



Curriculum & Instruction Recommendations 2006 - 2007

PERALTA COMMUNITY COLLEGE DISTRICT

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**CURRICULUM AND INSTRUCTION RECOMMENDATIONS
2006 - 2007**

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PROGRAM NARRATIVE SUMMARY

PROGRAM ADDITIONS

Berkeley City College

A Certificate of Achievement was added to the Biotechnology program. This certificate is designed as an introductory preparation for the Biotechnology degree program.

Laney College

The Computer Information Systems department developed four new degree/certificate programs in: Computer System/Software Security and Encryption, Game Development and Programming, Internet Development and Programming, and Computer Programming Information Specialist to meet industry and student demand.

A 17-unit Certificate of Achievement in Biomanufacturing was developed. This certificate program will give students the opportunity for education in the Biomanufacturing field and prepare the students for vocational jobs in the Biomanufacturing/ Pharmaceutical industry.

Merritt College

A major reconfiguration of all Environmental programs/disciplines at Merritt was completed this year. It resulted in reorganizing existing programs (EMART, ETECH, ENVST, ENVTE, PHYSC, SWMT) under one discipline (ENVMT) with a General Environmental Management and Technology degree/certificate program (new option) with five specializations in: Ecological Restoration and Watershed Management (formerly EMART), Green Building and Energy Management (formerly ETECH), Human Ecology, Policy Planning and Environmental Justice (formerly under ENVST), Ranger/Naturalist Outdoor Education (new option), and Urban Farming and Agro Ecology (new option). All the programs are interdisciplinary to some degree with cross-listed courses in other disciplines or requiring courses in other disciplines. Three programs in particular – Green Building/Energy Management, Ecological Restoration/ Watershed Management, and Urban Farming/Agro Ecology – draw on skills learned either in the construction and building trades (under A/ET, CARP, ECT, as well as permaculture under LANHT), or the Landscape restoration, design and management fields (all under LANHT). Thus, students are exposed to the interdisciplinary nature of this program and the benefits of environmental management to many fields.

The programs also require or recommend science-based courses in Biology, Chemistry, Geography, and Geology and students who plan to transfer to four-year institutions will be encouraged to take these courses, while most students will seek vocational employment after two years of training. A number of students attend these classes for skills upgrade in order to advance in a current job position. A few modularized courses are offered to accommodate these students in particular. Some courses are designed to attract potential students from agencies/organizations involved in environmental management or ecological restoration or involved in some aspect of environmental management training in the Bay Area region, such as the East Bay Conservation Corps, the Eco-Oakland Elementary School Program, the Norcal High School Student Environmental High School Program, the U.S. Environmental Protection Agency, various watershed groups, stopwaste.org, and the

American Institute of Architects, among others.

A Certificate of Achievement in Retail Clerk was developed and will provide work experience to students who are experiencing difficulty in obtaining employment, even at the entry level, because they have no prior work history and no college education. This is especially important for the CalWORKS students enrolling in the Business program at Merritt, many of whom would like the opportunity to get on-the job experience while enrolled in Business courses. The instructor is in the process of developing internships in retail businesses/establishments in the Oakland area. The certificate of achievement is offered only by Merritt, Laney will continue to offer the AA degree and certificate of completion in Retailing.

PROGRAM CHANGES

There were extensive changes to the degree and certificate programs at all four colleges. Many of the changes were to the curriculum patterns to reflect course additions, substantive course changes and course deactivations made during the past year. Below is a list of those programs changes:

| PROGRAM | TYPE | COLLEGE |
|---|-------|----------|
| Legal Secretarial Studies | CA | Alameda |
| Art | AA | Berkeley |
| Web Programming | AA/CC | Berkeley |
| Women's Studies | CA | Berkeley |
| Biotechnology | AS/CC | Berkeley |
| Web Programming | AS/CC | Berkeley |
| Multimedia Art | AA | Berkeley |
| Machine Technology | AA/CC | Laney |
| Environmental Control Technology | CA | Laney |
| Graphic Arts | AA/CC | Laney |
| Child Development | AA | Merritt |
| Basic Landscape Hort | CC | Merritt |
| Intermediate Landscape Design | CC | Merritt |
| Landscape Design Specialist | CC | Merritt |
| Intermediate Landscape/Parks | CC | Merritt |
| Landscape Parks Maint. Sp | CC | Merritt |
| Inter Nursery Management | CC | Merritt |
| Nursery Management Specialist | CC | Merritt |
| Turf Management/Specialist | CC | Merritt |
| Turf Management/Professional | CC | Merritt |
| African-American Studies | AA | Merritt |
| Business: Office Administrator | CA | Merritt |
| Economics | AA | Merritt |
| HealthCare Interpreter | CA | Merritt |
| Nursing | AS | Merritt |
| Nutrition and Dietetics | AA/CC | Merritt |
| Ecological Restoration and Watershed Management* | AS/CC | Merritt |
| Green Building and Energy Management* | AS/CC | Merritt |
| Human Ecology, Policy Planning, and Envmt. Justice* | AS/CC | Merritt |

*See Merritt College section from Program Addition for details.

PROGRAM DEACTIVATIONS

The colleges deactivated several degree/certificate programs this year.

| Program | Type | College | Reason |
|--|-------------|----------------|---|
| Retail Management | CC | Alameda | The required marketing courses have been deactivated due lack of student interest. |
| Bioscience with Emphasis in Biotechnology | CA | Laney | This certificate was replaced by new certificate in Biomanufacturing |
| Horticultural Therapy | AS/CC/CA | Merritt | Program and course have not been offered in several and there are no plans to offer them in the future. |
| CIS: Computer Networks and Communications Program | AS | | Programs have been inactive for several years. |
| CIS: Microcomputer Software Specialist Program | AS | | Programs have been inactive for several years. |
| CIS: Software Development Program | AS | | Programs have been inactive for several years. |
| EHMT: Environmental Hazardous Materials Technology Program | AS | | Programs have been inactive for several years. |
| EMART: Geographic Information Systems/Global Positioning Systems (GIS/ GPS) Certificate | CA | | Programs have been inactive for several years. |

SUMMARY OF CURRICULUM RECOMMENDATIONS 2006-2007

| | Alameda | Laney | Merritt | Vista |
|-----------------------------------|-----------|------------|------------|------------|
| Program Additions | | | | |
| Credit Programs | 0 | 5 | 3 | 0 |
| Certificates of Completion | 0 | 5 | 3 | 0 |
| Certificates of Achievement | 2 | 2 | 1 | 1 |
| TOTAL | 2 | 12 | 7 | 1 |
| Program Changes | | | | |
| Program Changes | 1 | 5 | 22 | 9 |
| TOTAL | 1 | 5 | 22 | 9 |
| Program Deactivations | | | | |
| TOTAL | 1 | 9 | 8 | 0 |
| Course Additions | | | | |
| Degree Credit Course | 19 | 57 | 83 | 54 |
| Non-Degree Course | 0 | 2 | 0 | 0 |
| Non-Credit Course | 0 | 0 | 0 | 0 |
| Apprenticeship | 0 | 0 | 0 | 0 |
| Fee-Based Course | 0 | 0 | 3 | 0 |
| TOTAL | 19 | 59 | 86 | 54 |
| Course Deactivations | | | | |
| Degree Credit Course | 10 | 31 | 74 | 9 |
| Non-Degree Course | 0 | 5 | 2 | 0 |
| Non-Credit Course | 0 | 0 | 0 | 0 |
| Fee-Based Course | 0 | 0 | 11 | 0 |
| TOTAL | 10 | 36 | 87 | 9 |
| Substantive Course Changes | 13 | 44 | 74 | 44 |
| GRAND TOTAL | 46 | 165 | 284 | 117 |

Note: Fall actions included in totals

Courses numbered 1-249 are degree credit courses.

Courses numbered 250-299 are non-degree credit courses.

Courses numbered 400-499 are non-degree credit (Aprpr) or degree credit (Coped).

Courses numbered 500-699 are non-credit courses.

Courses numbered 800-999 are fee-based courses.

Definitions

Program Addition: A new degree or certificate program. Requires state approval except certificates less than 18 units.

Program Change: Changes to programs including courses required for award. Requires state approval in certain circumstances.

Program Deactivation: Program will no longer be offered. Notification sent to state.

Course Additions: New course. Requires state approval in certain circumstances.

Course Deactivations: Course no longer offered by college.

Substantive Course Change: Any change to the following: department name and/or abbreviation, course number, course title, course content, pre/corequisite, hours for lecture and/or laboratory, and number of units. Does not require either Board or state approval.

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

Biotechnology – Level One Certificate of Achievement

**Biotechnology
Level One
Certificate of Achievement**

| Required Courses | Units |
|---|--------------|
| BIOL 230A Scientific Instrumentation I | 2 |
| BIOL 232 Readings in Science | 2 |
| CIS 200** Computer Concepts and Applications | 1.5 |
| COPED 484A Occupational Work Experience in Biotechnology | 2 |
| COUN 224 College Preparedness | 2 |
| ENGL 201B** Preparation for Composition and Reading | 3 |
| MATH 201** Elementary Algebra | <u>4</u> |
| Total minimum required units | 16.5 |

**You may substitute higher level courses in English, Math, and CIS.

Recommended Preparation for this certificate may include:

| | |
|--|----------|
| BUS 215A Keyboarding 1 | |
| ENGL 258 Writing Workshop (Basic Skills) | 1 |
| ENGL 269A-B Foundations in Reading and Writing | 6 |
| MATH 218 Math Workshop 1 | |
| or | |
| MATH 259 Math Workshop (Basic Skills) | 1 |
| MATH 250/251A-D Arithmetic/Self Paced Arithmetic | 3 |

Justification:

This certificate was originally developed in response to our partnership with Rubicon Industries. After working with their program participants for one school year, it was clear that a more basic introductory program was needed to prepare them for our existing Biotechnology program. In addition, the certificate and courses will be open to all BCC students, and we believe students who participate in it will be more successful in eventually completing the existing AS and Certificate of Completion.

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

College: Laney

Date Submitted for
CIPD Approval: 1/29/07

**PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

ADD:

JUSTIFICATION:

COMPUTER INFORMATION SYSTEMS

**Computer System/Software Security and Encryption
(Pending state approval) F07**

District-wide agreement establishes the programming language and transferable courses at CIS Laney, effective Fall 2007. This program reflects the new offering and the needs from students and industries.

Degree Major/Certificate Requirements:

| Dept/No. | Title | Units |
|----------|---|-------|
| | Core Curriculum requirements: | 23-27 |
| CIS 25 | Object Oriented Programming Using C++ | 4 |
| CIS 39A | UNIX/LINUX Operating Systems | 4 |
| CIS 96A | Introduction to System/Software Security and Encryption | 4 |
| CIS 96B | Projects in System/Software Security and Encryption | 4 |

Select two courses from the following:

| | | |
|---------|--|-----|
| CIS 36A | Java Programming Language I (4) | |
| CIS 64 | Internet Programming in JavaScript (2) | |
| CIS 95A | Introduction to Game Theory, Development and Programming (4) | |
| CIS 96C | Advanced Topics in System/Software Security and Encryption (4) | 6-8 |

Select two courses from the following:

| | | |
|---------|---|------------|
| CIS 3 | Computer-Related Mathematics and Applications (4) | |
| CIS 20 | Microcomputer Assembly Language (4) | |
| CIS 27 | Data Structures and Algorithms (4) | |
| CIS 36B | Java Programming Language II (2) | |
| CIS 65 | CGI Programming (2) | |
| CIS 66 | XML Documents and Applications (2) | |
| CIS 67A | Interface Design Using Visual Basic (2) | <u>4-8</u> |
| | Subtotal: | 26-32 |

Total Required Units: 49-59

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

College: Laney

Date Submitted for
CIPD Approval: 1/29/07

**PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

ADD:

JUSTIFICATION:

COMPUTER INFORMATION SYSTEMS

**Game Development and Programming
(Pending state approval) F07**

District-wide agreement establishes the programming language and transferable courses at CIS Laney, effective Fall 2007. This program reflects the new offering and the needs from students and industries.

Degree Major/Certificate Requirements:

| Dept/No. | Title | Units |
|--|--|--------------|
| | Core Curriculum requirements: | 23-27 |
| CIS 25 | Object Oriented Programming Using C++ | 4 |
| CIS 27 | Data Structures and Algorithms | 4 |
| CIS 36A | Java Programming Language I | 4 |
| CIS 95A | Introduction to Game Theory, Development and Programming | 4 |
| CIS 95B | Projects in Game Theory, Development and Programming | 4 |
| Select one course from the following: | | |
| CIS 36B | Java Programming Language II (4) | |
| CIS 64 | Internet Programming in JavaScript (2) | |
| CIS 95C | Advanced Topics in Game Development and Programming (4) | |
| CIS 96A | Introduction to System/Software Security and Encryption (4) | 2-4 |
| Select one course from the following: | | |
| CIS 20 | Microcomputer Assembly Language (4) | |
| CIS 39A | UNIX/LINUX Operating Systems (4) | |
| CIS 61C | Machine Structures (5) | |
| CIS 65 | CGI Programming (2) | |
| CIS 66 | XML Documents and Applications (2) | |
| CIS 67A | Interface Design Using Visual Basic (2) | <u>2-5</u> |
| | Subtotal: | 24-29 |
| | Total Required Units: | 47-56 |

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

College: Laney

Date Submitted for
CIPD Approval: 1/29/07

**PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

ADD:

JUSTIFICATION:

COMPUTER INFORMATION SYSTEMS

**Internet Development and Programming
(Pending state approval) F07**

District-wide agreement establishes the programming language and transferable courses at CIS Laney, effective Fall 2007. This program reflects the new offering and the needs from students and industries.

Degree Major/Certificate Requirements:

| Dept/No. | Title | Units |
|---|---|--------------|
| | Core Curriculum requirements: | 23-27 |
| CIS 25 | Object Oriented Programming Using C++ | 4 |
| CIS 36A | Java Programming Language I | 4 |
| CIS 64 | Internet Programming in JavaScript | 2 |
| CIS 65 | CGI Programming | 2 |
| CIS 66 | XML Documents and Applications | 2 |
| Select two courses from the following: | | |
| CIS 27 | Data Structures and Algorithms (4) | |
| CIS 39A | UNIX/LINUX Operating Systems (4) | |
| CIS 95A | Introduction to Game Theory, Development and Programming (4) | |
| CIS 96A | Introduction to System/Software Security and Encryption (4) | 8 |
| Select one course from the following: | | |
| CIS 20 | Microcomputer Assembly Language (4) | |
| CIS 61C | Machine Structures (5) | |
| CIS 67A | Interface Design Using Visual Basic (2) | |
| CIS 95B | Projects in Game Theory, Development and Programming (4) | |
| CIS 96B | Projects in System/Software Security and Encryption (4) | <u>2-5</u> |
| | Subtotal: | 24-27 |
| | Total Required Units: | 47-54 |

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

College: Laney

Date Submitted for
CIPD Approval: 4/9/07

**PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | JUSTIFICATION: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|-----------|-------|----------------------|--|--|---------|-------------------------------|---|----------|-------------------------------------|---|------------------------|--|--|---------|--------------------------------|---|----------|----------------------------------|---|----------------------|--|--|--------|--------------|----------|--|------------------------------|-----------|----------------------|--|--|---------|-------------------------------|---|----------|----------------------------------|---|----------|-------------------------------------|---|------------------------|--|--|--------|--------------|---|---------|--------------------------------|----------|--|------------------------------|-----------|--|
| <p>BIOMANUFACTURING F07</p> <p>Certificate of Achievement Requirements:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dept/No</th> <th style="text-align: left;">Title</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td colspan="3">FALL SEMESTER</td> </tr> <tr> <td>BIOL 75</td> <td>Fundamentals of Biotechnology</td> <td style="text-align: right;">2</td> </tr> <tr> <td>MATH 208</td> <td>Mathematics for Laboratory Sciences</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="3">SPRING SEMESTER</td> </tr> <tr> <td>BIOL 76</td> <td>Principles of Biomanufacturing</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CHEM 30A</td> <td>Introductory Inorganic Chemistry</td> <td style="text-align: right;">4</td> </tr> <tr> <td colspan="3">FALL SEMESTER</td> </tr> <tr> <td>BIOL 3</td> <td>Microbiology</td> <td style="text-align: right;"><u>5</u></td> </tr> <tr> <td></td> <td>Total Required Units:</td> <td style="text-align: right;">17</td> </tr> </tbody> </table> <p>OR</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td colspan="3">FALL SEMESTER</td> </tr> <tr> <td>BIOL 75</td> <td>Fundamentals of Biotechnology</td> <td style="text-align: right;">2</td> </tr> <tr> <td>CHEM 30A</td> <td>Introductory Inorganic Chemistry</td> <td style="text-align: right;">4</td> </tr> <tr> <td>MATH 208</td> <td>Mathematics for Laboratory Sciences</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="3">SPRING SEMESTER</td> </tr> <tr> <td>BIOL 3</td> <td>Microbiology</td> <td style="text-align: right;">5</td> </tr> <tr> <td>BIOL 76</td> <td>Principles of Biomanufacturing</td> <td style="text-align: right;"><u>3</u></td> </tr> <tr> <td></td> <td>Total Required Units:</td> <td style="text-align: right;">17</td> </tr> </tbody> </table> | Dept/No | Title | Units | FALL SEMESTER | | | BIOL 75 | Fundamentals of Biotechnology | 2 | MATH 208 | Mathematics for Laboratory Sciences | 3 | SPRING SEMESTER | | | BIOL 76 | Principles of Biomanufacturing | 3 | CHEM 30A | Introductory Inorganic Chemistry | 4 | FALL SEMESTER | | | BIOL 3 | Microbiology | <u>5</u> | | Total Required Units: | 17 | FALL SEMESTER | | | BIOL 75 | Fundamentals of Biotechnology | 2 | CHEM 30A | Introductory Inorganic Chemistry | 4 | MATH 208 | Mathematics for Laboratory Sciences | 3 | SPRING SEMESTER | | | BIOL 3 | Microbiology | 5 | BIOL 76 | Principles of Biomanufacturing | <u>3</u> | | Total Required Units: | 17 | <p>This program will give students the opportunity for education in the Biomanufacturing field and prepare the students for vocational jobs in the Biomanufacturing/ Pharmaceutical industry. There is strong interest in the pharmaceutical industry to hire people with certificates and vocational two-year degrees. This degree at Laney College will begin to answer that need.</p> |
| Dept/No | Title | Units | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FALL SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BIOL 75 | Fundamentals of Biotechnology | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 208 | Mathematics for Laboratory Sciences | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPRING SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BIOL 76 | Principles of Biomanufacturing | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 30A | Introductory Inorganic Chemistry | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FALL SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BIOL 3 | Microbiology | <u>5</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total Required Units: | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FALL SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BIOL 75 | Fundamentals of Biotechnology | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM 30A | Introductory Inorganic Chemistry | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 208 | Mathematics for Laboratory Sciences | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPRING SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BIOL 3 | Microbiology | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BIOL 76 | Principles of Biomanufacturing | <u>3</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total Required Units: | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

College: Laney

Date Submitted for
CIPD Approval: 4/9/07

**PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

ADD:

JUSTIFICATION:

COMPUTER INFORMATION SYSTEMS

Computer Programming Information Specialist F07
(Pending state approval) 0707.10

Districtwide agreement establishes the emphasis on programming languages and transferable courses at Laney, effective Fall 2007. This program reflects the new offering and the needs of students and industries.

