



Curriculum & Instruction Recommendations October 2011

Educational Services
Office of the Vice Chancellor
Presented and Approved at Board Meeting of October 25, 2011

CURRICULUM AND INSTRUCTION RECOMMENDATIONS
October 2011

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

Date Submitted For:
CIPD Approval: 10/3/2011

Date Submitted For:
Board Approval: October 25, 2011

Curriculum Item:	EFF.	JUSTIFICATION:
<p>Berkeley New Course MATH 248UP, Accelerated Mathematics for Statistics 5 Units, 6 Hours Lecture (GR) Prerequisite: MATH 253</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> <p style="text-align: right;">1701.00</p>	S 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. High attrition rates are structurally guaranteed in multi-semester developmental sequences. The more “exit points” where students can fall away by not passing or not enrolling in the next course, the smaller the number of students who will complete the final course. 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. Other colleges participating in the 3CSN Accelerated Math project and offering similar new courses: Diablo Valley College (Pleasant Hill), City College of San Francisco, College of the Canyons (Santa Clarita), Cuyamaca College (Rancho San Diego), and Riverside City College.</p> <p>This course is designed for students who do not want to major in math, science, computer science, or business. When this course is institutionalized, it will be proposed as an option to satisfy the AA General Education Math requirement at BCC.</p>
<p>Berkeley Program Deactivation Certificate of Achievement: Watercolor Painting</p>		<p>This certificate has not been offered in several years.</p>
<p>College of Alameda –Modified Course</p> <p>LRNRE 267 279, Communication Strategies 1-2 4 Units, 1-2 4 Hours Lecture, (GR/PNP P/NP) Vocational/Living Skills for adults with disabilities: Development of appropriate social skills for the workplace; personal social effectiveness (assertiveness) in vocational and social settings; appropriate behaviors for cooperative/community building in the workplace, and goal setting/organizational skills.</p> <p style="text-align: right;">4930.30</p>	S 12	<p>This course is designed for students with disabilities. It will give students skills and strategies to maintain employment after they have finished college. Increasing the units to original course.</p>

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<p>College of Alameda New Course</p> <p>COPED 451, Occupational Work Experience 1-4 Units, 1-4 Hours Lecture (GR/PNP) Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience)</p> <p>Supervised employment of students extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goals.</p> <p style="text-align: right;">4932.00</p>	S 12	Provides an opportunity as outlined in Title V § 55252, for working students to earn academic credit for employment relating to their educational or career goals. Each will complete Learning Objective form specific to their employment (sample attached to outline).
<p>Laney New Course Proposal</p> <p>CARP 207, Math for Construction Trades 3 Units, 3 Hours Lecture, (GR/PNP)</p> <p>Mathematics with specific application to Carpentry: Whole numbers, fractions, decimals, percents and percentages, measurements, areas and volumes, powers and roots, combined applications to construction problems.</p> <p style="text-align: right;">0952.10</p>	S 12	Course recommended for success in the construction trades. Institutionalizing CARP 248GG.
<p>Laney Modified Course Proposal</p> <p>CULIN 33, Managing Food Sanitation 2 Units, 2 Hours Lecture (GR) Prerequisites: CULIN 223, 224, 225, 226, 227 Corequisites: CULIN 31, 53, 232 <i>T.B. clearance required.</i></p> <p>Advanced theory and principles of food sanitation: Safe food handling and storage, HACCP program planning, OSHA regulations, and personal hygiene and safety. Preparation for NRA SERVSAFE certification exam. T.B. clearance required.</p> <p style="text-align: right;">1306.30</p>	S 12	Removing pre and co requisites.

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<p>Laney Modified Course Proposal</p> <p>GRART 121, Applied Graphic Design 1 3 Units, 1 Hour Lecture, (GR) Prerequisite: GRART 20 or 111 or 113 and Co-requisite: GRART 112 Recommended Preparation: GRART 111 and 112</p> <p>Project-oriented class for the practical application of typographical theory: Impact of type on the audience, type composition, layout, emphasis, and characteristics for impact on readability, legibility and graphic design aesthetics; use of computer page layout software in project completion.</p> <p style="text-align: right;">1030.00</p>	S 12	Updating prerequisites.
<p>Laney New Course</p> <p>PHOTO 180, HD SLR Workflow for Digital Photography and Cinematography 3 Units, 2 Hours Lecture, 3 Hours Lab (GR)</p> <p>Advanced HD SLR camera exploration of still and motion video: Intermediate to advanced techniques of shooting high resolution stills and full HD video, exploration of the HD SLR aesthetic, emphasis on low cost alternatives to video production popular with indie filmmakers.</p> <p style="text-align: right;">1012.00</p>	S 12	<p>The mainstay of still photography has been the SLR camera. Technology evolved many features into the basic SLR camera model, the HD SLR (High-Definition Single Reflex Camera). Video production is now not only possible but many independent filmmakers have embraced the technology because of their low cost, portability and high quality cinema look.</p> <p>A joint collaboration between the Photography and Media Communications Departments, this HD SLR course mixes many of the core disciplines needed for the photographer and videographer.</p>
<p>Laney Informational Items New Fee Based Course</p> <p>BIOL 801, Biology of Growing Food 12 Hours, 6 Hours Lecture, 6 Hours Lab</p> <p>Basics of growing edible plants for household production: Design and layout, composting, soil preparation, planting, maintenance, and harvesting. Intended for students with no or limited previous gardening experience.</p> <p style="text-align: right;">6822.00</p>	F 11	Course provides the student with a working knowledge of how to produce edible plants in a household setting, in order to help incorporate fresh, seasonal, affordable foods into their regular diet.

