



Curriculum & Instruction Recommendations February 2011

Educational Services
Office of the Vice Chancellor
Presented and Approved at Board Meeting of March 15, 2011

CURRICULUM AND INSTRUCTION RECOMMENDATIONS
February 2011

TABLE OF CONTENTS

	<u>Page</u>
Berkeley City College	1
Laney College	3

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

Date Submitted For:
CIPD Approval: 2/7/2011

Date Submitted For:
Board Approval: 3/15/11

Curriculum Item:	EFF.	JUSTIFICATION:
Berkeley Course Deletion	M 11	The college has no plans to offer these courses in the future.
ANTHR 5, American Indian History and Culture		
ECON 30, Survey of Economics		
ECON 37, International Trade Finance		
HIST 24, Current Events		
HIST 224, Current Events		
INTRD 32, Introduction to International Business		
INTRD 33, International Trade Law		
INTRD 36, International Marketing		
INTRD 37, International Trade Finance		
INTRD 203, Letters of Credit		
INTRD 204, Basics of Importing		
INTRD 205, Basics of Exporting		
INTRD 206, Practices of Intl. Agents and Distributors		
INTRD 207, Managing Foreign Exchange		
INTRD 209, International Purchasing		
INTRD 212, Export Mngmt and Training Companies		
INTRD 214, International Risk Management		
INTRD 215, Technology Transfer/Joint Ventures		
INTRD 218, International Advertising		
INTRD 234, Careers in International Trade		
INTRD 243, Methods of Shipping/Packing/Insuring Intl		
INTRD 245A-Q, Doing Business in International		
Markets: various		
PE 2, Aerobics		
PE 17, Tai Chi Chuan		
PE 26, Beginning Self-Defense		
PE 40, Yoga		
PE 120, Pilates		
PSYCH 1B, Introduction to General Psychology		
PSYCH 24, Abnormal Psychology		
SOC 10, Introduction to the Sociology of Work		
TRAV 48UA-ZZ, Selected Topics in Travel Indu		
TRAV 49, Independent Study in Travel Industry		
TRAV 59, Careers in Travel for the 21st Century		
TRAV 60A, Travel Industry Resources & Procedures I		
TRAV 60B, Travel Industry Resources & Procedures II		
TRAV 61, Air Travel		
TRAV 62, The World: Background for Tourism		
TRAV 63, The Cruise Industry		
TRAV 64, Travel Sales and Customer Service		
TRAV 71A-F, Principles of Group Travel		
TRAV 72A-Z/AA-AM, Destination Studies: Various		
TRAV 73, Opening a Travel Company		
TRAV 75, Selling Tours and Packages		
TRAV 76, Adventure Travel		
TRAV 78, Receptive Travel		
TRAV 80, Employment Preparation for the Travel Industry		
TRAV 81, Meeting and Event Planning		
TRAV 82, Introduction to Hospitality		
TRAV 248UA-ZZ, Selected Topics in Travel Industry		

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Berkeley Modified Course Proposal</p> <p>ART 18, Critique and the Creative Process</p> <p><i>Prerequisites Recommended Preparation:</i> ART 020 or ART 025 or ART 030 or ART 041 or ART 050 or ART 060 or ART 095A or ART 001 or ART 004 or ART 013 or ART 014</p>	M 11	Changing prerequisites to recommended preparation.
<p>Berkeley Informational Item: Distance Education</p> <p>ENGL 32A, Contemporary Women Writers ENGL 37, American Fiction (1914 to 1945) ENGL 47, Children's Literature ENGL 53, Technical Writing ENGL 130, Introduction to English Syntax and Grammar MATH 1, Pre-Calculus MATH 13, Introduction to Statistics ART 16, Introduction to Islamic Art</p>	S 11	To offer both 100% online and hybrid.
<p>Berkeley New Course</p> <p>ART 16, Introduction to Islamic Art 3 Units, 3 hours Lec, (G/PNP)</p> <p>Major visual art forms and movements of Islamic art: Concentration on architecture, painting, and objects from the Middle East, North Africa, Asia, and the Indian subcontinent; the relationship among art, politics, everyday life, and gender identities and relations; European and American opinions of Islamic arts and culture.</p> <p style="text-align: right;">1001.00</p>	F 11	<p>This course complements the department's art history offerings. It offers the students a valuable opportunity to learn about and discuss an important history and culture in our global world and its influence on our own culture. No other course like this is offered in the District. This course will complement online and on-campus Middle East history, Islamic history, and Global Studies courses offered by UCB and BCC. Formerly ART 48VR. New CB00 needed.</p>
<p>Berkeley New Course</p> <p>ART 175, Studio Art Laboratory 1 Units, 3 hours Lab, (G/PNP) Course study under this section may be repeated three times.</p> <p>Independent exploration, consultation and refinement of drawing, painting, and sculpture skills beyond normal classroom assignments.</p> <p style="text-align: right;">1002.00</p>	F 11	<p>Provides students with individual supervised lab instruction as an optional supplement to their regular lecture and lab course work. It does not duplicate any other offering in the District and emphasizes development of studio discipline, exploration of materials and techniques, and completion of out-of-class assignments that cannot be thoroughly examined in the existing applied art classes due to high enrollment and lack of space and time in home environments. In addition, the course offers the potential for community with other student artists at the college.</p>