Degree Major/Certificate Requirements:

Note: Districtwide agreement does not preclude other colleges from offering programming languages programs and courses.

| Dept/No. | Title | Units |
|----------|--|-------|
| | Core Curriculum requirements: | 23-27 |
| CIS 1 | Introduction to Computer Information Systems | 4 |
| CIS 25 | Object-Oriented Programming Using C++ | 4 |
| CIS 39A | UNIX/LINUX Operating Systems | 4 |
| CIS 64 | Internet Programming in JavaScript | 2 |

Select two courses from the following:

| | | |
|---------|--|--------------|
| CIS 3 | Computer-Related Mathematics and Applications (4) | |
| CIS 36A | Java Programming Language I (4) | |
| CIS 95A | Introduction to Game Theory, Development and Programming (4) | |
| CIS 96A | Introduction to System/Software Security and Encryption (4) | <u>8</u> |
| | Total Required Units: | 45-49 |

For Associated Degree General Education requirements, refer to page **75**.

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

College: Merritt

Date Submitted for
CIPD Approval: 4/9/07

**PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | JUSTIFICATION: | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------------------|---|--------|-------------------------|---|---------|------------------------------------|---|------------|---|----------|--|----------------------|----|---------|--------------------------|--|-----------|---|--|---|
| <p>RETAIL CLERK F07</p> <p>This certificate program prepares students for entry-level positions in retailing.</p> <p>Certificate of Achievement Requirements:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">BUS 5</td> <td style="width: 60%;">Human Relations in Business</td> <td style="width: 25%; text-align: right;">3</td> </tr> <tr> <td>BUS 72</td> <td>Principles of Retailing</td> <td style="text-align: right;">3</td> </tr> <tr> <td>COMM 20</td> <td>Interpersonal Communication Skills</td> <td style="text-align: right;">3</td> </tr> <tr> <td>COPED 456E</td> <td>Cooperative Work Experience in General Business</td> <td style="text-align: right;"><u>1</u></td> </tr> <tr> <td></td> <td>Total required units</td> <td style="text-align: right;">10</td> </tr> </table> <p>RECOMMENDED:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">BUS 202</td> <td style="width: 60%;">Business Mathematics (3)</td> <td></td> </tr> <tr> <td>ENGL 201A</td> <td>Preparation for Composition and Reading (3)</td> <td></td> </tr> </table> | BUS 5 | Human Relations in Business | 3 | BUS 72 | Principles of Retailing | 3 | COMM 20 | Interpersonal Communication Skills | 3 | COPED 456E | Cooperative Work Experience in General Business | <u>1</u> | | Total required units | 10 | BUS 202 | Business Mathematics (3) | | ENGL 201A | Preparation for Composition and Reading (3) | | <p>This certificate of achievement will provide work experience to students who are experiencing difficulty in obtaining employment, even at the entry level, because they have no prior work history and no college education. This is especially important for the CalWORKS students enrolling in the Business program at Merritt, many of whom would like the opportunity to get on-the job experience while enrolled in Business courses. The instructor is in the process of developing internships in retail businesses/establishments in the Oakland area. Note: The certificate of achievement is offered only by Merritt, and Laney has approved Merritt offering this certificate as well as the core course, Bus 72 (Laney will continue to offer the AA degree and certificate of completion in Retailing).</p> |
| BUS 5 | Human Relations in Business | 3 | | | | | | | | | | | | | | | | | | | | |
| BUS 72 | Principles of Retailing | 3 | | | | | | | | | | | | | | | | | | | | |
| COMM 20 | Interpersonal Communication Skills | 3 | | | | | | | | | | | | | | | | | | | | |
| COPED 456E | Cooperative Work Experience in General Business | <u>1</u> | | | | | | | | | | | | | | | | | | | | |
| | Total required units | 10 | | | | | | | | | | | | | | | | | | | | |
| BUS 202 | Business Mathematics (3) | | | | | | | | | | | | | | | | | | | | | |
| ENGL 201A | Preparation for Composition and Reading (3) | | | | | | | | | | | | | | | | | | | | | |

PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007

ADD:

| | | |
|---|---|--------------|
| ENVIRONMENTAL MANAGEMENT AND TECHNOLOGY (Pending state approval) | | F07 |
| (ENVMT) | | |
| Degree Major/Certificate Requirements: | | |
| Dept/No. | Title | Units |
| Required courses: | | |
| ENVMT 1 | Environmental Careers (1) | 1 |
| ENVMT 2 | Introduction to Sustainable Environmental Systems (3) or | |
| BIOL 13 | Principles of Ecology (3) | 3 |
| ENVMT 2L | Principles of Ecology and Sustainable Systems Lab (1) or | |
| BIOL 13L | Principles of Ecology and Sustainable Systems Lab (1) | 1 |
| GEOG 1 | Physical Geography (3) or | |
| GEOL | Any Geology course of 3 or more units | 3 |
| BIOL 15 | Environmental Biology (3) or | |
| BIOL 29 | Biology of the Living World (4) | 3-4 |
| Select a minimum of 2-5 units from the following: | | |
| ENVMT 10 | Urban Ecology (2) | |
| ENVMT 12 | Environmental Racism and Justice (3) or | |
| AFRAM 38 | Environmental Racism and Justice (3) | |
| ENVMT 13 | Introduction to Environmental Policy and Law (3) | |
| ENVMT 18 | Environmental Writing (2.5) | |
| ENVMT 19 | Civilization's Impact on the Environment: Psychology of Trashing the Earth (3) or | |
| PSYCH 19 | Civilization's Impact on the Environment: Psychology of Trashing the Earth (3) | 2-5 |
| Select a minimum of 3 units from the following: | | |
| ENVMT 11 | Sustainable Urban and Regional Planning (3) | |
| ENVMT 20 | Introduction to Green Building and Ecological Design (3) | |
| ENVMT 20L | Introduction to Green Building and Energy Options Lab (1) | |
| ENVMT 21 | Sustainable Energy Options (3) | |
| ENVMT 23 | Introduction to Solid Waste Management and Recycling (3) | |
| ENVMT 39A-B | Introduction to Global Positioning Systems (GPS) I and II (.5 each) or | |
| GEOG 39A-B | Introduction to Global Positioning Systems (GPS) I and II (.5 each) | |
| ENVMT 39C | Introduction to Geographic Information Systems (2) or | |
| GEOG 39C | Introduction to Geographic Information Systems (2) | 3 |
| Select a minimum of 3 units from the following: | | |
| ENVMT 30 | Ecological Restoration: Uplands (2) | |
| ENVMT 31 | Wetlands Restoration (3) | |
| ENVMT 32 | Watershed Assessment (.5-3) | |
| ENVMT 33AA | Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVMT 33AB | Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVMT 33AC | Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVMT 35 | Introduction to Urban Agro Ecology (3) | |
| ENVMT 36 | Introduction to Watershed Science (3) | 3 |
| Select a minimum of 3 units from the following: | | |
| ENVMT 40 | From Tree to Sea: A Bay Area Environmental Cross Section (1-3) | |
| ENVMT 41 | Wildlife and Watershed Restoration Gardening (1-2) | |
| ENVST/BIOL | Any Natural History course in the Biol/Envst 60, 70, 80 numbered series (.5-5) | <u>3</u> |
| Total Required Units: | | 22-26 |
| RECOMMENDED: | | |
| Chem 30A, Introductory Inorganic Chemistry (4) | | |
| Coped 456F, Occupational Work Experience in Environmental Management and Technology (1-4) | | |

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

ADD:

| Dept/No. | Title | Units |
|--|--|--------------|
| RANGER/NATURALIST OUTDOOR EDUCATION (Pending state approval) | | F07 |
| (ENVMT) | | |
| Degree Major/Certificate Requirements: | | |
| Required course: | | |
| ENVMT 1 | Environmental Careers (1) | 1 |
| ENVMT 2 | Introduction to Sustainable Environmental Systems (3) | |
| | or | |
| BIOL 13 | Principles of Ecology (3) | 3 |
| ENVMT 8 | Introduction to Ranger/Naturalist Outdoor Education (3) | 3 |
| Select a minimum of 6 units from the following: | | |
| ENVMT 12 | Environmental Racism and Justice (3) | |
| | or | |
| AFRAM 38 | Environmental Racism and Justice (3) | |
| ENVMT 25 | Introduction to Wildlife Conservation (3) | |
| | or | |
| BIOL 46 | Introduction to Wildlife Conservation (3) | |
| ENVMT 40 | From Tree to Sea: A Bay Area Environmental Cross Section (1-3) | |
| ENVMT 42 | Ecology, Culture and Stewardship of California Landscapes (1-3) | |
| ENVST/BIOL | Any Natural History course in the Envst/Biol 60, 70, 80 numbered series (.5-5) | |
| GEOG 1 | Physical Geography (3) | |
| | or | |
| GEOL 12 | Environmental Geology (3) | |
| | or | |
| GEOL 21 | Bay Area Field Studies (1-2) | |
| LANHT 51A-D | Natural Landscape Interpretation (.5 each) | |
| LANHT 53 | Alpines Lab (1) | 6 |
| Select a minimum of 4 units from the following: | | |
| ENVMT 30 | Ecological Restoration: Uplands (2) | |
| ENVMT 31 | Wetlands Restoration (3) | |
| ENVMT 32 | Watershed Assessment (.5-3) | |
| ENVST 33AA | Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVST 33AB | Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVST 33AC | Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVMT 41 | Wildlife and Watershed Restoration Gardening (1-2) | |
| ENVMT 50 | Special Projects in Ecological Planning, Implementation and Maintenance (.5-3) | 4 |
| Select three (3) courses for a minimum of 6 units from the following: | | |
| ADJUS 21 | Introduction to Administration of Justice (3) | |
| COMM 20 | Interpersonal Communication Skills (3) | |
| COPEL 476F | Occupational Work Experience in Environmental Management and Technology (1-4) | |
| EMT 210 | Emergency Medical Technician–Basic (5) | |
| ENVMT 9 | Early Childhood Environmental Education (3) | |
| | or | |
| CHDEV 99 | Early Childhood Environmental Education (3) | |
| ENVMT 10 | Urban Ecology (2) | |
| ENVMT 11 | Sustainable Urban and Regional Planning (3) | |
| ENVMT 16 | Introduction to Healthy Community Systems (3) | |
| | or | |
| HLTOC 16 | Introduction to Healthy Community Systems (3) | |
| ENVMT 18 | Environmental Writing (2.5) | |
| ENVMT 20 | Introduction to Green Building and Ecological Design (3) | |
| ENVMT 37 | Environmental Teaching for K-6 (.5-1) | |
| ENVMT 39A-B | Introduction to Global Positioning Systems (GPS) I and II (.5 each) | |
| | or | |
| GEOG 39A-B | Introduction to Global Positioning Systems (GPS) I and II (.5 each) | |
| ENVMT 39C | Introduction to Geographic Information Systems (GIS) (2) | |
| | or | |
| GEOG 39C | Introduction to Geographic Information Systems (GIS) (2) | |
| ENVMT 210A-B | Environmental Photography and Photo Monitoring I and II (1.5 each) | |
| | or | |
| ART 210A-B | Environmental Photography and Photo Monitoring I and II (1.5 each) | |
| RECSE 55 | Outdoor Recreation (3) | <u>6</u> |
| Total Required Units: | | 23 |
| RECOMMENDED: | | |
| Any Geology, Botany, or Geography course not already taken. | | |

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

ADD:

| | |
|---|------------------------------|
| URBAN FARMING AND AGRO ECOLOGY (Pending state approval) | F07 |
| (ENVMT) | |
| Degree Major/Certificate Requirements: | |
| Dept/No. Title | Units |
| Required courses: | |
| ENVMT 1 Environmental Careers (1) | 1 |
| ENVMT 2 Introduction to Sustainable Environmental Systems (3) | |
| or | |
| BIOL 13 Principles of Ecology (3) | 3 |
| ENVMT 10 Urban Ecology (2) | |
| or | |
| ENVMT 11 Sustainable Urban and Regional Planning (3) | 2-3 |
| ENVMT 30 Ecological Restoration: Uplands (2) | |
| or | |
| ENVMT 41 Wildlife and Watershed Restoration Gardening (1-2) | 1-2 |
| ENVMT 35 Introduction to Urban Agro Ecology (3) | 3 |
| LANHT 1 Introduction to Landscape Horticulture with Lab (Day) (3) | |
| or | |
| LANHT 1E Introduction to Landscape Horticulture (Evening) (3) | 3 |
| LANHT 23 Plant Terminology (2.5) | 2.5 |
| Select a minimum of 3 units from the following: | |
| LANHT 10 Insect Pests (3) | |
| LANHT 11 Plant Diseases and Their Control (3) | |
| LANHT 12 Weeds in the Urban Landscape (3) | 3 |
| Select a minimum of 3 units from the following: | |
| LANHT 16 Soil Management (3) | |
| LANHT 17 Irrigation with Lab (Day) (3) | |
| or | |
| LANHT 17E Irrigation (Evening) (3) | |
| LANHT 19 Plant Nutrition (3) | 3 |
| Select four (4) courses for a minimum of 6 units from the following: | |
| BUS 10 Introduction to Business (3) | |
| COPED 476F Occupational Work Experience in Environmental Management and Technology (1-4) | |
| CULIN 216 Introduction to Food Science and Nutrition (1) (Laney) | |
| ENVMT 18 Environmental Writing (2.5) | |
| ENVMT 31 Wetlands Restoration (3) | |
| ENVMT 32 Watershed Assessment (.5-3) | |
| ENVMT 33AA Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVMT 33AB Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVMT 33AC Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVMT 40 From Tree to Sea: A Bay Area Environmental Cross Section (1-3) | |
| ENVMT 210A-B Environmental Photography and Photo Monitoring I and II (1.5 each) | |
| or | |
| ART 210A-B Environmental Photography and Photo Monitoring I and II (1.5 each) | |
| ENVST/BIOL Any Natural History course in the Envst/Biol 60, 70, 80 numbered series (.5-5) | |
| LANHT 21 Horticultural Equipment Operation, Maintenance and Repair (2) | |
| LANHT 24 Plant Propagation (3) | |
| LANHT 25 Nursery Management (3) | |
| LANHT 28A-D Permaculture Design I, II, III, and IV (3 each) | |
| LANHT 45A-C Mushroom Cultivation I, II, and III (2 each) | |
| LANHT 203 Greenhouse Operations and Management (3) | |
| LANHT 220 The Edible Landscape (2) | |
| NUTR 10 Nutrition (4) | |
| or | |
| BIOL 28 Human Nutrition (3) (Laney) | |
| or | |
| BIOL 31 Nutrition (4) (Alameda) | |
| Total Required Units : | <u>6</u> 27.5-29.5 |

