-measures assessment process.	Fundamentals of pre-algebra: Properties of real numbers, factoring and multiples, ratio and proportion, signed numbers, linear equations and formulas, powers and roots, percents and averages, and English and metric measurements.	1701.00	To prepare students for algebra the prerequisite for college level math. Course Updates: 1. Removing MATH 251D from the list of recommended preparations. 2. Student Learning Outcomes 3. Texts, Readings, and Materials	1. Removing MATH 251D from the list of recommended preparations. 2. Student Learning Outcomes 3. Texts, Readings, and Materials CC Date: 09/01/2016	DE	District wide change

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Process Title	Discipline	Course #	Full Course Title	Effective Date	Units	Hours	Letter Grade or Pass/No Pass	Requisites	Catalog Description	Top Code	Justification	List of Changes	DE Addendum	CIPD Action
COA New Course	ENGL	212	Writing Support	Summer 2017	1	1 hr lec; 1.5 hrs lab	GR or P/NP		Individualized instruction in writing: Thesis control and essay organization.	1501.00	This course provides instruction in English composition skills for students enrolled in composition courses who need supplemental work; adapted from BCC for use in Basic Skills acceleration programs. Consultation process was done with the other campuses.	New course. Adapted from BCC for inclusion in BSI Grant acceleration project. Approved by CC 10/4/2016		Tabled
COA Course Reactivation	ENGL	210A	Creative Writing	Summer 2017	3	3 hrs lec	GR or P/NP		Writing fiction, poetry, drama: Careful analysis of the techniques used by established writers	1507.00	To enable students who have not yet completed English 1A to explore Creative Writing and to enrich students' lives.	Reactivation. Was active but inadvertently deactivated. Adapted for College of Alameda. Update texts, align Performance Objectives. Approved by CC 10/4/2016		Approved
COA Course Reactivation	ENGL	210B	Creative Writing	Summer 2017	3	3 hrs lec	GR or P/NP		Continuation of writing fiction, poetry, drama: Careful analysis of the techniques used by established writers	1507.00	To enable students who have not yet completed English 1A to explore Creative Writing and to enrich students' lives	Reactivation. Was active but inadvertently deactivated. Adapted for College of Alameda. Update texts, align Performance Objectives. Approved by CC 10/4/2016		Approved
COA New Course	ENGL	511	Placement Exam Preparation	Summer 2017	0	1 hr lec	P/NP		Preparation for the English Placement Examination: Test-taking strategies and practice; familiarity with question types and testing environment; review of grammar, mechanics, vocabulary, structure; reading strategies review; culminates in students taking the English Placement Exam.	1501.00	Incoming students may not place as accurately as desired on their English assessment test. Students may accelerate to higher levels through more accurate entry testing. Addresses digital divide through familiarity with the online testing environment. To be used in conjunction with Math Jam or similar preplacement Math activities.	New course. Changing ENGL 348AG from a credit course to a non-credit course to be used in conjunction with Math Jam or similar preplacement Math activities. Approved by CC 10/4/2016		Approved

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COA Catalog Change	MATH	201	Elementary Algebra	Summer 2017	4	5 hrs lec	GR	Prerequisite: MATH 225 or 250 or 253 or appropriate placement through multiple-measures assessment process.	Basic algebraic operations: Linear equations and inequalities, relations and functions, factoring quadratic polynomials, solving quadratic equations, fractions, radicals and exponents, word problems, graphing, and number systems.	1701.00	Satisfies the general Education Analytical Thinking requirement for Associate Degree. Prepares students for subsequent courses in mathematics (Geometry and Intermediate Algebra). Prepares students for courses in other disciplines (e.g., Chemistry, Computer Science, Physics). Satisfies the requirement for certain vocational majors (i.e. Architecture, Engineering Technology, Photography, etc)	District wide change - remove MATH 251D prerequisites. Updated textbooks and editions; Added SLOs and mapped to ILOs; Updated distance ed addendum to have 201 be 100% online. Approved by CC 10/18/2016	Yes	Approved
COA Catalog Change	MATH	253	Pre-Algebra	Summer 2017	3	3 hrs lec	GR or P/NP	Recommended preparation: MATH 250 or appropriate placement through multiple-measures assessment process.	Properties of real numbers, factoring, multiples, ratio and proportion, signed numbers, linear equations and formulas, powers and roots, percents and averages, English and metric measurements.	1701.00	This course provides the preparation essential for success in Elementary Algebra. It introduces the student to the logic inherent in mathematics.	District wide change - remove MATH 251D prerequisite. Approved by CC 10/18/2016		Approved
COA Course Deactivation	DANCE	30	Jazz Dance	Summer 2017	1	3 hrs lab	GR or P/NP		Development of proficiency in technique: Skills related to rhythm, dance production, stagecraft and choreography	1008.00	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Permanent deactivation.	Deactivation. Approved by CC 10/4/2016		Approved
COA Course Deactivation	DANCE	64	Jazz Dance I	Summer 2017	1	3 hrs lab	GR or P/NP		Study and Development of beginning skills and technique of Jazz dance: Emphasizing the evolution of Jazz dance forms and rhythm from its origins to present day:	1008.00	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Permanent deactivation.	Deactivation. Approved by CC 10/4/2016		Approved

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COA Course Deactivation	DANCE	65	Jazz Dance II	Summer 2017	1	3 hrs lab	GR or P/NP		Study and development of the skills and techniques of jazz dance: Development of intermediate to advanced skills/knowledge related to body awareness and body mechanics, musicality, choreography and evolution of jazz dance forms.	1008.00	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Permanent deactivation.	Deactivation. Approved by CC 10/4/2016		Approved
COA Course Deactivation	DANCE	66	Jazz Dance III	Summer 2017	2	1 hr lec; 3 hrs lab	GR		Study and development of the skills and techniques of jazz dance: Intermediate-advanced proficiency in dance mechanics, dance anatomy, musicality, jazz dance choreography, dance production, stage performance and dance history.	1008.00	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Permanent deactivation.	Deactivation. Approved by CC 10/4/2016		Approved
COA Course Deactivation	DANCE	67	Jazz Dance IV	Summer 2017	2	1 hr lec; 3 hrs lab	GR		Study and development of the skills and techniques of jazz dance: Advanced proficiency in dance mechanics, dance anatomy, musicality, jazz dance choreography, dance production, stage performance and dance history.	1008.00	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Permanent deactivation.	Deactivation. Approved by CC 10/4/2016		Approved
COA Course Deactivation	DANCE	88	Swing Dance I	Summer 2017	1	3 hrs lab	GR or P/NP		Study and development of Swing Dance skills and technique: Instruction in various Swing Dance forms such as East Coast, West Coast, "Jive", "Lindy", "Jitterbug", "country/Western", as well as the historical significance as the National Dance of the United States of America.	1008.00	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Permanent deactivation.	Deactivation. Approved by CC 10/4/2016		Approved