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Berkeley New Course</p> <p>ENGL 501, Supervised Tutoring in Composition and Reading 0 Units, 1 hour Lab, Non Credit course</p> <p>Supervised tutoring, either individually or in small groups, to assist students in increasing their success in composition and reading in college courses. Students may enroll for assistance in more than one college course per semester.</p> <p style="text-align: right;">4930.09</p>	F 11	<p>This course provides academic assistance to individual students and small groups of students who may be enrolled in a variety of other college courses; its purpose is to increase successful completion of college courses that involve writing and/or reading and to improve retention. State approval required.</p>
<p>Berkeley New Course</p> <p>HUMAN 56, Meditation: Theory and Practice 1 Units, 1hour Lecture, (GR/PNP)</p> <p>Introduction to theory and practice of a variety of meditation methods: Contemporary and ancient techniques; comparative studies from monastic and householder traditions, both Eastern and Western.</p> <p style="text-align: right;">1599.00</p>	M 11	<p>This course has been taught three times during the summer as an experimental course (48UC) with much success. It is also taught at UC Berkeley and elsewhere We believe this is evidence of serious student interest in meditation and this course will meet the needs vof a diverse student body. It will help students improve concentration, and potentially enhance academic performance. There is also evidence that meditation reduces addictive behavior, reduces incidences of stress related disease, and enhances creativity. This course will expand the Humanities/ Philosophy Program at BCC. Stand alone course</p>
<p>Berkeley Program Deactivation</p> <p>Certificate of Achievement: International Trade</p> <p>Certificate of Achievement: Travel/Tourism – Professional Level</p> <p>Certificates of Proficiency: Travel/Tourism – Entry Level Adventure Travel Cruise Industry Air Travel Group Travel Inbound Travel</p>		<p>The college has no plans to offer these programs.</p>
<p>Laney Course Deactivation</p> <p>HIST 2A, History of European Civilization HIST 2B, History of European Civilization HIST 32, The United States Since 1945</p>	F 11	<p>The study of Western Institutions and ideas is a commonly accepted necessity for any educational institution. Acceptable for credit: CSU, UC.</p>

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Laney New Course</p> <p>BIOL 72A, Biotech Instrumentation: Good Laboratory Practices and Safe Chemical Handling 1 Unit, .5 hours Lec, 1.50 hours Lab, (GR)</p> <p>Good Laboratory Practices: Use of Good Laboratory Practices (GLP) for working in the laboratory and in writing and maintaining batch production records.</p> <p style="text-align: right;">0430.00</p>	F 11	<p>FDA regulations require the following of a set of rules with stringent requirements for research and for testing of products. Students need to understand and have hands on experience working with GLPs since these are the standards they will be expected to</p>
<p>Laney New Course</p> <p>BIOL 72B, Biotech Instrumentation: Clean Room 1 Unit, .5 hours Lec, 1.50 hours Lab, (GR)</p> <p>Clean Room gowning: Introduction to clean room gowning, proper sanitation techniques necessary for working the production floor of biomanufacturing companies.</p> <p style="text-align: right;">0430.00</p>	F 11	<p>Required for Associates of Science in Biomanufacturing degree. This course will train students with techniques necessary for working in the pharmaceutical industry. The short course format is attractive to people who only need a specific topic that can be</p>
<p>Laney New Course</p> <p>BIOL 72C, Biotech Instrumentation: PCR 1 Unit, .5 hours Lec, 1.50 hours Lab, (GR)</p> <p>Polymerase Chain reaction techniques: Molecular mechanisms and underlying biological concepts; applications of PCR in biotechnology and biomanufacturing, types of PCR methods, PCR experimental design, technical issues and troubleshooting.</p> <p style="text-align: right;">0430.00</p>	F 11	<p>Course is required for the Biomanufacturing program. Course would be of benefit to students pursuing biology degrees or careers in the biotechnology, biomanufacturing and quality control workforce. The short course format is attractive to people who only</p>
<p>Laney New Course</p> <p>BIOL 72D, Biotech Instrumentation: Quality Control 1 Unit, .5 hours Lec, 1.50 hours Lab, (GR)</p> <p>Quality Control Assays: Common assays used in Quality control including electrophoresis, High Performance Liquid Chromatography (HPLC) and Enzyme Linked Immunabsorbant Assay (ELISA) to test products.</p> <p style="text-align: right;">0430.00</p>	F 11	<p>Hands on experience in following a variety of protocols, learning the assays used in the workforce to test for purity of product and reporting of data are all necessary skills for the workplace in the biomanufacturing field. Required for Associates of Sci</p>