RECOMMENDED:

Lanht 48OR-OS-OT, Regenerative Design I, II, and III

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

College: Alameda

Date Submitted for
CIPD Approval: 2/5/07

**PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| CHANGE FROM: | CHANGE TO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------------|--------------|---------|---|---|---------|--|---|----------|-----------------------|--|-----------|--|--|----------|-----------------------|----------|------------------------------|--|----------|---|-----------------|--------------|--------------|---------|---|---|---------|--|---|---------|---|----------|------------------------------|--|----------|
| <p>Legal Secretarial Studies Certificate of Achievement</p> <p>Certificate of Achievement Requirements:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dept/No.</th> <th style="text-align: left;">Title</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td>BUS 216</td> <td>Legal Secretarial Studies (Family/ Corporate/Criminal/Real Estate)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BUS 217</td> <td>Legal Secretarial Studies (Probate/ Personal Injury/Intellectual Property/ Bankruptcy)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BUS 238A</td> <td>Word Processing I (3)</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">or</td> </tr> <tr> <td>CIS 238A</td> <td>Word Processing I (3)</td> <td style="text-align: right;"><u>3</u></td> </tr> <tr> <td colspan="2">Total Required Units:</td> <td style="text-align: right;">9</td> </tr> </tbody> </table> | Dept/No. | Title | Units | BUS 216 | Legal Secretarial Studies (Family/ Corporate/Criminal/Real Estate) | 3 | BUS 217 | Legal Secretarial Studies (Probate/ Personal Injury/Intellectual Property/ Bankruptcy) | 3 | BUS 238A | Word Processing I (3) | | or | | | CIS 238A | Word Processing I (3) | <u>3</u> | Total Required Units: | | 9 | <p>Legal Secretarial Studies Certificate of Achievement</p> <p>Certificate of Achievement Requirements:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dept/No.</th> <th style="text-align: left;">Title</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td>BUS 216</td> <td>Legal Secretarial Studies (Family/ Corporate/Criminal/Real Estate)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BUS 217</td> <td>Legal Secretarial Studies (Probate/ Personal Injury/Intellectual Property/ Bankruptcy)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BUS 226</td> <td>Word Processing for Legal Professionals</td> <td style="text-align: right;"><u>2</u></td> </tr> <tr> <td colspan="2">Total Required Units:</td> <td style="text-align: right;">8</td> </tr> </tbody> </table> | Dept/No. | Title | Units | BUS 216 | Legal Secretarial Studies (Family/ Corporate/Criminal/Real Estate) | 3 | BUS 217 | Legal Secretarial Studies (Probate/ Personal Injury/Intellectual Property/ Bankruptcy) | 3 | BUS 226 | Word Processing for Legal Professionals | <u>2</u> | Total Required Units: | | 8 |
| Dept/No. | Title | Units | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 216 | Legal Secretarial Studies (Family/ Corporate/Criminal/Real Estate) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 217 | Legal Secretarial Studies (Probate/ Personal Injury/Intellectual Property/ Bankruptcy) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 238A | Word Processing I (3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| or | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CIS 238A | Word Processing I (3) | <u>3</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Required Units: | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dept/No. | Title | Units | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 216 | Legal Secretarial Studies (Family/ Corporate/Criminal/Real Estate) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 217 | Legal Secretarial Studies (Probate/ Personal Injury/Intellectual Property/ Bankruptcy) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 226 | Word Processing for Legal Professionals | <u>2</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Required Units: | | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

JUSTIFICATION:

BUS 226, Word Processing for Legal Professionals, is replacing BUS 238A/CIS 238A, Word Processing I.

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 4/9/07

**PROGRAM CHANGES
SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

PROGRAM: CHANGE FROM: TO:

| Art Associate in Arts Degree* | | | Art Associate in Arts Degree* | | | F07 |
|--|---|--------------|--|---|--------------|------------|
| Required Courses: | | | Required Courses: | | | |
| Dept/No | Title | Units | Dept/No | Title | Units | |
| ART 1 | Introduction to Art History (3) | | ART 1 | Introduction to Art History (3) | | |
| | or | | | or | | |
| ART 4 | History of Modern Art (1800 to Present) (3) | | ART 4 | History of Modern Art (1800 to Present) (3) | | |
| | or | | | or | | |
| ART 13 | History of Women in Art (3) | | ART 13 | History of Women in Art (3) | | |
| | or | | | or | | |
| ART 14A | Themes, Trends, and Traditions in World Art (3) | 3 | ART 14 | Themes, Trends, and Traditions in World Art (3) | 3 | |
| ART 20 | Beginning Drawing and Composition | 2 | ART 18 | Critique and the Creative Process | 3 | |
| ART 21 | Continuing Drawing and Composition | 2 | ART 20 | Beginning Drawing and Composition (2-3) | 2 | |
| ART 25 | Beginning Figure Drawing and Composition | 2 | ART 21 | Continuing Drawing and Composition | 2 | |
| ART 26 | Continuing Figure Drawing and Composition | 2 | ART 25 | Beginning Figure Drawing and Composition | 2 | |
| ART 50 | Beginning Painting | 2 | ART 26 | Continuing Figure Drawing and Composition | 2 | |
| ART 51 | Continuing Painting | 2 | ART 50 | Beginning Painting (2-3) | 2 | |
| | **Art Electives | <u>6</u> | | **Art Electives | <u>6</u> | |
| | Total minimum required units | 21 | | Total minimum required units | 22 | |

Justification: This degree is being updated to better conform to the current course offerings and to provide additional training to students in critiquing their work and the work of others.

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 4/9/07

**PROGRAM CHANGES
SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

PROGRAM: CHANGE FROM:

TO:

**Women's Studies
Certificate of Achievement**

This certificate of achievement involves an interdisciplinary approach to Women's Studies. If you are interested in Women's Studies or intend to transfer to a four-year institution and major in Women's Studies, you can complete these courses to provide a foundation of knowledge in this area.

Required Courses:

| Dept/No | Title | Units |
|----------|-------------------------------------|----------|
| ENGL 32A | Contemporary Women Writers (3) | |
| | or | |
| ENGL 32B | Contemporary Women Writers (3) | 3 |
| HIST 21 | U.S. Women: A Social History | 3 |
| WS 1 | Introduction to Women's Studies (3) | |
| | or | |
| SOCSC 1 | Introduction to Women's Studies (3) | 3 |
| | Arts and Humanities Elective | 3 |
| | Social Sciences Elective | <u>3</u> |
| | Total minimum required units | 15 |

Arts and Humanities Elective (Choose One):

| | |
|----------|--------------------------------|
| ART 13 | History of Women in Art (3) |
| ENGL 32A | Contemporary Women Writers (3) |
| | or |
| ENGL 32B | Contemporary Women Writers (3) |

Social Sciences Elective (Choose One):

| | |
|----------|---------------------------------|
| PSYCH 30 | Psychology of Men and Women (3) |
| SOC 3 | Sociology of Women (3) |

**Women's Studies
Certificate of Achievement**

F07

This certificate of achievement involves an interdisciplinary approach to Women's Studies. The certificate provides a strong academic foundation in the field, whether you are interested for personal, political or professional reasons or intend to transfer to a four-year institution and minor or major in Women's Studies. See a counselor for additional information on transferring these courses to a four-year institution.

Required Courses:

| Dept/No | Title | Units |
|---|---|-----------------------------|
| WS 1 | Introduction to Women's Studies (3) | |
| | or | |
| SOCSC 1 | Introduction to Women's Studies (3) | 3 |
| WS 35 | Feminist Philosophy (3) | |
| | or | |
| PHIL 35 | Feminist Philosophy (3) | 3 |
| Electives (select three courses from the following): | | |
| ANTHR 15 | Male and Female: Anthropological Perspectives (3) | |
| ART 13 | History of Women in Art (3) | |
| ENGL 32A | Contemporary Women Writers (3) | |
| ENGL 32B | Contemporary Women Writers (3) | |
| HIST 21 | U.S. Women: A Social History (3) | |
| HIST 46D | Women and Globalization (1-3) | |
| HUMAN 52 | Women and Cinema (4) | |
| | or | |
| WS 52 | Women and Cinema (4) | |
| PSYCH 30 | Psychology of Men and Women (3) | |
| SOC 3 | Sociology of Women (3) | |
| SOC 13 | Sociology of the Family (3) | |
| | Total minimum required units | <u>9-10</u> 15-16 |

Justification: This certificate is being updated to better conform to the current course offerings and to better align with the programs at the four year schools to which our students transfer.

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM CHANGES
SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

PROGRAM CHANGE FROM: TO:

**Biotechnology
Associate in Science Degree**

| Required Courses: | Units |
|--|-------|
| BIOL 3 Microbiology | 5 |
| BIOL 10 Introduction to Biology | 4 |
| BIOL 32 Scientific Literature | 2 |
| BIOL 33 Applied Immunology | 6 |
| BIOL 34 Applied Molecular Genetics | 6 |
| BIOL 200 Biotechnology Seminar | .5 |
| BIOL 230 Introduction to Instrumentation | 2 |
| **CHEM 30A Introductory Inorganic Chemistry | 4 |
| **CHEM 30B Introductory Organic and Biochemistry | 4 |
| CIS 1 Introduction to Computer Information Systems | 4 |
| ENGL 1A Composition and Reading | 4 |
| ENGL 53 Technical Writing | 3 |
| HUMAN 30A Human Values – Ethics | 3 |
| ** MATH 1 Pre-Calculus | 4 |
| PHYS 10 Introduction to Physics | 4 |
| General Education Requirement | 6 |
| <i>(Required for Social & Behavioral Science & Ethnic Studies GE pattern completion)</i> | |
| Total minimum required units | 61.5 |

**You may substitute a higher-level mathematics course for Math 1. You may substitute Chem 1A and 1B for Chem 30A and 30B.

**Biotechnology
Associate in Science Degree**

| Required Courses: | Units |
|--|-------|
| BIOL 3 Microbiology | 5 |
| BIOL 10 Introduction to Biology | 4 |
| BIOL 32 Scientific Literature | 2 |
| BIOL 33 Applied Immunology | 6 |
| BIOL 34 Applied Molecular Genetics | 6 |
| BIOL 230B Introduction to Instrumentation II | 2 |
| CHEM 30A** Introductory Inorganic Chemistry | 4 |
| CHEM 30B** Introductory Organic and Biochemistry | 4 |
| CIS 1 Introduction to Computer Information Systems | 4 |
| ENGL 1A Composition and Reading | 4 |
| ENGL 53* Technical Writing | 3 |
| HUMAN 30A Human Values–Ethics | 3 |
| MATH 1** Pre-Calculus | 4 |
| PHYS 10** Introduction to Physics | 4 |
| General Education Requirement+ | 6 |
| Total minimum required units | 61 |

+Required for Social and Behavioral Science and Ethnic Studies GE pattern completion

**You may substitute higher level courses in biology, chemistry, mathematics and physics.

*You may substitute ENGL 5, ENGL 14, or BIOL 49.

Justification:

Changes in this AS pattern reflect the deactivation of BIOL 230 and the introduction of BIOL 230B.

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM CHANGES
SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

PROGRAM CHANGE FROM:

TO:

**Web Programming
Associate in Science
and Certificate of Completion Programs**

This program will prepare you for a career in programming for the Internet and the World Wide Web in job titles such as web programmer, programmer/analyst, software developer, and information technology professional. You should have a solid computer literacy background as evidenced by course work such as CIS 1, CIS 5, or CIS 200 and CIS 42A or the equivalents.

| Required Courses: | Units |
|---|--------------|
| Fundamental Courses | |
| CIS 6 Introduction to Computer Programming | 5 |
| CIS 36A Java Programming Language I | 4 |
| Scripting Languages | |
| CIS 85 JSP and Servlets | 4 |
| Professional Competence | |
| BUS 201 Business Communication | 3 |
| CIS 81 Systems Analysis with UML | 3 |
| CIS 83 Capstone Project | 3 |
| CIS 84 Database Programming for the Web | 4 |
| CIS 101/101L Survey of Program/Language for the Web & Lab | 3 |
| CIS 103 Survey of Program/Language for the Web–Continuation | 4 |
| CIS 105 Mechanics of Web Page Design | 1 |
| MMART 130/ 130L Survey of Digital Imaging & Lab | <u>3</u> |
| Total minimum required units | 37 |

**Web Programming
Associate in Science
and Certificate of Completion Programs**

This program will prepare you for a career in programming for the Internet and the World Wide Web in job titles such as web programmer, programmer/analyst, software developer, and information technology professional. You should have a solid computer literacy background as evidenced by course work such as CIS 1, CIS 5, or CIS 200 and CIS 42A or the equivalents.

| Required Courses: | Units |
|---|--------------|
| Fundamental Courses: | |
| CIS 6 Introduction to Computer Programming | 5 |
| CIS 36A Java Programming Language I | 4 |
| Scripting Languages: | |
| CIS 85 JSP and Servlets | 4 |
| Professional Competence: | |
| BUS 201 Business Communication | 3 |
| CIS 23 C # Programming | 4 |
| CIS 81 Systems Analysis with UML | 3 |
| CIS 83 Capstone Project | 3 |
| CIS 84 Database Programming for the Web | 4 |
| CIS 101 Survey of Program/Language for the Web | 2 |
| CIS 101L Survey of Program/Language for the Web Lab | 1 |
| CIS 103 Survey of Program/Language for the Web–Continuation | 4 |
| CIS 105 Mechanics of Web Page Design | 1 |
| MMART 130 Survey of Digital Imaging | 2 |
| MMART 130L Survey of Digital Imaging Lab | <u>1</u> |
| Total minimum required units | 41 |

Justification:

These programs are being updated to add a course in C # programming which will keep them current to the needs of the industry. The District CIS discipline committee has been advised of the change. Both the degree program and the course being added are in BCC's current catalog.

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM CHANGES
SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| PROGRAM CHANGE FROM: | TO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|------------------------------|---|------------------|--|---|------------------|--|---|------------|--|---|-----------------------|---|----------|------------------------------|--|-----|--|------------------|------------------------------|---|------------------|--|---|------------------|--|---|------------|--|---|----------------|--------------------------------|---|------------------------------|--|-----|
| <p>Multimedia Arts Degrees and Certificates</p> <p>A.A. Specializations</p> <p>Students must take the A.A. core and plus one complete set from the following specializations:</p> <p>Web Design and Production (15 units)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">MMART 160A/160LA</td> <td style="width: 65%;">Web I: Layout & Design & Lab</td> <td style="width: 20%; text-align: right;">3</td> </tr> <tr> <td>MMART 160B/160LB</td> <td>Web II: Advanced Design Projects & Lab</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MMART 160C/160LC</td> <td>Web III: Web Commerce Applications & Lab</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MMART 161A</td> <td>Information Architecture I: Interface Design</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MMART 162/162L</td> <td>Web Graphics & Animation & Lab</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total minimum required units</td> <td style="text-align: right;">46*</td> </tr> </table> | MMART 160A/160LA | Web I: Layout & Design & Lab | 3 | MMART 160B/160LB | Web II: Advanced Design Projects & Lab | 3 | MMART 160C/160LC | Web III: Web Commerce Applications & Lab | 3 | MMART 161A | Information Architecture I: Interface Design | 3 | MMART 162/162L | Web Graphics & Animation & Lab | 3 | Total minimum required units | | 46* | <p>Multimedia Arts Degrees and Certificates</p> <p>A.A. Specializations</p> <p>Students must take the A.A. core plus one complete set from the following specializations:</p> <p>Web Design and Production (15 units)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">MMART 160A/160LA</td> <td style="width: 65%;">Web I: Layout & Design & Lab</td> <td style="width: 20%; text-align: right;">3</td> </tr> <tr> <td>MMART 160B/160LB</td> <td>Web II: Advanced Design Projects & Lab</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MMART 160C/160LC</td> <td>Web III: Web Commerce Applications & Lab</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MMART 161A</td> <td>Information Architecture I: Interface Design</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MMART 162/162L</td> <td>Web Graphics & Animation & Lab</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total minimum required units</td> <td style="text-align: right;">46*</td> </tr> </table> | MMART 160A/160LA | Web I: Layout & Design & Lab | 3 | MMART 160B/160LB | Web II: Advanced Design Projects & Lab | 3 | MMART 160C/160LC | Web III: Web Commerce Applications & Lab | 3 | MMART 161A | Information Architecture I: Interface Design | 3 | MMART 162/162L | Web Graphics & Animation & Lab | 3 | Total minimum required units | | 46* |
| MMART 160A/160LA | Web I: Layout & Design & Lab | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MMART 160B/160LB | Web II: Advanced Design Projects & Lab | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MMART 160C/160LC | Web III: Web Commerce Applications & Lab | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MMART 161A | Information Architecture I: Interface Design | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MMART 162/162L | Web Graphics & Animation & Lab | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total minimum required units | | 46* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MMART 160A/160LA | Web I: Layout & Design & Lab | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MMART 160B/160LB | Web II: Advanced Design Projects & Lab | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MMART 160C/160LC | Web III: Web Commerce Applications & Lab | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MMART 161A | Information Architecture I: Interface Design | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Total minimum required units | | 46* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

See **1/30/06 CIPD**: Already approved as shown above.