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COA Course Deactivation	DANCE	89	Swing Dance II	Summer 2017	1	3 hrs lab	GR or P/NP		Continuation of Dance 88: Focus on complex turns, patterns, and partner; development of dance stylization and timing; proper partner dance etiquette and safety.	1008.00	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Permanent deactivation.	Deactivation. Approved by CC 10/4/2016		Approved
COA Course Deactivation	MATH	257	Learning Strategies in Algebra and Geometry	Summer 2017	1-3	1-3 hrs lec	GR or P/NP		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.	4930.32	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Course is now taught as an LRNRE course. Permanent deactivation.	Deactivation. Approved by CC 10/18/2016		Approved
COA Course Deactivation	MATH	258	Introduction to Mathematical Concepts and Strategies	Summer 2017	1-3	1-3 hrs lec	GR or P/NP		Mastering quantitative concepts and developing problem solving skills in arithmetic. Students will master learning strategies according to an educational plan developed for each student.	4930.32	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Course is now taught as an LRNRE course. Permanent deactivation.	Deactivation. Approved by CC 10/18/2016		Approved
COA Course Deactivation	PE	203	Exercise Physiology	Summer 2017	3	3	GR		Study of fitness enthusiasts on the physiological, nutritional, and body compositional mechanisms that determine human response to exercise.	0835.00	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Permanent deactivation.	Deactivation. Approved by CC 10/18/2016		Approved
COA Course Deactivation	SPCH	002A	Fundamentals of Oral Interpretation of Literature	Summer 2017	3	3 hrs lec	GR		Principles of effective delivery, reading aloud, analysis and appreciation of literature: Reading prose, poetry, and drama.	1506.00	Course is no longer offered and there is no plan to offer it in the future. Course is not part of any program. Permanent deactivation.	Deactivation. Approved by CC 10/18/2016		Approved

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Process Title	Discipline	Course #	Full Course Title	Effective Term	Units	Hours	Letter Grade or Pass/No Pass	Requisites	Catalog Description	Top Code	Justification	List of Changes	DE Addendum	CIPD Action
Laney New Course	CIS	079A	Android Programming	Summer 2017	3	3.00Lec	Both Letter Grade or Pass/No Pass	Recommended Preparation: CIS 025 or CIS 036A	Design and development of applications for Android operating system mobile devices: Android SDK for creating programs; crafting User Interfaces (UIs); creating location-based applications; and access web services.	0707.10	This course is a key component of Mobile Apps Certificate series. The Android programming environment is used to create applications for mobile devices running the Android operating system. There is a substantial need for trained Android application developers in the workforce. <i>Consulted with BCC</i>	Peralta Community College New Course for Summer 2017		Tabled

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Laney New Course	CIS	079B	Advanced Android Programming	Summer 2017	3	3.00Lec	Both Letter Grade or Pass/No Pass	Recommended Preparation: CIS 79A	Advanced Android development programming: Complex features such as animation, services, sensors, multi-threading, and the intricacies of Android Apps development.	0707.10	<p>This course is a key component of Mobile Apps Certificate series. This class teaches students how to go beyond basic Android programming for cellphones and tablets. Includes more complex features such as services, sensors, multi-threading, content provider, and advanced debugging. There is a substantial need for trained Android developers in the workforce.</p> <p>Consulted with BCC</p>	Peralta Community College New Course for Summer 2017		Tabled
Laney New Course	CIS	068A	iOS Programming	Summer 2017	3	3.00Lec	Both Letter Grade or Pass/No Pass	Recommended Preparation: CIS 025 or CIS 036A	Design and development of iOS apps using Xcode and Swift (or current development environment/language): Building custom UI elements, APIs (Application Programming Interfaces) and SDK (Software Development Kits) for phones and tablets.	0707.10	<p>This course is a key component of Mobile Apps Certificate series. The iOS programming environment is used to create Graphical User Interface applications for the iPhone and iPad devices. There is a substantial need for trained iOS developers in the workforce. This course is required for the certificate in iPhone Programming.</p> <p>Consulted with BCC</p>	Peralta Community College New Course for Summer 2017		Approved

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Laney New Course	CIS	068B	Advanced iOS Programming	Summer 2017	3	3.00Lec	Both Letter Grade or Pass/No Pass	Recommended Preparation: CIS 068A	Advanced iOS development programming: Animation, services, sensors, multi-threading, and the intricacies of iPhone Apps development.	0707.10	This course is a key component of Mobile Apps Certificate series. The iOS programming environment is used to create Graphical User Interface applications for the iPhone and iPad devices. There is a substantial need for trained iOS developers in the workforce. This course is required for the certificate in iPhone Programming. The application development process for iOS platforms (iPod Touch, iPhone, iPad and future platforms) relies on a specialized paradigm of application development - the mobile paradigm. Designers and developers of mobile apps are challenged to provide superb user experience on resource-limited platforms where memory, processing power and battery life are at a premium. In this course, we present Apple's approach to mobile app design and development, as reflected in the	Peralta Community College New Course for Summer 2017		Approved
Laney New Course	MATH	503	Supervised Tutoring in Mathematics	Summer 2017	0	1.00-72.00 lab	Pass/No Pass		Supervised tutoring, either individually or in small groups, to assist students enrolled in Mathematics course(s). <i>Students are referred by a counselor or instructor based on assessed academic need. Course may be repeated. Open Entry/Open Exit.</i>	4930.09	Provides academic assistance to individual students in a variety of courses to increase successful completion of college courses and to improve retention.	Peralta Community College New Course for Summer 2017		Approved