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Laney New Course</p> <p>BIOL 73, Cell Culture Principles and Techniques 4 Units, 2 hours Lec, 6 hours Lab, (GR) Prerequisite: BIOL 075</p> <p>Principles of and techniques for cell culture: Characteristics of cultured cells, types of cells grown, cell cycle, growth factors, understanding, avoiding, and detecting contamination, cell structure and differentiation includes bacterial, yeast, plant and mammalian cells.</p> <p style="text-align: right;">0430.00</p>	F 12	The ability to manipulate cell cultures and understand the principles governing ex vivo growth of diverse cell types is essential for the manufacture of biological products. This Course is required for the A.S. Degree in Biomanufacturing.
<p>Laney New Course</p> <p>BIOL 74, Scientific Communication 3 Units, 3 hours Lec, (GR)</p> <p>Scientific communication in biomanufacturing and biotechnology: Analysis and preparation of protocols and standard operating procedures (SOPs) report and present data and experimental conclusions, analysis of articles about scientific research and developments in biotechnology.</p> <p style="text-align: right;">0430.00</p>	F 11	Course is required for the biomanufacturing program. Oral and written communication is extremely important in science, both in academia and in the workforce. This course develops those skills.
<p>Laney New Course</p> <p>BIOL 77, Business and Regulatory Practices in Biomanufacturing 3 Units, 3 hours Lec, (GR)</p> <p>Sound manufacturing procedures and basic business principles: Key concepts for product quality and safety as it moves through a biomanufacturing production pipeline, roles of governmental oversight and regulation during the discovery, development and manufacturing of new products for the biopharmaceutical industry.</p> <p style="text-align: right;">0430.00</p>	S 12	Students will learn an overview of the biomanufacturing field and the importance of regulations in producing a pharmaceutical product intended for human consumption. This course is required for the AS degree in biomanufacturing

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<p>Laney New Course</p> <p>BIOL 79, Bioreactor Cell Culture and Protein Recovery 4 Units, 2 hours Lec, 6 hours Lab (GR) Prerequisites: BIOL 003, BIOL 073, BIOL 075</p> <p>Biomanufacturing production technician skills: Emphasis on growth and monitoring of fermenters and bioreactors, including cleaning, media preparation, aseptic inoculation, cell harvesting, lysis, protein recovery and purification of proteins using centrifugation, ultrafiltration, and chromatography techniques.</p> <p style="text-align: right;">0430.00</p>	S 12	Required for Associates degree in Biomanufacturing. This course will be taught using conditions that mimic the production "floor" and better prepare students for the biomanufacturing workforce.
<p>Laney New Course</p> <p>LCI 202 Sight Translation 2 Units, 2 hours Lecture, (GR/PNP)</p> <p>Principles of sight translation (oral), skills and practices, legal terms used in court proceedings. Legal vocabulary development in English and Spanish, practice with documents in English and from a variety of Spanish-speaking countries.</p> <p style="text-align: right;">2140.00</p>		This course is designed to familiarize students with legal and other written documents commonly used in the court and to facilitate accurate oral translation of these documents into the target language in a public situation. Sight translation is one of the components of the California State Exam for Interpreters.
<p>Laney New Course</p> <p>LCI 203 Consecutive Interpretation 2 Units, 2 hours Lecture, (GR/PNP)</p> <p>Introduction to principles of consecutive interpretation; development of oral interpretation skills, legal vocabulary used in court proceedings and examination of lexical characteristics of Spanish used by participants in the legal process.</p> <p style="text-align: right;">2140.00</p>		This course facilitate the development of skills in the consecutive mode of interpretation in legal proceedings such as arraignments, pretrial hearings, trials and depositions.
<p>Laney New Fee Based Course</p> <p>LABST 814, Labor Heritage Chorus 20 Total hours (4 lecture/16 lab)</p> <p>Study of labor history through story and songs which illustrate the struggles of diverse cultures and periods.</p> <p style="text-align: right;">6822.00</p>	S 11	This course provides access to labor history through story and song. Labor activists are enthusiastic about learning, telling worker stories and singing labor songs and songs of multicultural struggles from the past and present.