Justification:

As part of the MMART program review and after consultation with the MMART advisory committee, several courses have been removed and replaced with other courses in our catalog. The changes are designed to put the program more in line with current practices in the industry. In accordance with the assurance from Laney's CIS instructor at an earlier CIPD that their CIS web design program is different from our MMART web design program, there should be no conflict. This is an existing degree and all changes involve existing courses.

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

College: Laney

Date Submitted for
CIPD Approval: 4/9/07

**PROGRAM CHANGES
SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| PROGRAM: CHANGE FROM: | TO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------|-------|-----------------------|--|--|----------|----------------------|---|-------------|--|----|-------------|--|----|-------------|--|----|-------------|--|----|-------------|--|----|-------------|--|----|------------------------|--|--|---------|---|---|----------|-----------------------|---|-------------|---|---|----------|--------------------------|---|-----------------------|--|--|----------|---|---|----------|------------------------|---|------------------------|--|--|----------|---|----------|------------------------------|--|-----------|--|----------|-------|-------|-----------------------|--|--|---------|---|---|----------|----------------------|---|-------------|--|----|-------------|--|----|-------------|--|----|-------------|--|----|-------------|--|----|-------------|--|----|------------------------|--|--|---------|---------------------------------------|---|----------|-----------------------|---|-------------|---|---|-----------------------|--|--|----------|---|---|----------|------------------------|---|------------------------|--|--|----------|---|---|----------|--------------------------|----------|------------------------------|--|-----------|
| <p>MACHINE TECHNOLOGY</p> <p>Degree Major/Certificate Requirements:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dept/No.</th> <th style="text-align: left;">Title</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td colspan="3">FIRST SEMESTER</td> </tr> <tr> <td>MACH 210</td> <td>Machine Technology I</td> <td style="text-align: right;">5</td> </tr> <tr> <td>MATH 220A*+</td> <td>Technical Math with Algebra– Part 1 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>MATH 220B*+</td> <td>Technical Math with Algebra– Part 2 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>MATH 220C*+</td> <td>Technical Math with Algebra– Part 3 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>MATH 220D*+</td> <td>Technical Math with Algebra– Part 4 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>MATH 220E*+</td> <td>Technical Math with Geometry – Part 1 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>MATH 220F*+</td> <td>Technical Math with Geometry – Part 2 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td colspan="3">SECOND SEMESTER</td> </tr> <tr> <td>MACH 75</td> <td>Geometric Dimensioning and Tolerancing</td> <td style="text-align: right;">2</td> </tr> <tr> <td>MACH 220</td> <td>Machine Technology II</td> <td style="text-align: right;">5</td> </tr> <tr> <td>MATH 220G*+</td> <td>Technical Math with Trigonometry (Lab)</td> <td style="text-align: right;">1</td> </tr> <tr> <td>WELD 201</td> <td>Welding for Other Majors</td> <td style="text-align: right;">1</td> </tr> <tr> <td colspan="3">THIRD SEMESTER</td> </tr> <tr> <td>MACH 30+</td> <td>Introduction to CNC Programming and CAD/CAM Technology</td> <td style="text-align: right;">4</td> </tr> <tr> <td>MACH 230</td> <td>Machine Technology III</td> <td style="text-align: right;">5</td> </tr> <tr> <td colspan="3">FOURTH SEMESTER</td> </tr> <tr> <td>MACH 31+</td> <td>Advanced CNC and CAD/CAM Programming</td> <td style="text-align: right;"><u>4</u></td> </tr> <tr> <td colspan="2">Total Required Units:</td> <td style="text-align: right;">30</td> </tr> </tbody> </table> <p>*A more advanced Mathematics course may be substituted. +Course may be applied to Associated Degree General Education requirement. For Associate Degree General Education requirements, refer to page 75.</p> <p>Recommended: E/ET 211A, 211B</p> | Dept/No. | Title | Units | FIRST SEMESTER | | | MACH 210 | Machine Technology I | 5 | MATH 220A*+ | Technical Math with Algebra– Part 1 (Lab) | .5 | MATH 220B*+ | Technical Math with Algebra– Part 2 (Lab) | .5 | MATH 220C*+ | Technical Math with Algebra– Part 3 (Lab) | .5 | MATH 220D*+ | Technical Math with Algebra– Part 4 (Lab) | .5 | MATH 220E*+ | Technical Math with Geometry – Part 1 (Lab) | .5 | MATH 220F*+ | Technical Math with Geometry – Part 2 (Lab) | .5 | SECOND SEMESTER | | | MACH 75 | Geometric Dimensioning and Tolerancing | 2 | MACH 220 | Machine Technology II | 5 | MATH 220G*+ | Technical Math with Trigonometry (Lab) | 1 | WELD 201 | Welding for Other Majors | 1 | THIRD SEMESTER | | | MACH 30+ | Introduction to CNC Programming and CAD/CAM Technology | 4 | MACH 230 | Machine Technology III | 5 | FOURTH SEMESTER | | | MACH 31+ | Advanced CNC and CAD/CAM Programming | <u>4</u> | Total Required Units: | | 30 | <p>MACHINE TECHNOLOGY</p> <p style="text-align: right;">F07</p> <p>Degree Major/Certificate Requirements:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dept/No.</th> <th style="text-align: left;">Title</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td colspan="3">FIRST SEMESTER</td> </tr> <tr> <td>MACH 75</td> <td>Geometric Dimensioning and Tolerancing</td> <td style="text-align: right;">2</td> </tr> <tr> <td>MACH 210</td> <td>Machine Technology I</td> <td style="text-align: right;">5</td> </tr> <tr> <td>MATH 220A*+</td> <td>Technical Math with Algebra– Part 1 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>MATH 220B*+</td> <td>Technical Math with Algebra– Part 2 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>MATH 220C*+</td> <td>Technical Math with Algebra– Part 3 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>MATH 220D*+</td> <td>Technical Math with Algebra– Part 4 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>MATH 220E*+</td> <td>Technical Math with Geometry – Part 1 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>MATH 220F*+</td> <td>Technical Math with Geometry – Part 2 (Lab)</td> <td style="text-align: right;">.5</td> </tr> <tr> <td colspan="3">SECOND SEMESTER</td> </tr> <tr> <td>MACH 20</td> <td>CAD Solid Modeling with SolidWorks</td> <td style="text-align: right;">4</td> </tr> <tr> <td>MACH 220</td> <td>Machine Technology II</td> <td style="text-align: right;">5</td> </tr> <tr> <td>MATH 220G*+</td> <td>Technical Math with Trigonometry (Lab)</td> <td style="text-align: right;">1</td> </tr> <tr> <td colspan="3">THIRD SEMESTER</td> </tr> <tr> <td>MACH 30+</td> <td>Introduction to CNC Programming and CAD/CAM Technology</td> <td style="text-align: right;">4</td> </tr> <tr> <td>MACH 230</td> <td>Machine Technology III</td> <td style="text-align: right;">5</td> </tr> <tr> <td colspan="3">FOURTH SEMESTER</td> </tr> <tr> <td>MACH 31+</td> <td>Advanced CNC and CAD/CAM Programming</td> <td style="text-align: right;">4</td> </tr> <tr> <td>WELD 201</td> <td>Welding for Other Majors</td> <td style="text-align: right;"><u>1</u></td> </tr> <tr> <td colspan="2">Total Required Units:</td> <td style="text-align: right;">34</td> </tr> </tbody> </table> <p>*A more advanced Mathematics course may be substituted. +Course may be applied to Associated Degree General Education requirement. For Associate Degree General Education requirements, refer to page 75.</p> <p>Recommended: E/ET 211A, 211B</p> | Dept/No. | Title | Units | FIRST SEMESTER | | | MACH 75 | Geometric Dimensioning and Tolerancing | 2 | MACH 210 | Machine Technology I | 5 | MATH 220A*+ | Technical Math with Algebra– Part 1 (Lab) | .5 | MATH 220B*+ | Technical Math with Algebra– Part 2 (Lab) | .5 | MATH 220C*+ | Technical Math with Algebra– Part 3 (Lab) | .5 | MATH 220D*+ | Technical Math with Algebra– Part 4 (Lab) | .5 | MATH 220E*+ | Technical Math with Geometry – Part 1 (Lab) | .5 | MATH 220F*+ | Technical Math with Geometry – Part 2 (Lab) | .5 | SECOND SEMESTER | | | MACH 20 | CAD Solid Modeling with SolidWorks | 4 | MACH 220 | Machine Technology II | 5 | MATH 220G*+ | Technical Math with Trigonometry (Lab) | 1 | THIRD SEMESTER | | | MACH 30+ | Introduction to CNC Programming and CAD/CAM Technology | 4 | MACH 230 | Machine Technology III | 5 | FOURTH SEMESTER | | | MACH 31+ | Advanced CNC and CAD/CAM Programming | 4 | WELD 201 | Welding for Other Majors | <u>1</u> | Total Required Units: | | 34 |
| Dept/No. | Title | Units | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIRST SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 210 | Machine Technology I | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220A*+ | Technical Math with Algebra– Part 1 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220B*+ | Technical Math with Algebra– Part 2 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220C*+ | Technical Math with Algebra– Part 3 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220D*+ | Technical Math with Algebra– Part 4 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220E*+ | Technical Math with Geometry – Part 1 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220F*+ | Technical Math with Geometry – Part 2 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECOND SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 75 | Geometric Dimensioning and Tolerancing | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 220 | Machine Technology II | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220G*+ | Technical Math with Trigonometry (Lab) | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELD 201 | Welding for Other Majors | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| THIRD SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 30+ | Introduction to CNC Programming and CAD/CAM Technology | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 230 | Machine Technology III | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOURTH SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 31+ | Advanced CNC and CAD/CAM Programming | <u>4</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Required Units: | | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dept/No. | Title | Units | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIRST SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 75 | Geometric Dimensioning and Tolerancing | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 210 | Machine Technology I | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220A*+ | Technical Math with Algebra– Part 1 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220B*+ | Technical Math with Algebra– Part 2 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220C*+ | Technical Math with Algebra– Part 3 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220D*+ | Technical Math with Algebra– Part 4 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220E*+ | Technical Math with Geometry – Part 1 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220F*+ | Technical Math with Geometry – Part 2 (Lab) | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECOND SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 20 | CAD Solid Modeling with SolidWorks | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 220 | Machine Technology II | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 220G*+ | Technical Math with Trigonometry (Lab) | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| THIRD SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 30+ | Introduction to CNC Programming and CAD/CAM Technology | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 230 | Machine Technology III | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOURTH SEMESTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACH 31+ | Advanced CNC and CAD/CAM Programming | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELD 201 | Welding for Other Majors | <u>1</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Required Units: | | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Justification:

Machine Technology 20, CAD Solid Modeling with SolidWorks, has been added to the certificate requirements on the recommendations of the Machine Technology Advisory Committee and to keep current with industry standards and technology (Effective Fall 2007).

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

College: Laney

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM CHANGES
SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| PROGRAM CHANGE FROM: | TO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------------------------|---|--------|-----------------------------------|---|--------|--|-----|--------|-------------------------------|---|--------|------------------------|---|--------|---|---|---------|---------------------------------|---|---------|-------------------------------|---|----------|-------------------------|----------|--|------------------------------|-------------|---|----------|-------------------------------------|---|--------|-----------------------------------|---|--------|-------------------------------|---|--------|------------------------|---|--------|---|---|---------|---------------------------------|-----|---------|-------------------------------|----------|--|------------------------------|-------------|
| <p>ENVIRONMENTAL CONTROL TECHNOLOGY</p> <p>Certificate of Achievement Requirements for Refrigeration Technology</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">E/ET 202</td> <td style="width: 65%;">Fundamentals of Electricity for ECT</td> <td style="width: 20%; text-align: right;">2</td> </tr> <tr> <td>ECT 11</td> <td>Mechanical and Electrical Devices</td> <td style="text-align: right;">2</td> </tr> <tr> <td>ECT 12</td> <td>Blueprint Reading and Interpretation for ECT</td> <td style="text-align: right;">1.5</td> </tr> <tr> <td>ECT 13</td> <td>Fundamentals of Refrigeration</td> <td style="text-align: right;">4</td> </tr> <tr> <td>ECT 14</td> <td>Advanced Refrigeration</td> <td style="text-align: right;">2</td> </tr> <tr> <td>ECT 15</td> <td>Refrigeration Equipment Troubleshooting</td> <td style="text-align: right;">2</td> </tr> <tr> <td>ECT 211</td> <td>Mechanical and Electrical Codes</td> <td style="text-align: right;">1</td> </tr> <tr> <td>ECT 214</td> <td>Technical Mathematics for ECT</td> <td style="text-align: right;">2</td> </tr> <tr> <td>WELD 215</td> <td>Welding for Technicians</td> <td style="text-align: right;"><u>1</u></td> </tr> <tr> <td></td> <td>Total Required Units:</td> <td style="text-align: right;">17.5</td> </tr> </table> | E/ET 202 | Fundamentals of Electricity for ECT | 2 | ECT 11 | Mechanical and Electrical Devices | 2 | ECT 12 | Blueprint Reading and Interpretation for ECT | 1.5 | ECT 13 | Fundamentals of Refrigeration | 4 | ECT 14 | Advanced Refrigeration | 2 | ECT 15 | Refrigeration Equipment Troubleshooting | 2 | ECT 211 | Mechanical and Electrical Codes | 1 | ECT 214 | Technical Mathematics for ECT | 2 | WELD 215 | Welding for Technicians | <u>1</u> | | Total Required Units: | 17.5 | <p>ENVIRONMENTAL CONTROL TECHNOLOGY F07</p> <p>Certificate of Achievement Requirements for Refrigeration Technology</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">E/ET 202</td> <td style="width: 65%;">Fundamentals of Electricity for ECT</td> <td style="width: 20%; text-align: right;">2</td> </tr> <tr> <td>ECT 11</td> <td>Mechanical and Electrical Devices</td> <td style="text-align: right;">2</td> </tr> <tr> <td>ECT 13</td> <td>Fundamentals of Refrigeration</td> <td style="text-align: right;">4</td> </tr> <tr> <td>ECT 14</td> <td>Advanced Refrigeration</td> <td style="text-align: right;">2</td> </tr> <tr> <td>ECT 15</td> <td>Refrigeration Equipment Troubleshooting</td> <td style="text-align: right;">2</td> </tr> <tr> <td>ECT 211</td> <td>Mechanical and Electrical Codes</td> <td style="text-align: right;">1.5</td> </tr> <tr> <td>ECT 214</td> <td>Technical Mathematics for ECT</td> <td style="text-align: right;"><u>3</u></td> </tr> <tr> <td></td> <td>Total Required Units:</td> <td style="text-align: right;">16.5</td> </tr> </table> | E/ET 202 | Fundamentals of Electricity for ECT | 2 | ECT 11 | Mechanical and Electrical Devices | 2 | ECT 13 | Fundamentals of Refrigeration | 4 | ECT 14 | Advanced Refrigeration | 2 | ECT 15 | Refrigeration Equipment Troubleshooting | 2 | ECT 211 | Mechanical and Electrical Codes | 1.5 | ECT 214 | Technical Mathematics for ECT | <u>3</u> | | Total Required Units: | 16.5 |
| E/ET 202 | Fundamentals of Electricity for ECT | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 11 | Mechanical and Electrical Devices | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 12 | Blueprint Reading and Interpretation for ECT | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 13 | Fundamentals of Refrigeration | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 14 | Advanced Refrigeration | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 15 | Refrigeration Equipment Troubleshooting | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 211 | Mechanical and Electrical Codes | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 214 | Technical Mathematics for ECT | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELD 215 | Welding for Technicians | <u>1</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total Required Units: | 17.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E/ET 202 | Fundamentals of Electricity for ECT | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 11 | Mechanical and Electrical Devices | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 13 | Fundamentals of Refrigeration | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 14 | Advanced Refrigeration | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 15 | Refrigeration Equipment Troubleshooting | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 211 | Mechanical and Electrical Codes | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECT 214 | Technical Mathematics for ECT | <u>3</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total Required Units: | 16.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Justification:

Adjustment made to accommodate course unit changes and accurately reflect industry needs.