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Laney New Course	MUSIC	146	Advanced Choral Repertoire	Summer 2017	1	4.00 Lab	Both Letter Grade or Pass/No Pass	Prerequisite(s): Completion of a successful audition demonstrating ability to sing in tune in high, middle, and low registers using sufficient pharyngeal resonance to blend with other singers. Instructor approval is required.	Advanced level study and interpretation of accompanied and unaccompanied choral literature.	1004.00	The existing advanced level chorus is not transferable (MUS 225). This new course allows advanced choral singers to fulfill the ensemble portion of the Music AA-T with an appropriate level of difficulty.	Peralta Community College New Course for Summer 2017		Approved
Laney Course Updating	ATHL	41	Intercollegiate Women's Swimming & Diving Team	Summer 2017	3	10.00 Lab	Letter Grade Only	Prerequisite(s): To pass the intermediate swim test. Swim 2 laps (25 yards) without stopping and to tread water for 1 full minute.	Fundamentals of intercollegiate competition: Team competition in swimming and/or diving; advancing skills in the four competitive strokes; for diving, progressions on the one meter and three meter boards.	0835.50	To develop individual swimming and/or diving skills for intercollegiate competition. To develop the mental, physical, and social skills through team development and athletic competition.	Added prerequisite		Approved

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Laney Course Updating	CIS	25	Object Oriented Programming Using C++	Summer 2017	4	3.00 Lec/3.00 Lab	Both Letter Grade or Pass/No Pass	Recommended Preparation: CIS 006 or 026 061	Object-oriented methods of software development using C++; Design and implementation of objects, class construction and destruction, encapsulation, inheritance, and polymorphism.	0707.10	The most significant development in software development in recent years has been the evolution of Object Oriented Programming techniques. C++ has become the standard for practitioners of this method of programming. Transfers to some 4-year institutions. Satisfied Area 4c of General Education for the associate degree. Consulted with other colleges	Changed recommended preparation		Approved
Laney Course Deactivations	APPR	533	Molder and Coremaker	Summer 2017	not in META	3.00 Lec	P/NP	Prerequisite: Non course requirement-Be a registered apprentice in the Molder and Coremaker Apprenticeship Program	Metal casting industry: History, peoperties of metals, alloys, molding and core-making processes including gating, risering, melting, and heat treatment.	956	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved

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Laney Course Deactivations	ARCH	112	Building Systems Principles for Sustainable Residential Adaptation	Summer 2017	2	2.00 Lec	Both Letter Grade or Pass/No Pass		Introduction to local precedents in design: Materials, practices, and function from a systems point of view. Survey of historic construction practices, current trends in building design, construction and rehabilitation practices. Exploration of new technologies and regulatory systems' impacts on maintenance and adaptation emphasizing indoor air quality, occupant comfort, and building durability.	0201.00	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	ARCH	211A	Basic Computerized Drafting Techniques	Summer 2017	1	0.50 Lec/ 1.50 Lab	Letter Grade Only	Recommended Preparation: Recommendation required from faculty in Carpentry, Wood Technology, Welding or other CTE related programs	Basics of computerized drafting: Principles of applied geometry underlying orthographic and pictorial drawings, developing plans, elevations, sections and isometrics. Not open for credit to students who have completed or are currently enrolled in WDTEC 211A	0953.00	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	ART	41	Basic Design	Summer 2017	2	1.00 Lec/ 3.00 Lab	Both Letter Grade or Pass/No Pass		Fundamental elements of design: Dot, line, plane, volume, space, color, texture and light; laboratory experience in visual composition and layout emphasizing two-dimensional design.	1002.10	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved

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Laney Course Deactivations	ART	129	Introduction to Mural Art	Summer 2017	3	2.00 Lec/ 4.00 Lab	Both Letter Grade or Pass/No Pass		Muralism as a social movement: Study of contemporary mural movements and their historical antecedents, social, economic, cultural and political influences and significance; actual execution of mural work created collaboratively by faculty and students.	1002.10	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	CIS	73	Networking Concepts	Summer 2017	4	3.00 Lec/3.00 Lab	Both Letter Grade or Pass/No Pass	Prerequisite(s): CIS 001 or CIS 005	Networking concepts: Network architecture, hardware, software, concepts, protocols and standards.	0708.10	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	COPED	466B	OCC Work Experience in Architectural Technology	Summer 2017	1.00-4.00	3.00-15.00 Lab	Letter Grade Only		Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field.	0201.00	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	COPED	466G	OCC WE/Carpentry	1OCC WE/Carpentry	1.00-4.00				Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field.	95210	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	COPED	466H	OCC WE/Construction Management	Summer 2017	1.00-4.00				Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field.	95700	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	COPED	466J	OCC WE/Engineering Tech	Summer 2017	1.00-4.00				Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field	95300	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved

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Laney Course Deactivations	COPED	466K	OCC WE/Graphic Arts	Summer 2017	1.00-4.00				Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field.	103000	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	COPED	468	General Work Experience	Summer 2017	1.00-4.00				OCC. WORK EXPERIENCE IN FINE & APPLIED ARTS	10100	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	COPED	468A	OCC WE/Photography	Summer 2017	1.00-4.00				Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field.	101200	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	COSM	201	Manicurist Theory	Summer 2017	4	7.00 Lec	Both Letter Grade or Pass/No Pass	Corequisite(s): COSM 201L	Principles and procedures in all phases of manicuring and pedicuring; Applied principles of bacteriology, anatomy, physiology, and chemistry of nails, hands, and arm structure; disorders and diseases of the nail; sanitation; health and safety/hazardous substances; salon management; state rules and regulations.	3007.00	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	COSM	201L	Manicurist Theory	Summer 2017	6	18.00 Lab	Both Letter Grade or Pass/No Pass	Corequisite(s): COSM 201	Laboratory experience in all phases of manicuring, pedicuring, and related operations.	3007.00	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	ENGIN	22A	Fundamentals of Graphics	Summer 2017	3.00				FUNDAMENTALS OF GRAPHICS	90100	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	ENGIN	22B	Engineering Graphics	Summer 2017	3.00				ENGINEERING GRAPHICS	90100	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved

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Laney Course Deactivations	ECT	210	Basic Environmental Technology	Summer 2017	4.00	3 lec, 3Lab			Analysis of environmental systems, cycles and classification: Thermodynamic properties of refrigerants, heat transfer, system design and operation involving a detailed investigation of basic components and their application, refrigerated enclosures, vapor barriers, insulation and its application, analysis of source and calculation of heat gain, system lubrication and contamination problems	94600	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	ECT	221	Principles and Practice of Environmental Tech	Summer 2017	4	3 lec, 3Lab			Analysis of more complex environmental systems: Detailed investigation of component requirements, pressure-enthalpy diagram and its use, heat pumps, low temperature defrost methods, closed circuit and evaporative condensers, secondary systems, capacity control including required piping and instrumentations, multiplex and multistage systems, electric motors and drives, and wiring of control-system components.	94600	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved

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Laney Course Deactivations	ECT	222	Special Processes and Devices	Summer 2017	4	3 lec, 3Lab			Application and up-to-date methods of maintaining, diagnosing, and repairing environmental control systems: Heating, humidifying, dehumidifying, and filtering systems; absorption-type refrigeration equipment; thermoelectric refrigeration equipment; chilled-water and transportation refrigeration systems.	94600	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	ECT	250	Forced Air Heating and Air Conditioning	Summer 2017	1.00				Air conditioning systems and equipment used for residential and small commercial buildings: Air distribution equipment, layout, controls, service and checklist services		Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved
Laney Course Deactivations	PSYCH	501	Perspectives on Aging Issues: Choices, Coping, Optimization and Growth	Summer 2017	0	1.00 Lec	Pass/No Pass		Bio-psycho-social perspective on themes and issues on aging: Physical aging process, health problems, emotional, cognitive, and personality changes, socio-cultural aspects of aging, drug abuse, treatments, successful aging plans, and death and dying.	2001.00	Course is no longer being taught and is not part of any program	permanently deactivating at State		Approved

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MC New Course	AFRAM	11	Perceptions of the African American Male in America	Summer 2017	3.00	3 Lec	Letter Grade or Pass/No Pass		The African American male in the history of the United States: Roles in sports, economics, entertainment, military, politics and family structure.	2203.00	The high negative visibility of the Black male in America an in-depth look at the true role the black man has filled and continues to fulfill in American society as a father, family man, and role model.	Cloned from Laney with permission	YES	Approved
MC New Course	AFRAM	23	Perceptions of African-American Women	Summer 2017	3.00	3 Lec	Letter Grade or Pass/No Pass		Study and application of the historical role African-American women have played in the development of this country from its inception.	2203.00	The lack of visibility of the Black Female in America warrants an in-depth loo at the true role the black woman has filled and continues to fulfill n American society as a mother, family person, and rol model.	Cloned from Laney with permission	YES	Approved
MC New Course	BIOSC	39	Comparative Genomics and Phylogenetics	Summer 2017	4.00	3 Lec, 3 Lab	Letter Grade	Recommended Preparation: BIOSC 30 and 31	Comparative DNA analysis: DNA assembly, DNA verification, phylogenetic methodologies including phylogenetic trees, pseudogene formation, and parallel gene duplication, utilizing GENEIOUS software.	0430.00	The genomics market utilizes DNA comparison for mutation detection as well as evolutionary relationships. This course will be part of the new Phylogenetic Analysis and DNA Sequencing and Analysis for Nano-Chip Technology certificates.			Approved

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MC New Course	MATH	240	Elementary and Intermediate Algebra for Liberal Arts and Social Sciences	Summer 2017	6.00	6 Lec	Letter Grade	Prerequisite: MATH 253, 225, or 250	Elementary and Intermediate Algebra: Systems of equations, inequalities, graphs and functions, radicals, quadratic polynomials, rational expressions, exponential and logarithmic functions, and problem solving for liberal arts and social science majors.	1701.00	This course will allow students to complete their math requirements in fewer semesters. Please see attached files section for the Basic Skills and Student Outcomes. Transformation (BSSOT) grant proposal (pp.29) for detailed justification for this course.			Approved
MC New Course	MUSIC	24	Jazz History	Summer 2017	3.00	3 Lec	Both Letter Grade or Pass/No Pass		Evolutionary development of jazz music and the artists responsible for its creation: Historical, cultural, and sociological analysis of each style period through extensive guided listening.	1004.00	The course is a general education course that will become part of the music department offerings at Merritt College. It reflects a general interest by our student population, and it will help in crossdisciplinary studies in departments such as: African-American studies, whereas Jazz History would be an option for the AA degree.		YES	Approved

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MC Course Changes in Catalog Info	BIOL	36	Human Genetics	Spring 2017	4.00	3 Lec / 3 Lab	Both Letter Grade or Pass/No Pass	BIOL 1A or 10	Survey of basic Mendelian and modern genetics: Basic cell biology, cytogenetics, pedigree analysis, multi-factorial inheritance, development and sex determination, DNA structure and function, gene expression and regulation, mutation and epigenetics, evolution and population genetics, cancer genes, immune system, biotechnology, behavior genetics, genetic counseling.	0401.00	Course is needed to broaden the options offered in Biology and to introduce students to Mendelian modern concepts of genetics above and beyond the material taught in introductory courses. Course proposed to meet AA/AS area 1, CSUGE and IGETC requirements.	1) Updated course description to include "modern genetics"	Approved
MC Course Changes in Catalog Info	MATH	201	Elementary Algebra	Spring 2017	5.00	5 Lec	Letter Grade Only	Prerequisite: MATH 225 or 250 or 253 or appropriate placement through multiple-measures assessment process.	Basic algebraic operations: Linear equations and inequalities, relations and functions, factoring quadratic polynomials, solving quadratic equations, fractions, radicals and exponents, word problems, graphing, and number systems. <i>Not open for credit to students who have completed or are currently enrolled in MATH 210ABCD.</i>	1701.00	Precollegiate course to prepare students for higher level math.	1. Removing MATH 251D from list of Prerequisites	Approved