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Laney New Fee Based Course	S 11	
MEDIA 830, Primary and Secondary Color Correction in Final Cut Pro 10 Total hours (8 lecture/2 lab)		Proper color correction of a movie differentiates between a polished, professional product and an amateur production. There are few courses/texts that go into depth in using the color correction capabilities of Final Cut Pro.
Primary & Secondary Color Correction in Final Cut Pro: Setting up coloring environment, coloring theory and how we see and react to color, scopes & methods for evaluating images, luminance and contrast, chrominance and color balancing, color continuity, coloring overall and/or targeting specific image areas, creating moods, stylizations, changing times of day, broadcast legal.		
	6822.00	

Laney New Program

A.S. Degree: Biomanufacturing Production

The associates degree continues to build on the courses taught for the certificates of proficiency and achievement to prepare graduates to work in the biomanufacturing/pharmaceutical industry as technicians. Students will learn how to operate and maintain the equipment used to manufacture protein pharmaceutical products; culture bacterial, yeast, and mammalian cells and recover the proteins that those cells produce. Students will follow good manufacturing practices by maintaining records in order to comply with quality assurance procedures and government regulations.

First semester

BIOL 075 Fundamentals of Biotechnology	2
CHEM 030A Introductory Inorganic Chemistry	4
MATH 208 Mathematics for Laboratory Sciences	3

Second Semester

BIOL 003 Microbiology	5
or	
BIOL 073 Cell Culture Principles and Techniques	4
BIOL 076 Principles of Biomanufacturing	3

Third Semester

BIOL 072A Biotech Instrumentation: Good Laboratory Practices and Safe Chemical Handling	1
BIOL 072B Biotech Instrumentation: Clean Room	1
BIOL 072C Biotech Instrumentation: PCR	1
BIOL 072D Biotech Instrumentation: Quality Control	1
BIOL 074 Scientific Communication	3

Fourth Semester

BIOL 077 Business and Regulatory Practices in Biomanufacturing	3
BIOL 079 Bioreactor Cell Culture and Protein Recovery	4

Additional courses to fulfill requirements in General Education and Electives required. Recommendations include English 1A(Composition and Reading), Humanities 30A (Ethics) and courses in Computer Information Systems.

Total Units 60

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Laney New Program

Certificate of Proficiency: Interactive Journalism

Digital news production skills for a mobile device oriented society: Newswriting, basic video production and editing, PhotoShop basics, digital photography, mass media & society, Flash basics, InDesign, website authoring, podcasting, iLife apps, newspaper production

Required Courses:

JOURN 62 Mass Media and Society	3
JOURN 21 Newswriting	3
MEDIA 104 Beginning Digital Video Production	3
GRART 136 Adobe Photoshop Basics	2.5
PHOTO 070 Introduction to Digital Photography	2

Select one from the following courses:

JOURN 18A Newspaper Production	2 - 3
JOURN 018B Newspaper Production	2 - 3
JOURN 018C Newspaper Production	2 - 3
JOURN 018D Newspaper Production	2 - 3
GRART 143 Web Graphics (Flash)	2.5
GRART 132 Digital Documents (Adobe InDesign)	2.5
MEDIA 115 Media-based Computing: iLife and Mac OS X	3
MEDIA 151 Making Podcasts – The New Wave of Broadcasting	2
PHOTO 31A Photojournalism II	3
JOURN 65 Social Media for Journalists	3

Total Units 15.5 - 16.5