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

College: Merritt

Date Submitted for
CIPD Approval: 2/5/07

**PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| CHANGE FROM: | CHANGE TO: |
|---|---|
| CHILD DEVELOPMENT AA DEGREE | CHILD DEVELOPMENT AA DEGREE |
| Degree Major Requirements: | Degree Major Requirements: |
| CHDEV 51 Child Growth and Development (formerly Facs 51) 3 | CHDEV 51 Child Growth and Development (formerly Facs 51) 3 |
| CHDEV 53 The Child, the Family and the Community 3 | CHDEV 53 The Child, the Family and the Community 3 |
| CHDEV 54A Preschool Education: Theory and Guidance 3 | CHDEV 54A Preschool Education: Theory and Guidance 3 |
| CHDEV 54B The Preschool Program 3 | CHDEV 54B The Preschool Program 3 |
| CHDEV 55A The Preschool Laboratory 5 | CHDEV 55A The Preschool Laboratory 5 |
| CHDEV 55B The Preschool Laboratory 5 | CHDEV 55B The Preschool Laboratory 5 |
| Plus at least four (4) courses for a minimum of 12 units selected from the following list: | Select at least four (4) courses for a minimum of 12 units from the following: |
| CHDEV 50 Introduction to Early Childhood Education (3) | CHDEV 50 Introduction to Early Childhood Education (3) |
| CHDEV 52 Observation of the Young Child (2) | CHDEV 52 Observation of the Young Child (2) |
| CHDEV 56A Infant/Toddler Development and Care (3) | CHDEV 56A Infant/Toddler Development and Care (3) |
| CHDEV 56B Curriculum and Environments for Infants and Toddlers (3) | CHDEV 56B Curriculum and Environments for Infants and Toddlers (3) |
| CHDEV 57A Child Growth and Development: Age Six through Adolescence (3) | CHDEV 57A Child Growth and Development: Age Six through Adolescence (3) |
| CHDEV 57B Curriculum and Programs for School-Age Children (3) | CHDEV 57B Curriculum and Programs for School-Age Children (3) |
| CHDEV 60 Literature for the Young Child (3) | CHDEV 58 Preschool Administration (3) |
| CHDEV 65 Preschool Science Curriculum: Principles and Practices (3) | CHDEV 60 Literature for the Young Child (3) |
| CHDEV 66 Music for Young Children (2) | CHDEV 65 Preschool Science Curriculum: Principles and Practices (3) |
| CHDEV 67 Parenting/Grandparenting (3) | CHDEV 66 Music for Young Children (2) |
| CHDEV 68 Play-Based Curriculum (3) | CHDEV 67 Parenting/Grandparenting (3) |
| CHDEV 70 Preschool Art Curriculum: Principles and Practices (2) | CHDEV 68 Play-Based Curriculum (3) |
| CHDEV 74 Health and Safety in the Preschool (3) | CHDEV 70 Preschool Art Curriculum: Principles and Practices (2) |
| CHDEV 76 Violence: Its Impact on Children & Families (3) | CHDEV 71 The Business of Early Childhood Education (3) |
| CHDEV 77 Introduction to Violence Counseling (3) | CHDEV 74 Health and Safety in the Preschool (3) |
| CHDEV 78 Field Experience in Violence Intervention (3) | CHDEV 75 Supervising Adults in Early Childhood Prog (3) |
| CHDEV 79 Anti-Bias Curriculum (3) | CHDEV 76 Violence: Its Impact on Children & Families (3) |
| CHDEV 83 Introduction to Early Intervention (3) | CHDEV 77 Introduction to Violence Counseling (3) |
| CHDEV 84 Young Children with Special Needs: Strategies for Intervention (3) | CHDEV 78 Field Experience in Violence Intervention (3) |
| CHDEV 85 Managing Challenging Behaviors in ECE Settings (3) | CHDEV 79 Anti-Bias Curriculum (3) |
| CHDEV 86 Career Education in Early Intervention (1) | CHDEV 80 Diversity Issues in Child Care (2) |
| CHDEV 87 Occupational Work Experience in Early Intervention (1-4) | CHDEV 83 Introduction to Early Intervention (3) |
| CHDEV 88 Impact of Drugs: Pregnancy through Preschool (3) | CHDEV 84 Young Children with Special Needs: Strategies for Intervention (3) |
| CHDEV 246 Emergent Topics: Best Practices for Working with Children (.5-2)* | CHDEV 85 Managing Challenging Behaviors in ECE Settings (3) |
| COSE 16A Communication: Theory and Practice (2-3) | CHDEV 86 Career Education in Early Intervention (1) |
| NUTR 10 Nutrition (formerly Facs 10) (4) | CHDEV 87 Occupational Work Experience in Early Intervention (1-4) |
| NUTR 50A-C Practical Nutrition for Children (formerly Chdev 69A-C) (1-1-1) 12 | CHDEV 88 Impact of Drugs: Pregnancy through Preschool (3) |
| Total required units: 34 | CHDEV 246 Emergent Topics: Best Practices for Working with Children (.5-2)* |
| | COSE 16A Communication: Theory and Practice (2-3) |
| | NUTR 10 Nutrition (formerly Facs 10) (4) |
| | NUTR 50A-C Practical Nutrition for Children (formerly Chdev 69A-C) (1-1-1) 12 |
| | Total required units: 34 |

*A maximum of 2 units combined from any Emergent Topics course can be applied toward the Child Development Assistant Teacher or Teacher certificates or the Child Development degree major.

*A maximum of 2 units combined from any Emergent Topics course can be applied toward the Child Development Assistant Teacher or Teacher certificates or the Child Development degree major.

JUSTIFICATION:

Four additional courses are being added to the list of courses required for the Child Development major.

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

College: Merritt

Date Submitted for
CIPD Approval: 4/9/07

**PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

CHANGE TO:

A. BASIC LANDSCAPE HORTICULTURE F07

Certificate Requirements:

| | | |
|----------|---|-----|
| LANHT 1 | Introduction to Landscape Horticulture with Lab (Day) (F, S) | |
| | or | |
| LANHT 1E | Introduction to Landscape Horticulture (Evening) (F, S) | 3 |
| LANHT 23 | Plant Terminology (F, S) | 2.5 |
| LANHT 26 | Pruning (F,S) | 0.5 |

Select one plant ID course from the following:

| | |
|---|---|
| LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or 7E or 40 or 40E | 3 |
|---|---|

Select one course from the following:

| | | |
|-----------|---|----------------|
| LANHT 8 | Turf Management with Lab (Day) (S) | |
| LANHT 8E | Turf Management (Evening) (SE) | |
| LANHT 13 | Arboriculture with Lab (Day) (F) (FO) | |
| LANHT 13E | Arboriculture (Evening) (FE) | 4 3 |

Select one course from the following:

| | | |
|----------|---|---|
| LANHT 10 | Insects Pests (S) | |
| LANHT 11 | Plant Diseases and Their Control (F) | |
| LANHT 12 | Weeds in the Urban Landscape (S) | 3 |

Select one course from the following:

| | | |
|----------|---------------------|---|
| LANHT 16 | Soil Management (F) | |
| LANHT 19 | Plant Nutrition (S) | 3 |

Level A total required units: ~~19~~ 18

B1. INTERMEDIATE LANDSCAPE DESIGN AND CONSTRUCTION

Certificate Requirements:

Level A Requirements:

| | | |
|----------|---|-----|
| LANHT 1 | Introduction to Landscape Horticulture with Lab (Day) (F, S) | |
| | or | |
| LANHT 1E | Introduction to Landscape Horticulture (Evening) (F, S) | 3 |
| LANHT 23 | Plant Terminology (F, S) | 2.5 |

Select one plant ID course from the following:*

| | |
|---|---|
| LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or 7E or 40 or 40E | 3 |
|---|---|

Level A required units: 8.5

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CHANGE TO:

Plus Level B1 Requirements:

| | | |
|-----------|---|----------------|
| LANHT 14 | Landscape Construction with Lab (Day) (FE) | |
| | or | |
| LANHT 14E | Landscape Construction (Evening) (FO) | 4 3 |
| LANHT 18A | Landscape Design (F) | 3 |
| LANHT 18B | Landscape Design (S) | 3 |
| LANHT 22A | Landscape Design Laboratory (F) (-5-1) | 1 |
| LANHT 22B | Landscape Design Laboratory (S) (-5-1) | 1 |
| LANHT 29 | Planting Design (F) | 4 |

Select one additional plant ID course from the following:*

| | |
|---|---|
| LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or 7E or 40 or 40E | 3 |
|---|---|

Select a minimum of three units from the following:*

| | | |
|---------------------|---|---|
| LANHT 8 | Turf Management with Lab (Day) (S) (4) (3) | |
| | or | |
| LANHT 8E | Turf Management (Evening) (SE) (4) (3) | |
| LANHT 13 | Arboriculture with Lab (Day) (FO) (4) (3) | |
| | or | |
| LANHT 13E | Arboriculture (Evening) (FE) (4) (3) | |
| LANHT 30 | Practical Applications of Landscape Design (F) (3) | |
| LANHT 31 | Site Operations for Landscape Designers and Builders (S) (4) (3) | |
| LANHT 32 | Designing with Native Plants (F) (3) | |
| LANHT 33A-B | Design Evaluation of Bay Area Landscapes (S) (3-3) | |
| LANHT 34A-C | Computer-Assisted Landscape Design (F) (2) (3) | |
| LANHT 35A-B | Advanced Landscape Design (S) (5) (4) | 3 |

| | |
|--|------------------|
| Level B1 additional required units: | 22 21 |
| Level B1 total required units: | 30.5 29.5 |

*Select course(s) not previously taken.

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CHANGE TO:

C1. LANDSCAPE DESIGN AND CONSTRUCTION SPECIALIST

Degree Major/Certificate Requirements:

Level A Requirements: 8.5

Plus Level B1 Additional Requirements: 22 21

Level B1 total required units: 30.5 29.5

Plus Level C1 Requirements:

LANHT 17 Irrigation with Lab (Day) ~~(S)~~(SO)
or

LANHT 17E Irrigation (Evening) (SE) ~~4~~ 3

Select one additional plant ID course from the following:*

LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B
or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or
7E or 40 or 40E 3

Select a minimum of 6 units from the following:*

LANHT 8 Turf Management with Lab
(Day) ~~(S)~~ (4) (3)

or
LANHT 8E Turf Management (Evening)
~~(SE)~~ (4) (3)

LANHT 13 Arboriculture with Lab (Day)
~~(FO)~~ (4) (3)

or
LANHT 13E Arboriculture (Evening)
~~(FE)~~ (4) (3)

~~LANHT 30 Practical Applications of
Landscape Design (F) (3)~~

LANHT 31 Site Operations for Landscape
Designers and Builders ~~(S)~~ (4) (3)

LANHT 32 Designing with Native
Plants ~~(F)~~ (3)

LANHT 33A-B Design Evaluation of Bay Area
Landscapes (S) (3-3)

LANHT 34A-C Computer-Assisted Landscape
Design (F) ~~(2)~~ (3)

LANHT 35A-B Advanced Landscape Design
(S) ~~(5)~~ (4) 6

Level C1 additional required units: 13 12

Level C1 total required units 43.5 41.5

*Select course(s) not previously taken.

Recommended:

LH 210A-C, Landscape Design Forum (2 each level)

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CHANGE TO:

B2. INTERMEDIATE LANDSCAPE AND PARKS MAINTENANCE

Certificate Requirements:

Level A Requirements:

| | | |
|----------|--|-----|
| LANHT 1 | Introduction to Landscape Horticulture with Lab (Day) (F, S) | |
| | or | |
| LANHT 1E | Introduction to Landscape Horticulture (Evening) (F, S) | 3 |
| LANHT 23 | Plant Terminology (F, S) | 2.5 |
| LANHT 26 | Pruning (F, S) | 0.5 |

Select one plant ID course from the following:*

| | |
|---|---|
| LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or 7E or 40 or 40E | 3 |
|---|---|

Select one course from the following:*

| | | |
|-----------|---|----------------|
| LANHT 8 | Turf Management with Lab (Day) (S) (4) (3) | |
| | or | |
| LANHT 8E | Turf Management (Evening) (SE) (4) (3) | |
| LANHT 13 | Arboriculture with Lab (Day) (FO) (4) (3) | |
| | or | |
| LANHT 13E | Arboriculture (Evening) (FE) (4) (3) | 4 3 |

Select one course from the following:*

| | | |
|----------|--------------------------------------|---|
| LANHT 10 | Insects Pests (S) | |
| LANHT 11 | Plant Diseases and Their Control (F) | |
| LANHT 12 | Weeds in the Urban Landscape (S) | 3 |

Level A required units: ~~16~~ 15

Plus Level B2 Requirements:

| | | |
|-----------|---------------------------------|---|
| LANHT 201 | Landscape Maintenance Practices | 3 |
|-----------|---------------------------------|---|

Select one additional plant ID course from the following:*

| | |
|---|---|
| LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or 7E or 40 or 40E | 3 |
|---|---|

Select one additional course from the following:*

| | | |
|-----------|---|--|
| LANHT 8 | Turf Management with Lab (Day) (S) (4) (3) | |
| | or | |
| LANHT 8E | Turf Management (Evening) (SE) (4) (3) | |
| LANHT 13 | Arboriculture with Lab (Day) (FO) (4) (3) | |
| | or | |
| LANHT 13E | Arboriculture (Evening) | |

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CHANGE TO:

| | | |
|--|---|-----------------------|
| | (FE) (4) (3) | 4 3 |
| Select one additional course from the following:* | | |
| LANHT 10 | Insects Pests (S) | |
| LANHT 11 | Plant Diseases and Their Control (F) | |
| LANHT 12 | Weeds in the Urban Landscape (S) | 3 |
| Select one additional course from the following:* | | |
| LANHT 16 | Soil Management (F) | |
| LANHT 19 | Plant Nutrition (S) | <u>3</u> |
| Level B2 additional required units: | | 16 15 |
| Level B2 total required units: | | 32 30 |

*Select course(s) not previously taken.

Recommended:

LANHT 206, Landscape Maintenance Business Practices (3)

C2. LANDSCAPE AND PARKS MAINTENANCE SPECIALIST

Degree Major/Certificate Requirements:

| | |
|---|--------------|
| Level A Requirements: | 16 15 |
| Plus Level B2 Additional Requirements: | 16 15 |
| Level B2 total required units: | 32 30 |

Plus Level C2 Requirements:

LANHT 21 Horticultural Equipment
Operation/Maintenance/Repair 2

Select one additional plant ID course from the following:*

LANHT 2 or 2E or 3 or 3E or 4 or 4E or **5A or 5B**
or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or
7E or 40 or 40E 3

Select one additional course from the following:*

LANHT 10 Insects **Pests** (S)
and
LANHT 11 Plant Diseases and Their
Control (F)
and
LANHT 12 Weeds in the Urban Landscape (S) 3

Select one additional course from the following:*

LANHT 16 Soil Management (F)
and
LANHT 19 Plant Nutrition (S) 3
Level C2 additional required units: 11
Level C2 total required units: 43 41

*Select course(s) not previously taken.

Recommended:

Lanht 206, Landscape Maintenance Business Practices (3)

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CHANGE TO:

B3. INTERMEDIATE NURSERY MANAGEMENT

Certificate Requirements:

Level A Requirements:

| | | |
|----------|--|-----|
| LANHT 1 | Introduction to Landscape Horticulture with Lab (Day) (F, S) | |
| | or | |
| LANHT 1E | Introduction to Landscape Horticulture (Evening) (F, S) | 3 |
| LANHT 23 | Plant Terminology (F, S) | 2.5 |
| LANHT 26 | Pruning (F,S) | 0.5 |

Select one plant ID course from the following:*

| | |
|---|---|
| LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or 7E or 40 or 40E | 3 |
|---|---|

Select one course from the following:*

| | | |
|----------|--------------------------------------|---|
| LANHT 10 | Insects Pests (S) | |
| LANHT 11 | Plant Diseases and Their Control (F) | |
| LANHT 12 | Weeds in the Urban Landscape (S) | 3 |

Select one course from the following:*

| | | |
|----------|---------------------|----------|
| LANHT 16 | Soil Management (F) | |
| LANHT 19 | Plant Nutrition (S) | <u>3</u> |

Level A required units: 15

Plus Level B3 Requirements:

| | | |
|----------|------------------------|---|
| LANHT 24 | Plant Propagation (S) | 3 |
| LANHT 25 | Nursery Management (F) | 3 |

Select one additional plant ID course from the following:*

| | |
|---|---|
| LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or 7E or 40 or 40E | 3 |
|---|---|

Select one additional course from the following:*

| | | |
|----------|--------------------------------------|---|
| LANHT 10 | Insects Pests (S) | |
| LANHT 11 | Plant Diseases and Their Control (F) | |
| LANHT 12 | Weeds in the Urban Landscape (S) | 3 |

Select one additional course from the following:*

| | | |
|----------|---------------------|----------|
| LANHT 16 | Soil Management (F) | |
| | and | |
| LANHT 19 | Plant Nutrition (S) | <u>3</u> |

Level B3 additional required units: 15

Level B3 total required units: 30

*Select course(s) not previously taken.

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CHANGE TO:

C3. NURSERY MANAGEMENT SPECIALIST

Degree Major/Certificate Requirements:

| | |
|--|----|
| Level A Requirements: | 15 |
| Plus Level B3 Additional Requirements: | 15 |
| Level B3 total required units: | 30 |

Plus Level C3 Requirements:

Select one additional plant ID course from the following:*

LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B
or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or
7E or 40 or 40E 3

Select one additional course from the following:*

| | | |
|--|---|-----------|
| LANHT 10 | Insects Pests (S) | |
| | and | |
| LANHT 11 | Plant Diseases and Their Control (F) | |
| | and | |
| LANHT 12 | Weeds in the Urban Landscape (S) | 3 |
| Plus: | Lanht Electives | <u>6</u> |
| Level C3 additional required units: | | 12 |
| Level C3 total required units: | | 42 |

*Select course(s) not previously taken.