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Laney New Fee Based Course	F 11	Since the concept is new, this fee-based HDSLR workshop was designed to fill two needs:
PHOTO 801, HDSLR Workshop 16 Hours, 10 Hours Lecture, 6 Hours Lab		1) to build a student base and interest for the regular semester course and 2) to answer student requests for a more timely introduction to the potential of this popular camera. This is a joint collaboration between the Photography and Media Communications Departments.
Basic operation of HDSLR cameras and exploration of industry techniques and usage: Camera setup, motion video, stills, ancillary equipment needs, aesthetic considerations.		
6822.00		

Laney Program Modification

A.S. Degree: Baking and Pastry

The two certificate programs (majors) in this department are Baking and Pastry and Restaurant Management. They provide students with the knowledge, skills, and attitudes which enhance successful employment in the various job classifications of the Culinary Arts industry. The programs include pre-employment courses, supervised experience prior to employment, extension classes, and short-term workshops for upgrading skills. Many classes are approved by Retail Bakers Association (RBA) and National Restaurant Association (NRA). The major in Baking and Pastry prepares students for employment in retail bakeries, and in industrial and commercial establishments as pastry cooks or bakers. Note: This program includes frequent application of fractions, decimals, and percents. Mathematics 251A-B is recommended for students who want a review.

Degree Major/Certificate Requirements:

FIRST SEMESTER

CULIN 203 Introduction to Baking	4
CULIN 204 Basic Patisserie	4
CULIN 215 Culinary Math Fundamentals	1
CULIN 216 Introduction to Food Science and Nutrition	1
CULIN 219 Introduction to Sanitation	1

SECOND SEMESTER

CULIN 205 Artisan Breads	5
CULIN 206 Advanced Cake Decorating	5

THIRD SEMESTER

CULIN 207 International Patisserie	6
CULIN 208 Confiserie (Candy and Chocolate Making)	5

FOURTH SEMESTER

CULIN 33 Managing Food Sanitation	2
CULIN 209 Contemporary Plated Desserts	6
CULIN 229 Culinary Career Success Strategies	2
<i>CULIN 233 How to Open a Baking Business</i>	2

or

CULIN 217 Recipe, Formula, and Food Costs	1
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TOTAL UNITS **43-44**

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<p>Merritt Modified Course Proposal</p> <p>ADJUS 57, Report Writing for Public Safety Personnel 2 3 Units, 2 3 Hours Lecture (GR/PNP)</p>	S 12	Increasing the lecture hours and units from 2 to 3. Additional time is needed to cover course content.
<p>Merritt New Course</p> <p>ADJUS 26, Introduction to Forensic Investigation 3 Units, 3 Hours Lecture (GR)</p> <p>History and philosophy of forensic investigation from the perspective of the investigator: Identification of various techniques and their applications, role expectations and the interrelationships with other scientific and non-scientific disciplines as they relate to the judicial system.</p> <p style="text-align: right;">2105.00</p>	S 12	This course is designed for students seeking or continuing employment in the field of law enforcement. It provides the basic knowledge of the fundamentals of forensic science investigation as well as touches on the historical and philosophical perspectives of this field. Students will learn to evaluate applicability and feasibility in the application of scientific techniques outlined in the course.
<p>Merritt Informational Items</p> <p>New Course</p> <p>BIOL 048PC, Natural History of Switzerland and the Swiss Alps 4 1.5 Units, 4-20 1.5 Hours Lecture, (GR/PNP)</p> <p>Introduction to the climate, geology, geologic history, geomorphology, plants, animals and their ecological interactions in the Swiss Mittelland, Jura Mountains and the Swiss Alps.</p>	S 12	This course continues the offering of short-term pre-requisite courses to subsequent fee-based field courses begun in 2005. They offer the Peralta community the opportunity to learn in depth, at the college level, and in the field, the ecology of significant world ecosystems, otherwise not available to the community.
<p>Merritt New Fee Base Course</p> <p>LANHT 896, Ethnobotany 24 Hours Lecture</p> <p>An overview of useful plants from the first hunter gatherers through the beginnings of agriculture and selection of superior strains; major food plants and their origins; a detailed look at the use of plants in California Indian's lives; reinterpretations of this ancient knowledge for modern times.</p>	S 12	