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MC Course Changes in Catalog Info	MATH	253	Pre-Algebra	Spring 2017	3.00	3 Lec	Letter Grade Only	Recommended preparation: MATH 250 or appropriate placement through multiple-measures assessment process.	Fundamentals of pre-algebra: Properties of real numbers, factoring and multiples, ratio and proportion, signed numbers, linear equations and formulas, powers and roots, percents and averages, and English and metric measurements.	1701.00	To prepare students for algebra - the prerequisite for college level math.	1. Removing MATH 251D from the list of recommended preparations.	Approved
MC Course Changes in Catalog Info	NURS	260A	Nursing Skills Lab	Summer 2017	0.50-1.00	1.50-3 Lab, open entry/exit	Pass/No Pass		Nursing skills lab for AD Nursing students to practice and improve skills in a self-paced, controlled environment: Nursing diagnosis and nursing care plans, vital signs, infection control/asepsis (basic hygiene and dressing changes), communication techniques, patient safety and comfort, medications, feeding techniques.	2030.10	Changing units to .5-1. Most students only require or have enough time to complete .5 units. Some students may need to complete 1 unit to develop the necessary skills. The unit values of 1, 1.5, and 2 in B, C, D require too many hours and a number of students are not able to pass due to time constraints. The corequisites were causing enrollment issues and enrollment is already strictly controlled by the nursing department. This course has been recommended by the State Board of Registered Nursing and the ADN Advisory Board. To master nursing skills, the students must practice many times in a safe and controlled environment. This course will enable the student to improve and become proficient in nursing clinical skills.	1) changed units from .5 to variable .5-1 2) removed corequisites	Approved

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MC Course Changes in Catalog Info	NURS	260B	Nursing Skills Lab	Summer 2017	0.50-1.00	1.50-3 Lab, open entry/exit	Pass/No Pass		Nursing skills lab for AD Nursing students to practice and improve skills in a self-paced, controlled environment: physical assessment skills; fluids, elimination, mobility, case studies; review of skills taught in 260A.	1230.10	Changing units to .5-1. Most students only require or have enough time to complete .5 units. Some students may need to complete 1 unit to develop the necessary skills. The unit values of 1, 1.5, and 2 in B, C, D require too many hours and a number of students are not able to pass due to time constraints. The corequisites were causing enrollment issues and enrollment is already strictly controlled by the nursing department. This course has been recommended by the State Board of Registered Nursing and the ADN Advisory Board. To master nursing skills, the students must practice man times in a safe and controlled environment. This course will enable the student to improve and become proficient in nursing clinical skills.	1) changed units from 1 to variable .5-1 2) removed corequisites		Approved
MC Course Changes in Catalog Info	NURS	260C	Nursing Skills Lab	Summer 2017	0.50-1.00	1.50-3 Lab, open entry/exit	Pass/No Pass		Nursing skills lab for AD Nursing students to practice and improve skilld in a self-paced, controlled environment: Intravenous medications, advanced tube management and insertion, advanced respiratory skills with invasive measures; review of skills taught in 260A and 260B.	1230.10	Changing units to .5-1. Most students only require or have enough time to complete .5 units. Some students may need to complete 1 unit to develop the necessary skills. The unit values of 1, 1.5, and 2 in B, C, D require too many hours and a number of students are not able to pass due to time constraints. The corequisites were causing enrollment issues and enrollment is already strictly controlled by the nursing department. This course has been recommended by the State Board of Registered Nursing and the ADN Advisory Board. To master nursing skills, the students must practice man times in a safe and controlled environment. This course will enable the student to improve and become proficient in nursing clinical skills.	1) changed units from 1.5 to variable .5-1 2) removed corequisites		Approved

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MC Course Changes in Catalog Info	NURS	260D	Nursing Skills Lab	Summer 2017	0.50-1.00	1.50-3 Lab, open entry/exit	Pass/No Pass		Nursing skills lab for AD Nursing students to practice and improve skills in a self-paced, controlled environment: Venipuncture, complex fluid and electrolyte balance, advanced cardiac life support and rhythms; first responder group work; review of skills taught in 260A, 260B, and 260C.	1230.10	Changing units to .5-1. Most students only require or have enough time to complete .5 units. Some students may need to complete 1 unit to develop the necessary skills. The unit values of 1, 1.5, and 2 in B, C, D require too many hours and a number of students are not able to pass due to time constraints. The corequisites were causing enrollment issues and enrollment is already strictly controlled by the nursing department. This course has been recommended by the State Board of Registered Nursing and the ADN Advisory Board. To master nursing skills, the students must practice many times in a safe and controlled environment. This course will enable the student to improve and become proficient in nursing clinical skills.	1) changed units from 2 to variable .5-1 2) removed corequisites		Approved
MC New Course - Correction	ENGL	264A	Preparation for Composition, Reading, and Research	Spring 2017	5	4 LEC, 3 LAB	Both Letter Grade and Pass/No Pass		Introduction to college-level composition, reading, and research: Active reading strategies; writing and prewriting strategies; argumentation techniques; research techniques.	1501.00	Incorporating an accelerated model into Merritt's basic skills sequence	1) Correcting effective date to spring 2017		Approved
MC Course Deactivation	FISCI	208	Fire Fighter I Certification – Preparation A	Summer 2017	4.00						No longer teaching. Not part of any program.			Approved
MC Course Deactivation	FISCI	209	Fire Fighter I Certification – Preparation B	Summer 2017	4.00						No longer teaching. Not part of any program.			Approved

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MC Course Deactivation	FISCI	220	Aircraft Rescue and Firefighting Control	Summer 2017	3.00						No longer teaching. Not part of any program.			Approved
MC <u>Information Only</u>	BIOL	9	Marine Biology	Spring 2017	4.00	3 Lec 3 Lab	Both Letter Grade or Pass/No Pass		Introduction to the natural history of marine algae, invertebrates, fish and mammals, focusing on Northern California coast environments: Basic concepts of biology, oceanography, ecology, and current environmental issues.	0408.00	This is a basic introductory biological science course that covers the natural history of marine life. The course satisfies GE requirements in Area 1 (Natural Sciences) and also meets requirements for the Natural Sciences degree. Laboratory and field activities explore the physical and chemical properties of seawater, local coastal habitats, and the taxonomy and ecology of marine animals, plants, and microbes.	1) Added DE Addendum	YES	Approved
MC <u>Information Only</u>	BIOL	15	Environmental Biology	Spring 2017	3.00	3 Lec	Both Letter Grade or Pass/No Pass		Study of the relationships between living things and their environment: Natural selection and speciation, the organism and the environment, population ecology, the ecosystem, and a survey of ecosystems.	0408.00	This is a basic introductory ecology course that covers the relationships between living things and their environment. The course satisfies GE requirements in Area 1 (Natural Sciences), and also meets requirements for the Natural Sciences degree. Acceptable for credit at CSU and UC systems.	1) Added DE Addendum	YES	Approved