Recommended:

Lanht 52A-C, Advanced Plant Propagation (~~SE~~) (2 each level)
Lanht 202A-D, Soil Management Lab (~~FE~~) (.5 each level)
Lanht 203, Greenhouse Operations and Management (~~F02, F04~~) (3)
Lanht 204, Floriculture and Crop Production (~~S04, S06~~) (2)
Lanht 48OU, Horticultural Hydroponics (3)

B4. TURF AND LANDSCAPE MANAGEMENT SPECIALIST

(Pending State Approval?)

Certificate of Completion

Level A Requirements:

| | | |
|----------|---|----------------|
| LANHT 1 | Introduction to Landscape Horticulture with Lab (Day) (F, S) | |
| | or | |
| LANHT 1E | Introduction to Landscape Horticulture (Evening) (F, S) | 3 |
| LANHT 23 | Plant Terminology (F, S) | 2.5 |
| LANHT 8 | Turf Management with Lab (Day) (S) (4) (3) | |
| | or | |
| LANHT 8E | Turf Management (Evening) (SE) (4) (3) | 4 3 |
| LANHT 11 | Plant Diseases and Their Control (F) | |

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CHANGE TO:

or
LANHT 12 Weeds in the Urban Landscape (S) 3
LANHT 16 Soil Management (F)

or
LANHT 19 Plant Nutrition (S) 3

Select one plant ID course from the following:

LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B
or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or
7E or 40 or 40E 3

Level A required units: 18.5 17.5

Level B4 Requirements:*

LANHT 11 Plant Diseases and Their
Control (F)

or
LANHT 12 Weeds in the Urban
Landscape (S) 3

LANHT 16 Soil Management (F)

or
LANHT 19 Plant Nutrition (S) 3

LANHT 17 Irrigation with Lab (Day) ~~(S)~~(SO)

or
LANHT 17E Irrigation (Evening) (SE) 4 3

Select one additional plant ID course from the following:*

LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B
or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or
7E or 40 or 40E 3

LANHT 43 Introduction to Recreational
and Sports Turf Management (S) 1

Level B4 additional required units: 14 13

Level B4 total required units: 32.5 30.5

*Select course(s) not previously taken.

C4. TURF AND LANDSCAPE MANAGEMENT PROFESSIONAL

Degree Major/Certificate Requirements:

Level A Requirements: 18.5 17.5

Plus Level B4 Additional Requirements: 14 13

Level B4 total required units: 32.5 30.5

Plus Level C4 Requirements:

LANHT 10 Insects ~~Pests~~ (S) 3

LANHT 21 Horticultural Equipment
Operation, Maintenance,
and Repair 2

LANHT 44 Recreational and Sports
Turf Management ~~(F)~~ 3

BUS 10 Introduction to Business 3

CIS 205 Computer Literacy (1)

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CHANGE TO:

| | | |
|-------------------------------------|---|----------------|
| | or | |
| CIS 200 | Computer Concepts and Applications (1.5) | 1-1.5 |
| Level C4 additional required units: | | <u>12-12.5</u> |
| Level C4 total required units: | 44.5 | 42.5-43 |

Recommended:

Biol 5, Plant Biology (4)
Bus 5, Human Relations in Business (3), OR
Bus 52, Psychology and Human Relations (3)
Span 30A-B, Beginning Conversational Spanish (3-3)

JUSTIFICATION: The curriculum patterns in Landscape Horticulture are being updated to reflect all the course changes that have occurred in the program over the last two years.

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| CHANGE FROM: | CHANGE TO: |
|---|---|
| <p>AFRICAN-AMERICAN STUDIES (AFRAM)</p> <p>The AA degree in African-American Studies will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements.</p> <p>Degree Major Requirements:</p> <p>Group 1. Family and Society: Select two courses from the following for a minimum of six units:</p> <p>Afram 5 The African-American Family in the United States (3)</p> <p>Afram 8 African-American Politics (3-4)</p> <p>Afram 10 Sociology of African-Americans (3)</p> <p>Afram 12 Psychology of African-Americans (3)</p> <p>Afram 14A Social Psychology: African-American Male/ Female Relationships (3)</p> <p>Afram 14B Social Psychology: African-American Male/ Female Relationships (3)</p> <p>Afram 16 Administration of Criminal Justice and Minority Communities (3)</p> <p>Afram 19 Racism in America (3-4) 6</p> <p>Group 2. History and Economics: Select two courses from the following for a minimum of six units:</p> <p>Afram 2 Minority Economic Survival (3)</p> <p>Afram 30 African-American History: Africa to 1865 (3)</p> <p>Afram 31 African-American History: 1865-1945 (3)</p> <p>Afram 32 African-American History: 1945 to Present (3-4) 6</p> <p>Group 3. The Diaspora: Select two courses from the following for a minimum of six units:</p> <p>Afram 25 Classical African Civilizations (3)</p> <p>Afram 27 Afro-Caribbean History, Politics, and Culture (3)</p> <p>Afram 34 Apartheid in South Africa (3) 6</p> <p>Group 4. Culture and Creativity: Select two course from the following for a minimum of six units:</p> <p>Afram 28 Survey of Third World through Films (3)</p> <p>Afram 33 The Roots of African-American Culture (3)</p> <p>Afram 41 African-American Writers (Fiction) (3)</p> <p>Afram 42 African-American Writers (Non-Fiction) (3)</p> <p>Afram 43 African-American Writers (Poetry) (3)</p> <p>Afram 45 Religion and the African-American Church in America (3) 6</p> <p style="text-align: right;">Total required units: <u>6</u> 24</p> | <p>AFRICAN-AMERICAN STUDIES (AFRAM)</p> <p>The AA degree in African-American Studies will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements.</p> <p>Degree Major Requirements:</p> <p>Group 1. Family and Society: Select two courses from the following for a minimum of 6 units:</p> <p>Afram 5 The African-American Family in the United States (3)</p> <p>Afram 8 African-American Politics (3-4)</p> <p>Afram 10 Sociology of African-Americans (3)</p> <p>Afram 12 Psychology of African-Americans (3)</p> <p>Afram 14A Social Psychology: African-American Male/ Female Relationships (3)</p> <p>Afram 14B Social Psychology: African-American Male/ Female Relationships (3)</p> <p>Afram 16 Administration of Criminal Justice and Minority Communities (3)</p> <p>Afram 19 Racism in the United States (3)</p> <p>Afram 38 Environmental Racism and Justice (3)</p> <p style="text-align: center;">or</p> <p>Envmt 12 Environmental Racism and Justice (3) 6</p> <p>Group 2. History and Economics: Select two courses from the following for a minimum of 6 units:</p> <p>Afram 2 Minority Economic Survival (3)</p> <p>Afram 30 African-American History: Africa to 1865 (3)</p> <p>Afram 31 African-American History: 1865-1945 (3)</p> <p>Afram 32 African-American History: 1945 to Present (3-4) 6</p> <p>Group 3. Africa and the Diaspora: Select two courses from the following for a minimum of 6 units:</p> <p>Afram 25 Classical African Civilizations (3)</p> <p>Afram 27 Afro-Caribbean History, Politics, and Culture (3)</p> <p>Afram 34 Apartheid in South Africa (3) 6</p> <p>Group 4. Culture and Creativity: Select two course from the following for a minimum of 6 units:</p> <p>Afram 28 Survey of Third World through Films (3)</p> <p>Afram 33 The Roots of African-American Culture (3)</p> <p>Afram 41 African-American Writers (Fiction) (3)</p> <p>Afram 42 African-American Writers (Non-Fiction) (3)</p> <p>Afram 43 African-American Writers (Poetry) (3)</p> <p>Afram 45 Religion and the African-American Church in America (3) 6</p> <p style="text-align: right;">Total Required Units: <u>6</u> 24</p> |

JUSTIFICATION for program change: Revision of program requirements for African-American Studies to add Afram 38/Envmt 12 to the list of courses in the Group 1 selection. The title and units were also changed for Afram 19. Note: An African-American Studies program is also offered by Laney.

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CHANGE FROM: **CHANGE TO:**

BUSINESS: OFFICE ADMINISTRATOR (BUS)

Certificate of Achievement Requirements:

| Dept/No. | Title | Units |
|------------|--|-----------|
| BUS 5 | Human Relations in Business | 3 |
| BUS 10 | Introduction to Business | 3 |
| BUS 50 | Principles of Management | 3 |
| BUS 51 | Elements of Supervision | 3 |
| BUS 221A-C | Office Procedures and Practices (1-1-1) | 3 |
| CIS 233 | Introduction to the Internet | <u>2</u> |
| | Total required units: | 17 |

BUSINESS: OFFICE ADMINISTRATOR (BUS)

Certificate of Achievement Requirements:

| Dept/No. | Title | Units |
|------------|--|-----------|
| BUS 5 | Human Relations in Business | 3 |
| BUS 20 | General Accounting | 3 |
| BUS 50 | Principles of Management | 3 |
| BUS 221A-C | Office Procedures and Practices (1 each module) | 3 |
| CIS 1 | Introduction to Computer Information Systems | 4 |
| COPED 456Q | Occ. Work Experience in Admin- istrative Office Systems and Applications (1-4) | <u>1</u> |
| | Total Required Units: | 17 |

JUSTIFICATION for program change:

The Office Administrator curriculum pattern is being revised to substitute more relevant courses necessary for student success and upgrade student performance objectives. Also, Bus 51 is being deactivated as it has not been offered during the last few years and any necessary content will be included in Bus 50.

Note: Program is offered only by Merritt.

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CHANGE FROM:

CHANGE TO:

ECONOMICS (ECON)

The major in Economics is designed to prepare students for transfer to four-year institutions; to enter the business world with knowledge of economic trends and conditions; or to provide training for such positions as market analyst, sales analyst, or stockbroker. The **AA degree in Economics** will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements.

Degree Major Requirements:

| Dept/No. | Title | Units |
|------------------------------|--|-----------|
| BUS 1A | Financial Accounting | 4 |
| BUS 10 | Introduction to Business | 3 |
| CIS 1 | Introduction to Computer Information Systems | 4 |
| ECON 1 | Principles of Economics (Macro-Economics) | 3 |
| ECON 2 | Principles of Economics (Micro-Economics) | 3 |
| ECON 10 | Economic History of the United States | 3 |
| GEOG 5 | Economic Geography | 3 |
| MATH 13 | Introduction to Statistics | <u>4</u> |
| Total required units: | | 27 |

Recommended:

Bus 2, Introduction to Business Law (3)
Bus 5, Human Relations in Business (3)

JUSTIFICATION for program change:

A substitution of Envmt 15 is being made for Econ 10 and Geog 5, as these two courses have not been offered in five or more years and are thus being deactivated.

Note: Program is offered only by Merritt.

ECONOMICS (ECON)

The major in Economics is designed to prepare students for transfer to four-year institutions; to enter the business world with knowledge of economic trends and conditions; or to provide training for such positions as market analyst, sales analyst, or stockbroker. The **AA degree in Economics** will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements.

Degree Major Requirements:

| Dept/No. | Title | Units |
|------------------------------|--|-----------|
| BUS 1A | Financial Accounting | 4 |
| BUS 10 | Introduction to Business | 3 |
| CIS 1 | Introduction to Computer Information Systems | 4 |
| ECON 1 | Principles of Economics (Macro-Economics) | 3 |
| ECON 2 | Principles of Economics (Micro-Economics) | 3 |
| ENVMT 15 | Environmental Economics | 3 |
| MATH 13 | Introduction to Statistics | <u>4</u> |
| Total Required Units: | | 24 |

Recommended:

Bus 2, Introduction to Business Law (3)
Bus 5, Human Relations in Business (3)

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| CHANGE FROM: | CHANGE TO: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----------|-------|-------|---|--|--|-----------|-----------------------------------|----|-------------------------|--|--|-----------|-------------------------------|---|------------------------|--|--|-----------|--------------------------------|---|-----------|---------------------------------|----|-----------|--|----------|------------------------------|--|-----------|
| <p>HEALTHCARE INTERPRETER (HLTOC)</p> <p>Certificate of Achievement Requirements:</p> <p>First semester (Summer Session): HLTOC 210 Survey of Healthcare Interpreting .5</p> <p>Second semester: HLTOC 211 Interpreting in Health Care I 6</p> <p>Third semester: HLTOC 212 Interpreting in Health Care II 6 HLTOC 213 Interpreting in Health Care III .5 HLTOC 214 Occupational Work Experience in Healthcare Interpreting (1-4) <u>2</u> Total required units: 15</p> | <p>HEALTHCARE INTERPRETER (HLTOC)</p> <p>Certificate of Achievement Requirements:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dept/No.</th> <th style="text-align: left;">Title</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td colspan="3">First semester (Summer Session):</td> </tr> <tr> <td>HLTOC 210</td> <td>Survey of Healthcare Interpreting</td> <td style="text-align: right;">.5</td> </tr> <tr> <td colspan="3">Second semester:</td> </tr> <tr> <td>HLTOC 211</td> <td>Interpreting in Health Care I</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="3">Third semester:</td> </tr> <tr> <td>HLTOC 212</td> <td>Interpreting in Health Care II</td> <td style="text-align: right;">6</td> </tr> <tr> <td>HLTOC 213</td> <td>Interpreting in Health Care III</td> <td style="text-align: right;">.5</td> </tr> <tr> <td>HLTOC 214</td> <td>Occupational Work Experience in Healthcare Interpreting (1-4)</td> <td style="text-align: right;"><u>2</u></td> </tr> <tr> <td colspan="2" style="text-align: right;">Total Required Units:</td> <td style="text-align: right;">12</td> </tr> </tbody> </table> | Dept/No. | Title | Units | First semester (Summer Session): | | | HLTOC 210 | Survey of Healthcare Interpreting | .5 | Second semester: | | | HLTOC 211 | Interpreting in Health Care I | 3 | Third semester: | | | HLTOC 212 | Interpreting in Health Care II | 6 | HLTOC 213 | Interpreting in Health Care III | .5 | HLTOC 214 | Occupational Work Experience in Healthcare Interpreting (1-4) | <u>2</u> | Total Required Units: | | 12 |
| Dept/No. | Title | Units | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First semester (Summer Session): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLTOC 210 | Survey of Healthcare Interpreting | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Second semester: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLTOC 211 | Interpreting in Health Care I | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Third semester: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLTOC 212 | Interpreting in Health Care II | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLTOC 213 | Interpreting in Health Care III | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLTOC 214 | Occupational Work Experience in Healthcare Interpreting (1-4) | <u>2</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Required Units: | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

JUSTIFICATION for program change:

Curriculum pattern updated to reflect change in unit value for Hltoc 211.

Note: Course and program are offered only by Merritt.

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| CHANGE FROM: | CHANGE TO: |
|---|---|
| <p>NURSING (NURS)</p> <p>Admission criteria change: New language added effective for F08 entering class.</p> | <p style="text-align: right;">F08</p> <p>Admission Criteria Effective for F08 Entering Class:</p> <p>The process by which students are admitted to the Associate Degree Nursing Program (ADN) will change for students applying for admission into the Fall 2008 Program. The Program will adopt the Chancellor's Advisory Model Prerequisites for Enrollment in Associate Degree Nursing Program admission criteria. Students must complete all Group A prerequisites prior to applying to the ADN Program for admission. While it is highly recommended that students complete both Group A and Group B courses prior to entry into the ADN Program, admission into the ADN Program will be based upon the Chancellor's Advisory Model Prerequisites for Enrollment in the Associate Degree Nursing Program (Group A courses).</p> <p>Admission will be determined by the following:</p> <ol style="list-style-type: none">(1) Overall college GPA: 2.5 or above.(2) Biology Core (anatomy, physiology, and microbiology) GPA: 2.5 or above; English 1A (Composition and Reading) GPA: 2.0. Additionally, biology core repetitions will be evaluated. Course repetitions will adversely affect your overall score. A withdrawal (W), D, or F is counted as a repetition. A formula approved by the State Chancellor's Office will compute your cut score. Those who score above 75% will be entered into the eligibility pool. Of those eligible to enroll into the Nursing Program, a lottery will be used for selection purposes. All students meeting the admission criteria will be eligible for admission by one of two random selections. <p>Applications will be accepted from October 1 through March 1 for Fall admission of the following academic school year. Students may apply for admission only once per year.</p> <p>In order to apply for admission into the ADN Program, students must complete the admission prerequisites (Group A courses). After completion of the Group A courses, students should make an appointment to see a Nursing Program counselor. At that time, the student's transcripts will be screened to determine whether the student is eligible for admission based upon the Chancellor's Advisory Model Prerequisites. Students who are approved by the Nursing Program counselor for admission eligibility between October 1 and November 30 will be in the first random selection group. Students who are approved by the Nursing Program counselor for admission eligibility between November 30 and March 1 will be in the second random selection group.</p> <p>Prior to admission, all students who have been randomly selected must also pass a diagnostic assessment test (Basic Math, English, Reading, and Science) in addition to meeting the requirements stated above. Students who fail to achieve a passing score will be required to complete additional Pre-nursing course work prior to admission and enrollment in the Nursing Program. Pre-Nursing course work and clearance of diagnostic assessment deficiencies must be completed to become eligible for admission to the program.</p> |

**PERALTA COMMUNITY COLLEGE DISTRICT
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**PROGRAM CHANGES
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CHANGE FROM:

CHANGE TO:

Group A: Prerequisite Requirements:

| | | |
|----------|------------------------------------|----------|
| BIOL 20A | Human Anatomy and Physiology (5) | |
| | and | |
| BIOL 20B | Human Anatomy and Physiology (5) | |
| | OR | |
| BIOL 2 | Human Anatomy (5) | |
| | and | |
| BIOL 4 | Human Physiology (5) | 10 |
| BIOL 3 | Microbiology | 5 |
| ENGL 1A | Composition and Reading | <u>4</u> |
| | Total required prerequisite units: | 19 |

Group B: General Education/Graduation Requirements:

Although Group B courses meet General Education (GE)/Graduation Requirements and can be completed prior to or after admission into the ADN Program, it is highly recommended that these courses be completed prior to admission into the program. Each Group B course must be completed with a grade of "C" or better (letter grade only) except for Ethnic Studies and Computer Literacy. **"C-" is not acceptable.**

| | | |
|----------|--|----------|
| MATH 201 | Elementary Algebra | 4 |
| ENGL 1B | Composition and Reading (4) | |
| | or | |
| ENGL 5 | Critical Thinking in Reading and Writing (3) | 3-4 |
| PSYCH 1A | Introduction to General Psychology | 3 |
| SOC 1 | Introduction to Sociology (3) | |
| | or | |
| ANTHR 3 | Introduction to Social and Cultural Anthropology (3) | 3 |
| COMM 20 | Interpersonal Communication Skills | 3 |
| Plus: | Computer Literacy requirement | 1 |
| And: | Ethnic Studies requirement | <u>3</u> |
| | Total required GE graduation units: | 20-21 |

The minimum GE-unit requirement for the Associate Degree is 19 units; some of these requirements can be met by the Group A prerequisite courses. Computer Literacy and Ethnic Studies are degree requirements that are not required by the BRN for licensure.

Group C: Degree Major Requirements (No change to requirements)

JUSTIFICATION for program change:

New language regarding admission criteria added to Nursing program narrative in 2007-09 catalog effective for F08 entering class. Students entering prior to F08 retain catalog rights under previous criteria.

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

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**PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

CHANGE FROM:

CHANGE TO:

NUTRITION AND DIETETICS (NUTR)

The Nutrition and Dietetics program serves those who wish to train for a career in the nutrition and dietetics field, those who wish to prepare for transfer to a four-year institution, and those who are currently employed in an agency providing nutrition/dietetics services and who seek training for career advancement or certification as Dietetic Technicians.

There are three majors in the Nutrition and Dietetics Department: **Dietary Assistant, Dietary Manager, and Dietetic Technology**. To qualify for the **Certificate of Achievement in Dietary Assistant**, students must satisfactorily complete the Certificate requirements specified for that major. To qualify for the **Certificate of Completion in Dietary Manager (Dietetic Service Supervisor)**, students must satisfactorily complete the Certificate requirements specified for that major. To qualify for the **AS degree in Dietetic Technology**, students must satisfactorily complete the Degree Major requirements. The Nutrition and Dietetics program is dedicated to fostering a learning environment which will provide the healthcare community with culturally-diverse dietetic practitioners who have excellent training, ethics and professionalism; support the lifelong academic and professional success of every student, regardless of race, national origin or economic status; and contribute to institutional success by achieving increased recruitment into the program, successful completion of training by the student, and the successful employment of the student.

NUTRITION AND DIETETICS (NUTR)

F07

The Nutrition and Dietetics program serves those who wish to train for a career in the nutrition and dietetics field, those who wish to prepare for transfer to a four-year institution, and those who are currently employed in an agency providing nutrition/dietetics services and who seek training for career advancement or certification as Dietetic Technicians.

There are three majors in the Nutrition and Dietetics Department: **Dietary Assistant, Dietary Manager, and Dietetic Technology**. To qualify for the **Certificate of Achievement in Dietary Assistant**, students must satisfactorily complete the Certificate requirements specified for that major. To qualify for the **Certificate of Completion in Dietary Manager (Dietetic Service Supervisor)**, students must satisfactorily complete the Certificate requirements specified for that major. To qualify for the **AS degree in Dietetic Technology**, students must satisfactorily complete the Degree Major requirements. The Nutrition and Dietetics program is dedicated to fostering a learning environment which will provide the healthcare community with culturally-diverse dietetic practitioners who have excellent training, ethics and professionalism; support the lifelong academic and professional success of every student, regardless of race, national origin or economic status; and contribute to institutional success by achieving increased recruitment into the program, successful completion of training by the student, and the successful employment of the student.

Eligibility/Admission Requirements for Dietary Manager and Dietetic Technician Field Placement/ Internship Programs:

1. A recent (within 6 months) physical examination certifying good physical health and negative TB screening, must be satisfactorily completed, at the student's own expense, and results submitted on the first day of class.
2. Active email account.
3. Prerequisite courses in Nutrition and Dietetics must be completed before applying for admission into the Dietary Manager or the Dietetic Technician Field Placement/ Internship programs.
 - Nutrition and Dietetics major courses must be completed with a grade of "C" or better.
 - Nutr 10, 12, 30, 31*, and 32* must be taken prior to applying to the field placement/internship program. This coursework must be current and have been taken within the last seven (7) years.*Nutr 31 or 32 (one course only) may be taken concurrently with Nutr 71A.

**PERALTA COMMUNITY COLLEGE DISTRICT
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CHANGE FROM:

CHANGE TO:

4. Upon enrollment to the college, students should obtain an Initial Evaluation Request Form from the college's Admissions and Records Office for courses completed at other colleges or universities. Go to the American Dietetic Association, www.eatright.org, for agencies who can evaluate Foreign transcripts.
5. Two sets of official transcripts from all colleges outside of the Peralta District must be on file: One set to the District Admission and Records Office, and one set to the Allied Health Department/Nutrition & Dietetics at Merritt College. Coursework taken at a Peralta College is available already; therefore, it is not necessary to send transcripts for coursework completed in the Peralta Community College District.

Highly Recommended:

CIS 1, Introduction to Computer Information Systems. Students entering the program are expected to demonstrate intermediate skills using Microsoft Word, e-mail, and navigating the Internet. Students who are not proficient are advised to complete CIS 1 at Merritt (or an equivalent course at another college).

JUSTIFICATION for program change:

New language regarding admission criteria added to Nutrition and Dietetics program narrative in 2007-09 catalog effective for F07 entering class. Students entering prior to F07 retain catalog rights under previous criteria.

**PERALTA COMMUNITY COLLEGE DISTRICT
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**PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

CHANGE FROM:

CHANGE TO:

ENVIRONMENTAL MANAGEMENT AND RESTORATION TECHNOLOGY (EMART)

This program is designed to prepare students for employment in the fields of environmental assessment, monitoring, management and restoration. Graduates will be employed by private enterprises (a wide variety of industries and consulting firms), environmental organizations, and public agencies (parks, forests, wildlands, urban and regional planning agencies, etc.). They will be hired to assess and monitor environmental quality, help prepare environmental impact reports, assist planners and managers and perform environmental restoration work in urban/suburban, rural, and wildland settings.

The **AS degree in Environmental Management and Restoration Technology** will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. A **Certificate** will be awarded upon satisfactory completion of the major course requirements. Two specialized **Certificates of Achievement** are also offered in **Ecological Restoration and Geographic Information Systems/Global Positioning Systems (GIS/GPS)**. Consult with the Natural Sciences Department Chairperson to discuss program options (Associate degree, certificate, transfer to a four-year institution) or see a counselor.

DEGREE MAJOR AND CERTIFICATE

Degree Major/Certificate Requirements:

| Dept/No. | Title | Units |
|-----------------|---|--------------|
| BIOL 15 | Environmental Biology | 3 |
| BIOL 29 | Biology of the Living World | 4 |
| CIS 205 | Computer Literacy | 1 |
| EMART 44 | Environmental Impact Reports | 3 |
| ENVST 11 | Introduction to Sustainable Environmental Systems (3) | |
| | or | |
| BIOL 13 | Principles of Ecology (3) | 3 |
| ENVST 12 | Urban Ecology | 2 |
| ENVST 15 | Environmental Law | 3 |
| ENVST 16 | Environmental Careers | 1 |
| ENVST 28 | Environmental Field Methods | 3-5 |
| FORST 10 | Forest and Wildland Resource Conservation | 3 |
| GEOG 1 | Physical Geography (3) | |
| | or | |
| GEOL | Any Geology course of 3 or more | |

**ECOLOGICAL RESTORATION AND WATERSHED MANAGEMENT (ENVMT) F07
(Pending state approval)**

This program is designed to prepare students for employment in the fields of environmental assessment, monitoring, management and restoration. Graduates will be employed by private enterprises (a wide variety of industries and consulting firms), environmental organizations, and public agencies (parks, forests, wildlands, urban and regional planning agencies, etc.). They will be hired to assess and monitor environmental quality, help prepare environmental impact reports, assist planners and managers and perform environmental restoration work in urban/suburban, rural, and wildland settings.

The **AS degree in Ecological Restoration and Watershed Management** will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. A **Certificate** will be awarded upon satisfactory completion of the major course requirements.

Degree Major/Certificate Requirements:

| Dept/No. | Title | Units |
|--|---|--------------|
| Required Courses: | | |
| ENVMT 1 | Environmental Careers (1) | 1 |
| ENVMT 2 | Introduction to Sustainable Environmental Systems (3) | |
| | or | |
| BIOL 13 | Principles of Ecology (3) | 3 |
| Select a minimum of 2-3 units from the following: | | |
| ENVMT 30 | Ecological Restoration: Uplands (2) | |
| ENVMT 41 | Wildlife and Watershed Restoration Gardening (1-2) | |
| ENVMT 50 | Special Projects in Ecological Planning, Implementation and Maintenance (.5-3)2-3 | |

Select a minimum of 7-10 units from the following. A minimum of 3 units must be selected from Group 1. The remaining units can be selected from either Group 1 or Group 2:

Group 1

| | |
|------------|--|
| ENVMT 31 | Wetlands Restoration (3) |
| ENVMT 32 | Watershed Assessment (.5-3) |
| ENVMT 33AA | Introduction to Creek and Watershed Restoration: General Aspects (1) |
| ENVMT 33AB | Introduction to Creek and Watershed Restoration: General Aspects (1) |

**PERALTA COMMUNITY COLLEGE DISTRICT
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CHANGE FROM: **CHANGE TO:**

units (3) 3
 And: Any Environmental Field Studies
 Course 2
Plus 4 units selected from the following list:
 ENVST 22 Restoration Landscaping (2)
 EMART 23A Restoration and Monitoring of
 Watercourses: General Aspects (2)
 EMART 23B Restoration and Monitoring of
 Watercourses: Hydrology and Erosion
 Control (2)
 EMART 23C Restoration and Monitoring of
 Watercourses: Water Chemistry (2) 4
Total Required Units: 35-37

Recommended:

Chem 30A, Introductory Inorganic Chemistry (4)
 Posci 1, Government and Politics in the United States (3)

ECOLOGICAL RESTORATION

This program emphasizes "how to do" ecological restoration work. For greatest employability, this certificate can be completed along with any certificate from the Landscape Horticulture program.

Certificate of Achievement Requirements:

| Dept/No. | Title | Units |
|------------|--|-------|
| ENVST 11 | Introduction to Sustainable Environmental Systems (3) | |
| | or | |
| BIOL 13 | Principles of Ecology (3) | 3 |
| ENVST 22 | Restoration Landscaping | 2 |
| ENVST 25 | Wetlands Restoration | 3 |
| COPED 476F | Occupational Work Experience in Environmental Management/ Restoration Technology (1-4) | 1 |

Select one course from the following list:

| | | |
|---------|--------------------------------------|-----|
| GEOG 1 | Physical Geography (3) | |
| GEOL 1 | Introduction to Physical Geology (4) | |
| GEOL 12 | Environmental Geology (3) | 3-4 |

Select one course from the following list:

| | | |
|-----------|---|---|
| EMART 23A | Restoration and Monitoring of Watercourses: General Aspects (2) | |
| EMART 23B | Restoration and Monitoring of Watercourses: Hydrology and Erosion Control (2) | |
| EMART 23C | Restoration and Monitoring of Watercourses: Water Chemistry (2) | 2 |

Plus one field studies course from the following list:

| | | |
|----------|---|--|
| BIOL 101 | Mono Lake and Yosemite Natural History (.5-2.5) | |
|----------|---|--|

ENVMT 33AC Introduction to Creek and Watershed Restoration: General Aspects (1)
 ENVMT 33B Introduction to Creek and Watershed Restoration: Hydrology and Erosion Control (2)
 ENVMT 33C Introduction to Creek and Watershed Restoration: Water Chemistry (2)
 ENVMT 36 Introduction to Watershed Science (3)

(cont)

Group 2

BIOL 10 Introduction to Biology (4)
 CHEM 30A Introductory Inorganic Chemistry (4)
 ENVMT 25 Introduction to Wildlife Conservation (3)
 or
 BIOL 46 Introduction to Wildlife Conservation (3)
 GEOG 1 Physical Geography (3)
 GEOL 1 Introduction to Physical Geology (4)
 GEOL 12 Environmental Geology (3) 7-10

Select a minimum of 5-7 units from the following. A minimum of 3 units must be selected from Group 3. The remaining units can be selected from either Group 3 or Group 4:

Group 3

ENVMT 18 Environmental Writing (2.5)
 ENVMT 39A-B Introduction to Global Positioning Systems (GPS) I and II (.5 each)
 or
 GEOG 39A-B Introduction to Global Positioning Systems (GPS) I and II (.5 each)
 ENVMT39C Introduction to Geographic Information Systems (GIS) (2)
 or
 GEOG 39C Introduction to Geographic Information Systems (GIS) (2)
 ENVMT 40 From Tree to Sea: A Bay Area Environmental Cross Section (1-3)
 ENVMT 42 Ecology, Culture, and Stewardship of California Landscapes (1-3)
 ENVMT 210A-B Environmental Photography and Photo Monitoring I and II (1.5 each)
 or
 ART 210A-B Environmental Photography and Photo Monitoring I and II (1.5 each)
 LANHT 51A-D Natural Landscape Interpretation (.5 each)

Group 4

**PERALTA COMMUNITY COLLEGE DISTRICT
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**PROGRAM CHANGES
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CHANGE FROM: **CHANGE TO:**

BIOL 102 Death Valley Natural History (.5-2)
 BIOL 103 Yosemite Winter Ecology (.5-2)
 BIOL 104 Grand Canyon Natural History (.5-3)
 BIOL 105 Pinnacles Natural History (.5-1.5)
 BIOL 106 Point Reyes Natural History (.5-1.5)
 BIOL 107 Natural History of Lassen Volcanic
 National Park (.5-1.5)
 BIOL 108 Natural History of Sequoia and Kings
 Canyon National Parks (.5-2.5)
 ENVST 28 Environmental Field Methods (3-5)
 GEOL 21 Bay Area Field Studies (1-2) 2
Total Required Units: 16-17

Recommended:
 ENVST 13A, Introduction to Geographic Information
 Systems/Global Positioning Systems (.5-3)
 ENVST 13B, Advanced Topics in Geographic Information
 Systems/ Global Positioning Systems (3)

COPED 476F Occupational Work Experience in
 Environmental Management and
 Technology (1-4)
 ENVMT 11 Sustainable Urban and Regional
 Planning (3)
 ENVMT 34 From Dams to Greywater: California
 Water Systems and Alternatives (2)
 ENVMT 37 Watershed Teaching for K-6 (.5-1)
 LANHT 5 Any Plant Materials 5 Series: Fall/
 Spring Native Plant ID and Culture
 course (Lanht 5A or 5B or 5EA or
 5EB) (3 each)
 LANHT 16 Soil Management (3)
 LANHT 38 Native Plant Habitats (2) 5-7
Total Required Units: 18-24

**ECOLOGICAL RESTORATION AND WATERSHED
MANAGEMENT (ENVMT) F07**

Certificate of Achievement:

| Dept/No. | Title | Units |
|--|--|-------|
| Select a minimum of 2-3 units from the following: | | |
| ENVMT 30 | Ecological Restoration: Uplands (2) | |
| ENVMT 41 | Wildlife and Watershed Restoration Gardening (1-2) | |
| ENVMT 50 | Special Projects in Ecological Planning, Implementation and Maintenance (.5-3)2-3 | |