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MC <u>Information Only</u>	BIOL	23	Introduction to the Human Body	Spring 2017	3.00	3 Lec	Both Letter Grade or Pass/No Pass		Course is equivalent to Biol 24 without the lab; it does not meet Allied Health requirements for an anotomy and physiology course. Fundamentals of structure and function of the human body: Emphasis on medical and health aspects.	0410.00	Course introduces students to human and physiology without requiring them to take a laboratory component. This will meet the needs of non-science students who would like to learn more about their body. Course is proposed to meet AA/AS area 1, CSU area B2, and IGETC area 5B requirements.	1) Added DE Addendum	YES	Approved
MC <u>Information Only</u>	BIOL	25	Human Biology	Spring 2017	3.00	3 Lec	Both Letter Grade or Pass/No Pass		Principles of the sciences through study of biological structures and functions of the human organism: Human genetics, evolution, ecology, sexual differences and comparisons, development and growth, and survey of body systems.	0401.00	This is a basic introductory biological science course that covers the evolutionary history, structure and function of the human body, and interaction of humans with their environment. The course satisfies GE requirements in Area 1 (Natural Sciences) and also meets requirements for Natural Sciences degree. Acceptable for credit at CSU and UC systems.	1) Added DE Addendum	YES	Approved
MC <u>Information Only</u>	PARLG	4	Law Office Management	Spring 2017	2.00	2 Lec	Letter Grade Only		Operation and organization of a law office: Structure, procedures, systems, organizational theory, personal administration, and law office equipment.	1402.00	Provides paralegals with an understanding of their role in the law office environment, and the role of all persons in the legal team.	1) Added DE Addendum	YES	Approved

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MC <u>Information Only</u>	PARLG	6	Legal Research	Spring 2017	3.00	3 Lec	Letter Grade Only		Legal research tools and materials: Law Library, computerized legal research techniques	1402.00	Course acquaints the student with all aspects of legal research and facilitates the basic acquisition of knowledge and skill through various applications and assignments. Course is transferable to the CSU system and is required for the Paralegal Studies program.	1) Added DE Addendum	YES	Approved
MC <u>Information Only</u>	PARLG	8	Introduction to Civil Procedure and Litigation Practice	Spring 2017	3.00	3 Lec	Letter Grade Only		California and federal rules of civil procedure, and litigation practice from the beginning of the lawsuit through the end of a lawsuit: Initial pleadings, responsive pleadings, motions, discovery requests, pretrial, trial and posttrial practice, and settlement.	1402.00	Course is required for the Paralegal Studies degree and certificate and provides students with the skills needed to assist with all phases of simple civil litigation practice.	1) Added DE Addendum	YES	Approved
MC <u>Information Only</u>	PARLG	9	Introduction to Tort Law	Spring 2017	3.00	3 Lec	Letter Grade Only		Analysis and examination of Tort Law: Negligence, Intentional Torts, Strict Liability, Products Liability, Defamation and other torts, analyzing the facts of a particular client's case to determine whether he/she has a valid case/cause of action	1402.00	Course is one of the elective courses required for the Paralegal Studies degree and certificate. Course provides students with the skills needed to assist attorneys in the legal field. Tort law is a major area of employment within the paralegal profession and this course will greatly enhance students' opportunities for competing in the employment market as well as provide necessary concepts and principles commonly used in legal environments. Course is transferable to the CSU system and is required for the Paralegal Studies program (from list).	1) Added DE Addendum	YES	Approved

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MC <u>Information Only</u>	PARLG	11	Advanced Legal Research and Writing	Spring 2017	3.00	3 Lec	Letter Grade Only		Systematic approach to learning legal problem analysis and organization for written and oral communication: Drafting legal documents and letters, and developing listening skills and interviewing techniques.	1402.00	Course strengthens written and oral communication skills for legal professionals. Course is transferable to the CSU system and is required for the Paralegal Studies program.	1) Added DE Addendum	YES	Approved
MC <u>Information Only</u>	PARLG	12	Estate Planning and Probate Procedure	Spring 2017	3.00	3 Lec	Letter Grade Only		Wills, Trusts, Probate procedure and Estate Administration: Purpose and need for a Will; the distinction between Wills and Trusts; process and procedure of Estate Administration; duties of personal representative, including drafting and identifying all forms required for probate and estate administration.	1402.00	Course is one of the elective courses required for the Paralegal Studies degree and certificate. Course provides students with the skills needed to assist attorneys in the legal field. Estate Planning and Probate is a major area of employment within the paralegal profession and this course will greatly enhance students' opportunities for competing in the employment market as well as provide necessary concepts and principles commonly used in legal environments. Course is transferable to the CSU system and is required for the Paralegal Studies program (from list).	1) Added DE Addendum	YES	Approved

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MC <u>Information Only</u>	PARLG	16	Seminar in Paralegal Studies Internship	Spring 2017	3.00	3 Lec	Letter Grade Only	Corequisite: COPED 474A	Study of the specific competencies required of the student in the Paralegal Studies Internship program: Assessment, development, practicum, and evaluation of individual skills in a paralegal setting. Course accompanies COPED 474A, Occupational Work Experience in Paralegal Studies, and provides students with the additional tools needed to have a successful and productive internship experience.	1402.00	Course is the lecture component to the accompanying occupational work experience course in Paralegal Studies, COPED 474A. Course is needed to accompany the occupational work experience course in Parlg to provide students with the extra skills needed to successfully complete their Internship.	1) Added DE Addendum	YES	Approved
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College	Proposal Type	Program Title	Award Type	Effective Term	Discipline	Top Code	Justification/ List of changes	Curriculum Approval Date	Action
Berkeley City College	New Program	Academic Composition Skills	Certificate of Competency	Spring 2017	ENGL	4930.09	This certificate program ensures necessary skills in fundamentals of English composition for students enrolled in composition courses who need supplemental work. It supports the goals of the statewide Basic Skill Initiative.	10/6/2016	Approved
Berkeley City College	Program Modification	Communication Studies	Associate in Arts for Transfer	Spring 2017	COMM	1506.00	The program was updated to reflect current curriculum offerings. COMM 004 and 010 were added to the list of electives. Program Learning Outcomes were updated.	10/6/2016	Approved

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College	Proposal Type	Program Title	Award Type	Effective Term	Discipline	Top Code	Justification/ List of changes	Curriculum Approval Date	Action
Berkeley City College	Program Modification	Film, Television, and Electronic Media	Associate in Science for Transfer	Spring 2017	MMART	0604.20	<p>The program was updated to reflect current curriculum offerings.</p> <p>Required Courses (15 Units)</p> <p>HUMAN021 Film: Art and Communication 3</p> <p>MMART110 Scriptwriting and Storyboarding I 3</p> <p>MMART148A Sound Recording and Editing 2</p> <p>MMART148LA Sound Recording and Editing Lab 1</p> <p>MMART141A Video Production I 3</p> <p>MMART141B Video Production II:Directing & Producing 3</p> <p>List A: Select 3 units from the following Credit Hours: (0 Required)</p> <p>MMART141A Video Production I 3</p> <p>MMART141B Video Production II:Directing & Producing 3</p> <p>List A: Select 3 units from the following</p> <p>COPED 468B Occupational Work Experience in Multimedia Arts 3</p> <p>MMART123 The Documentary Tradition 3</p> <p>MMART142 Visual Storytelling & Cinematography 3</p> <p>MMART150A Video Editing I 2</p> <p>MMART150LA Video Editing I Lab 1</p> <p>MMART150B Video Editing II 2</p> <p>MMART150LB Video Editing II Lab 1</p> <p>MMART150C Video Editing III 2</p> <p>MMART150LC Video Editing III Lab 1</p> <p>MMART152A Motion Graphics/After Effects I 2</p> <p>MMART152LA Motion Graphics/After Effects I Lab 1</p> <p>List C: Select 3 units from the following or any 3-unit course not used from List A or B</p> <p>MMART123 The Documentary Tradition 3</p> <p>MMART152A Motion Graphics/After Effects I 2</p> <p>MMART152LA Motion Graphics/After Effects I Lab 1</p>	10/6/2016	Approved
COA	Deactivation	Liberal Arts	AA	Spring 2017	Liberal Arts in Natural Sciences	4901.00	Program does not exist in 2015-17 catalog. Last admission term was Spring 2008. AA degree in Liberal Arts in Natural Sciences, Arts and Humanities and Social and Behavioral Sciences replaced this program.	4-Oct-16	Approved
COA	Deactivation	Social Science	AA	Spring 2017		2201.00	Program does not exist in 2015-17 catalog. Spring 2008 was the last admission term.	4-Oct-16	Approved
COA	Deactivation	Toyota Specialist	CA	Spring 2017		0948.00	Toyota terminated contract with PCCD, therefore Program needs to be deactivated.	4-Oct-16	Approved

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College	Proposal Type	Program Title	Award Type	Effective Term	Discipline	Top Code	Justification/ List of changes	Curriculum Approval Date	Action
Laney	New Certificate	Android Programming	CA/CP	Spring 2017	CIS	0707.10	<p>Mobile Apps are ubiquitous and the industry requires numerous qualified software developers. Properly prepared students can expect a rewarding career in high-paying jobs. The program provides the analytical, methodological, and language skills required within this field. Private employers have told us they would hire based on these skills.</p> <p>Program being created as a CP and CA.</p>	10/7/2016	Tabled
Laney	New Certificate	iOS Programming	CA/CP	Spring 2017	CIS	0707.10	<p>Mobile Apps are ubiquitous and the industry requires numerous qualified software developers. Properly prepared students can expect a rewarding career in high-paying jobs. The program provides the analytical, methodological, and language skills required within this field. Private employers have told us they would hire based on these skills.</p> <p>Program being created as a CP and CA.</p>	10/7/2016	Approved

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College	Proposal Type	Program Title	Award Type	Effective Term	Discipline	Top Code	Justification/ List of changes	Curriculum Approval Date	Action
Laney	Program-modification	Biomanufacturing	CA	Spring 2017	BIOL	0430.00	<p>Update to program due to feedback from regional meetings/labor market information; add C-ID to courses; changed program of study</p> <p>Degree Requirements:</p> <p>First Semester</p> <p>Credit Hours: (9 - 10 Required)</p> <p>BIOL 075 Fundamentals of Biotechnology 2</p> <p>MATH 208 Mathematics for Laboratory Sciences 3</p> <p>CHEM 030A Introductory General Chemistry 4</p> <p>or</p> <p>CHEM 001A General Chemistry 5</p> <p>Second Semester</p> <p>Credit Hours: (7-8 Required)</p> <p>BIOL 076 Principles of Biomanufacturing 3</p> <p>BIOL 003 Microbiology 5</p> <p>or</p> <p>BIOL 073 Cell Culture Principles and Techniques 4</p> <p>Total: 16.00 - 18.00</p> <p>The Biomanufacturing program is designed to provide students with the knowledge and skills necessary for employment in the biomanufacturing/pharmaceutical industry. Students continue their academic training (after completing the Certificate of Proficiency in Biomanufacturing Skills) by taking additional courses to earn a Certificate of Achievement in Biomanufacturing, gaining the skills and knowledge necessary for a higher level of employment within the manufacturing sector of the pharmaceutical industry.</p>	10/21/2016	Approved

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College	Proposal Type	Program Title	Award Type	Effective Term	Discipline	Top Code	Justification/ List of changes	Curriculum Approval Date	Action
Laney	Program-modification	Biomanufacturing Production	AS	Spring 2017	BIOL	0430.00	<p>changed program of study; update labor market information.</p> <p>Degree Requirements:</p> <p>First semester Credit Hours: (9 - 10 Required)</p> <p>BIOL 075 Fundamentals of Biotechnology 2 MATH 208 Mathematics for Laboratory Sciences 3 CHEM 030A Introductory General Chemistry 4</p> <p>or</p> <p>CHEM 001A General Chemistry 5</p> <p>Second Semester Credit Hours: (7 - 8 Required)</p> <p>BIOL 003 Microbiology 5</p> <p>or</p> <p>BIOL 073 Cell Culture Principles and Techniques 4 BIOL 076 Principles of Biomanufacturing 3</p> <p>Third Semester Credit Hours: (7 Required)</p> <p>BIOL 072A Biotech Instrumentation: Good Manufacturing Practices and Safe Chemical Handling 1 BIOL 072B Biotech Instrumentation: Clean Room 1 BIOL 072C Biotech Instrumentation: PCR 1 BIOL 072D Biotech Instrumentation: Protein Purification and Quality Control 1 BIOL 074 Scientific Communication 3</p> <p>Fourth Semester Credit Hours: (7 Required)</p> <p>BIOL 077 Business and Regulatory Practices in Biomanufacturing 3 BIOL 079 Bioreactor Cell Culture and Protein Recovery 4</p>	10/21/2016	Approved

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College	Proposal Type	Program Title	Award Type	Effective Term	Discipline	Top Code	Justification/ List of changes	Curriculum Approval Date	Action
Laney	Program-modification	Biomanufacturing Skills	CP	Spring 2017	BIOL	0430.00	<p>Update to program of study; added C-ID to courses; updated labor market information</p> <p>Degree Requirements: Certificate of Proficiency Requirements: Credit Hours: (9 - 10 Required) BIOL 075 Fundamentals of Biotechnology 2 MATH 208 Mathematics for Laboratory Sciences 3 CHEM 001A General Chemistry 5 or CHEM 030A Introductory General Chemistry 4 Total: 9.00 - 10.00</p> <p>The one semester bio manufacturing skills (fasttrack) certificate would allow low income individuals with limited educational skills to access jobs in bio manufacturing in a relatively short time period, creating both a reasonable entry point for increasing their earnings quickly and laying the basis for further skills upgrade for career development. For individuals juggling many outside commitments or low skill individuals with limited educational attainment, training must be scaffolded to allow short term success while building a foundation for career advancement and lifelong learning. Bio manufacturing is a perfect sector for such scaffolding, because even entry level glassware washing jobs offer many opportunities for higher wage jobs with additional training.</p>	10/21/2016	Approved

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College	Proposal Type	Program Title	Award Type	Effective Term	Discipline	Top Code	Justification/ List of changes	Curriculum Approval Date	Action
Laney	Program-modification	Science	AS	8/22/2016	Biological and Physical Sciences	4902.00	<p>changed top code from BIOL 0401.00 to Biological and Physical Sciences 4902.00 and program goal; added CHEM 30B as option to CHEM section.</p> <p>Degree Requirements: Select a minimum of 18 units from at least two disciplines Credit Hours: (0 Required)</p> <p>Biology Courses BIOL 001A General Biology 5 BIOL 001B General Biology 5 BIOL 002 Human Anatomy 5 BIOL 003 Microbiology 5 BIOL 004 Human Physiology 5 BIOL 020A Human Anatomy and Physiology 5 BIOL 020B Human Anatomy and Physiology 5 Credit Hours: (0 Required)</p> <p>Chemistry Courses CHEM 001A General Chemistry 5 CHEM 001B General Chemistry 5 CHEM 030A Introductory General Chemistry 4 CHEM 030B Introductory Organic and Biochemistry 4 Credit Hours: (0 Required)</p> <p>Mathematics Courses MATH 003A Calculus I 5 MATH 003B Calculus II 5 MATH 013 Introduction to Statistics 4 Credit Hours: (0 Required)</p> <p>Physics Courses PHYS 003A General Physics 5</p>	10/21/2016	Approved
Merritt	MC New Program	Data Analysis and Entry Using Genbenk	CP	Spring 2017	BIOSC	0430.00	<p>The job market requires data analysis and presentation skills. Scientific presentation skills are important not only in industry but also for those seeking to advance their training with a higher degree. This plan is a workable selection for a two-year High School program.</p>	10/13/2016	Approved

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College	Proposal Type	Program Title	Award Type	Effective Term	Discipline	Top Code	Justification/ List of changes	Curriculum Approval Date	Action
Merritt	MC New Program	DNA Sequencing and Analysis for Nano-Chip Technology	CA	Spring 2017	BIOSC	0430.00	Nano-Chip technology is the sequencing technology of the near future. Students versed in this new type of DNA analysis will develop skills that will carry them through changes in DNA sequencing technologies throughout their careers.	10/13/2016	Approved
Merritt	MC New Program	Phylogenetic Analysis	CP	Spring 2017	BIOSC	0430.00	Comparative DNA analysis is standard procedure in much of the sequencing industry. In addition, phylogenetic trees are essential for understanding the evolution of species.	10/13/2016	Approved
Merritt	MC New Program	Scientific Presentation for Genomics	CP	Spring 2017	BIOSC	0430.00	Designed for high school bridge programs, this certificate teaches students the principles of scientific presentation utilizing original data. This includes development of papers worthy of publication in peer-reviewed scientific journals. Although we will not limit this certificate to high school students, the certificate's main objective is to teach original scientific inquiry and presentation. These skills are essential to success in both industry and academic settings.	10/13/2016	Approved
Merritt	MC Program Modification	Accounting	AA	Spring 2017	BUS	0502.00	1) Updated PLOs 2) Updated description	10/13/2016	Approved
Merritt	MC Program Modification	Accounting	CA	Spring 2017	BUS	0502.00	1) Updated PLOs 2) Updated description	10/13/2016	Approved
Merritt	MC Program Modification	Business Management	CA	Spring 2017	BUS	0506.00	1) Deleted BUS 1B, 5, 10, 70, and 74 from core 2) Added BUS 20 as alternative to BUS 1A in core 3) Added BUS 2 and CIS 1 to core 4) Created two emphases 5) Updated description 6) Updated PLOs	10/13/2016	Approved
Merritt	MC Program Correction	Maintenance of DNA	CP	Spring 2017	BIOSC	0430.00	1) Correction to Title	10/13/2016	Approved