**Select a minimum of 7-8 units from the following. A
 minimum
 of 3 units must be selected from Group 1. The
 remaining units can be selected from either Group 1 or
 Group 2:**

Group 1

| | |
|------------|--|
| ENVMT 31 | Wetlands Restoration (3) |
| ENVMT 32 | Watershed Assessment (.5-3) |
| ENVMT 33AA | Introduction to Creek and Watershed Restoration: General Aspects (1) |
| ENVMT 33AB | Introduction to Creek and Watershed Restoration: General Aspects (1) |
| ENVMT 33AC | Introduction to Creek and Watershed Restoration: General Aspects (1) |
| ENVMT 33B | Introduction to Creek and Watershed Restoration: Hydrology and Erosion Control (2) |
| ENVMT 33C | Introduction to Creek and Watershed Restoration: Water Chemistry (2) |
| ENVMT 36 | Introduction to Watershed Science (3) |

**PERALTA COMMUNITY COLLEGE DISTRICT
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CHANGE FROM: _____ **CHANGE TO:** _____

Group 2

| | | |
|----------|---|-----|
| BIOL 10 | Introduction to Biology (4) | |
| CHEM 30A | Introductory Inorganic Chemistry (4) | |
| ENVMT 25 | Introduction to Wildlife Conservation (3) | |
| | or | |
| BIOL 46 | Introduction to Wildlife Conservation (3) | |
| GEOG 1 | Physical Geography (3) | |
| GEOL 1 | Introduction to Physical Geology (4) | |
| GEOL 12 | Environmental Geology (3) | 7-8 |

Select a minimum of 5-6 units from the following. A minimum of 3 units must be selected from Group 3. The remaining units can be selected from either Group 3 or Group 4:

Group 3

| | | |
|--------------|---|--|
| ENVMT 18 | Environmental Writing (2.5) | |
| ENVMT 39A-B | Introduction to Global Positioning Systems (GPS) I and II (.5 each) | |
| | or | |
| GEOG 39A-B | Introduction to Global Positioning Systems (GPS) I and II (.5 each) | |
| ENVMT39C | Introduction to Geographic Information Systems (GIS) (2) | |
| | or | |
| GEOG 39C | Introduction to Geographic Information Systems (GIS) (2) | |
| ENVMT 40 | From Tree to Sea: A Bay Area Environmental Cross Section (1-3) | |
| ENVMT 42 | Ecology, Culture, and Stewardship of California Landscapes (1-3) | |
| ENVMT 210A-B | Environmental Photography and Photo Monitoring I and II (1.5 each) | |
| | or | |
| ART 210A-B | Environmental Photography and Photo Monitoring I and II (1.5 each) | |
| LANHT 51A-D | Natural Landscape Interpretation (.5 each) | |

Group 4

| | | |
|------------|--|--|
| COPED 476F | Occupational Work Experience in Environmental Management and Technology (1-4) | |
| ENVMT 11 | Sustainable Urban and Regional Planning (3) | |
| ENVMT 34 | From Dams to Greywater: California Water Systems and Alternatives (2) | |
| ENVMT 37 | Watershed Teaching for K-6 (.5-1) | |
| LANHT 5 | Any Plant Materials 5 Series: Fall/Spring Native Plant ID and Culture course (Lanht 5A or 5B or 5EA or 5EB) (3 each) | |

PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007

CHANGE FROM:

CHANGE TO:

LANHT 16 Soil Management (3)
LANHT 38 Native Plant Habitats (2)
Total Required Units: 14-17

5-6

**PERALTA COMMUNITY COLLEGE DISTRICT
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College: Merritt

Date Submitted for
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**PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

CHANGE FROM:

CHANGE TO:

ENVIRONMENTAL DESIGN AND ENERGY TECHNOLOGY (ETECH)

This two-year program emphasizes energy efficiency and ecological sustainability in the built environment. It is designed to prepare students for employment in the field of energy management, in building design and construction, or for transfer to a four-year institution. Opportunity is provided to link this major cooperatively with Laney College's Architectural Technology major.

The **AS degree in Environmental Design and Energy Technology** will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. A **Certificate** will be awarded upon satisfactory completion of the major course requirements.

Degree Major/Certificate Requirements:

| Dept/No. | Title | Units |
|------------|--|-----------|
| CIS 205 | Computer Literacy | 1 |
| ENVST 11 | Introduction to Sustainable Environmental Systems (3) or | |
| BIOL 13 | Principles of Ecology (3) | 3 |
| ENVST 12 | Urban Ecology | 2 |
| ENVST 15 | Environmental Law | 3 |
| ENVST 16 | Environmental Careers | 1 |
| ETECH 11 | Energy Options | 3 |
| ETECH 16 | Energy Auditing | 2 |
| ETECH 17 | Introduction to Green Building and Ecological Design | 3 |
| GEOG 1 | Physical Geography (3) or | |
| GEOL | Any Geology course of 3 or more units (3) | 3 |
| MATH 203 | Intermediate Algebra | 4 |
| PHYS 35A-D | Energy-Efficient Design and Construction | 2 |
| And: | Any Environmental Field Studies Course | <u>2</u> |
| | Total Required Units: | 29 |

Recommended:

Chem 30A, Introductory Inorganic Chemistry (4)
Posci 1, Government and Politics in the United States (3)

GREEN BUILDING AND ENERGY MANAGEMENT (ENVMT) (Pending state approval) F07

This two-year program emphasizes energy efficiency and ecological sustainability in the built environment. It is designed to prepare students for employment in the field of energy management, in building design and construction, or for transfer to a four-year institution. Opportunity is provided to link this major cooperatively with Laney College's Architectural Technology, Carpentry, and Environmental Control Technology majors as well as Merritt College's Landscape Horticulture majors.

The **AS degree in Green Building and Energy Management** will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. A **Certificate** will be awarded upon satisfactory completion of the major course requirements.

Degree Major/Certificate Requirements:

| Dept/No. | Title | Units |
|--|---|-------|
| Required courses: | | |
| ENVMT 1 | Environmental Careers (1) | 1 |
| ENVMT 2 | Introduction to Sustainable Environmental Systems (3) or | |
| BIOL 13 | Principles of Ecology (3) | 3 |
| ENVMT 20 | Introduction to Green Building and Ecological Design (3) | 3 |
| ENVMT 20L | Introduction to Green Building and Energy Options Lab (1) | 1 |
| Select a minimum of 4 units from the following: | | |
| ENVMT 21 | Sustainable Energy Options (3) | |
| ENVMT 22 | Energy-Efficient Design and Construction (2) | |
| ENVMT 24 | Energy Conservation and Auditing (2) | 4 |
| Select two (2) courses for a minimum of 2-4 units from the following: | | |
| A/ET 211 | Fundamentals of Drafting Techniques (4) (Laney) | |
| ENVMT 18 | Environmental Writing (2.5) | |
| ENVMT 210A-B | Environmental Photography and Photo Monitoring I and II (1.5 each) or | |
| ART 210A-B | Environmental Photography and Photo Monitoring I and II (1.5 each) | 2-4 |
| Select a minimum of 2-3 units from the following: | | |
| ENVMT 10 | Urban Ecology (2) | |
| ENVMT 11 | Sustainable Urban and Regional Planning (3) | 2-3 |

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CHANGE FROM:

CHANGE TO:

Select two (2) courses for a minimum of 2-7.5 units from the following:

| | | |
|-------------|---|----------------|
| A/ET 104A | Beginning Computer-Aided Drafting (CAD) (3) (Laney) | |
| CARP 211 | Elements of Construction (3.5) (Laney) | |
| CARP 220 | Rough Framing (3) (Laney) | |
| CARP 251A-B | Introduction to the Skilled Trades I and II (3 each) (Laney) | |
| COPED 476F | Occupational Work Experience in Environmental Management and Technology (1-4) | |
| ECT 28 | Energy Management and Efficiency in Building Systems (2) (Laney) | |
| ENVMT 23 | Introduction to Solid Waste Management and Recycling (3) | |
| ENVMT 33AA | Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVMT 33AB | Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVMT 33AC | Introduction to Creek and Watershed Restoration: General Aspects (1) | |
| ENVMT 40 | From Tree to Sea: A Bay Area Environmental Cross Section (1-3) | |
| LANHT 28A-D | Permaculture Design I, II, III, and IV (3 each) | |
| LANHT 36A-C | Natural Building (3 each) | <u>2-7.5</u> |
| | Total Required Units: | 18-26.5 |

**PERALTA COMMUNITY COLLEGE DISTRICT
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**PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

CHANGE FROM:

CHANGE TO:

HUMAN ECOLOGY (ENVST)

The **Human Ecology** program is a two-year, largely social-science based environmental major. It is designed to give students a very broad background in environmental subjects, with heavy emphasis on the human perspective. Students who have a strong interest in the environment and are planning to transfer to a four-year institution to pursue a bachelor's degree in the social sciences, liberal arts, or humanities will find this program to be good preparation.

The **AA degree in Human Ecology** will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements.

Degree Major Requirements:

| Dept/No. | Title | Units |
|----------|---|-------|
| ANTHR 3 | Introduction to Social and Cultural Anthropology | 3 |
| BIOL 29 | Biology of the Living World (4) | |
| | or | |
| BIOL 10 | Introduction to Biology (4) | 4 |
| CIS 205 | Computer Literacy | 1 |
| ENVST 11 | Introduction to Sustainable Environmental Systems (3) | |
| | or | |
| BIOL 13 | Principles of Ecology (3) | 3 |
| ENVST 12 | Urban Ecology | 2 |
| ENVST 14 | Environmental Economics | 3 |
| ENVST 15 | Environmental Law | 3 |
| ENVST 16 | Environmental Careers | 1 |
| GEOG 1 | Physical Geography (3) | |
| | or | |
| GEOL | Any Geology course of 3 or more units (3) | 3 |
| MATH 13 | Introduction to Statistics | 4 |
| POSCI 1 | Government and Politics in the United States | 3 |

Select one course from the following:

| | | |
|---------|--|---|
| HIST 7A | History of the United States to 1877 (3) | |
| HIST 7B | History of the United States since 1865 (3) | |
| HIST 14 | San Francisco Bay Area from Discovery to Present (3) | |
| HIST 19 | History of California (3) | 3 |

Select one course from the following:

| | | |
|----------|--|-----------|
| PSYCH 1A | Introduction to General Psychology (3) | |
| PSYCH 6 | Social Psychology (3) | |
| PSYCH 33 | Personal and Social Adjustment (3) | <u>3</u> |
| | Total Required Units: | 36 |

**HUMAN ECOLOGY, POLICY PLANNING AND ENVIRONMENTAL JUSTICE (ENVMT) F07
(Pending state approval)**

The **Human Ecology, Policy Planning and Environmental Justice** program is a two-year, largely social-science based environmental major. It is designed to give students a very broad background in environmental subjects, with heavy emphasis on the human perspective. Students who have a strong interest in the environment and are planning to transfer to a four-year institution to pursue a bachelor's degree in the social sciences, liberal arts, or humanities will find this program to be good preparation.

The **AA degree in Human Ecology, Policy Planning and Environmental Justice** will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. A **Certificate** will be awarded upon satisfactory completion of the Major course requirements.

Degree Major/Certificate Requirements:

| Dept/No. | Title | Units |
|--|--|-------|
| Required courses: | | |
| ENVMT 1 | Environmental Careers (1) | 1 |
| ENVMT 2 | Introduction to Sustainable Environmental Systems (3) | |
| | or | |
| BIOL 13 | Principles of Ecology (3) | 3 |
| ENVMT 18 | Environmental Writing (2.5) | 2.5 |
| Select a minimum of 6 units from the following: | | |
| ENVMT 2L | Principles of Ecology and Sustainable Systems Lab (1) | |
| | or | |
| BIOL 13L | Principles of Ecology and Sustainable Systems Lab (1) | |
| ENVMT 16 | Introduction to Healthy Community Systems (3) | |
| | or | |
| HLTOC 16 | Introduction to Healthy Community Systems (3) | |
| ENVMT 19 | Civilization's Impact on the Environment: Psychology of Trashing the Earth (3) | |
| | or | |
| PSYCH 19 | Civilization's Impact on the Environment: Psychology of Trashing the Earth (3) | |
| HIST 38 | Current World Problems (3) (Berkeley City) | |
| | or | |
| POSCI 20 | Current World Problems (3) (Berkeley City) | |

Select a minimum of 3-6 units from the following:

6

**PERALTA COMMUNITY COLLEGE DISTRICT
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College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM CHANGES
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| CHANGE FROM: | CHANGE TO: |
|---------------------|---|
| | ENVMT 12 Environmental Racism and Justice (3) or |
| | AFRAM 38 Environmental Racism and Justice (3) |
| | ENVMT 27 Ethnoecology: Ethnic Environmental Studies (3) |
| | ENVMT 42 Ecology, Culture, and Stewardship of California Landscapes (1-3) |
| | ENVST 76A-D Native Americans and the Bay Area Environment Series (.5-5 each) or |
| | ENVST 78A-H American Indians and the Ecology of North America Series (.5-5 each) 3-6 |
| | Select a minimum of 3-6 units from the following: |
| | ENVMT 10 Urban Ecology (2) |
| | ENVMT 11 Sustainable Urban and Regional Planning (3) |
| | ENVMT 13 Introduction to Environmental Policy and Law (3) |
| | ENVMT 15 Environmental Economics (3) |
| | ENVMT 17A-D Environmentalism in Action (.5 each) |
| | ENVMT 26 Introduction to Environmental Health (3) or |
| | HLTOC 26 Introduction to Environmental Health (3) |
| | ENVMT 50* Special Projects in Ecological Planning, Implementation and Maintenance (.5-3)3-6 |
| | Select a minimum of 2 units from the following: |
| | COPED 476F Occupational Work Experience in Environmental Management and Technology (1-4) |
| | ENVMT 39A-B Introduction to Global Positioning Systems (GPS) I and II (.5 each) or |
| | GEOG 39A-B Introduction to Global Positioning Systems (GPS) I and II (.5 each) |
| | ENVMT 39C Introduction to Geographic Information Systems (GIS) (2) or |
| | GEOG 39C Introduction to Geographic Information Systems (GIS) (2) |
| | ENVMT 210A-B Environmental Photography and Photo Monitoring I and II (1.5 each) or |
| | ART 210A-B Environmental Photography and Photo Monitoring I and II (1.5 each) 2 |
| | Select a minimum of 2 units from the following: |
| | ENVMT 33AA Introduction to Creek and Watershed Restoration: General Aspects (1) |
| | ENVMT 33AB Introduction to Creek and Watershed Restoration: General Aspects (1) |
| | ENVMT 33AC Introduction to Creek and Watershed Restoration: General Aspects (1) |

**PERALTA COMMUNITY COLLEGE DISTRICT
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College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**PROGRAM CHANGES
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| CHANGE FROM: | CHANGE TO: | | | | |
|------------------------------|--|------------------------------|------------------|--|----------|
| ENVMT 40 | From Tree to Sea: A Bay Area Environmental Cross Section (1-3) | | | | |
| ENVMT 42 | Ecology, Culture, and Stewardship of California Landscapes (1-3) | | | | |
| ENVST/BIOL | Any Natural History course in the Envst/Biol 60, 70, 80 numbered series (.5-5) | | | | |
| | <table style="margin-left: auto; margin-right: 0;"> <tr> <td style="border-top: 1px solid black;">Total Required Units:</td> <td style="border-top: 1px solid black; text-align: right;">22.5-28.5</td> </tr> <tr> <td></td> <td style="text-align: right;"><u>2</u></td> </tr> </table> | Total Required Units: | 22.5-28.5 | | <u>2</u> |
| Total Required Units: | 22.5-28.5 | | | | |
| | <u>2</u> | | | | |

RECOMMENDED:

Envmt 48ND, Living Simply for Human and Environmental Sustainability (3)

*Envmt 501, Sustainable Environmental Systems Projects (Non-Credit) (0) (taken concurrently with Envmt 50)

This is a reconfiguration of all Environmental programs/disciplines at Merritt (EMART, ETECH, ENVST, ENVTE, PHYSC, SWMT) under one discipline (ENVMT) with a General Environmental Management and Technology degree/certificate program (new option) with five specializations in: Ecological Restoration and Watershed Management (formerly EMART), Green Building and Energy Management (formerly ETECH), Human Ecology, Policy Planning and Environmental Justice (formerly under ENVST), Ranger/Naturalist Outdoor Education (new option), and Urban Farming and Agro Ecology (new option). All the programs are interdisciplinary to some degree with cross-listed courses in other disciplines or requiring courses in other disciplines. Three programs in particular – Green Building/Energy Management, Ecological Restoration/Watershed Management, and Urban Farming/Agro Ecology – draw on skills learned either in the construction and building trades (under A/ET, CARP, ECT, as well as permaculture under LANHT), or the Landscape restoration, design and management fields (all under LANHT). Thus, students are exposed to the interdisciplinary nature of this program and the benefits of environmental management to many fields.

The programs also require or recommend science-based courses in Biology, Chemistry, Geography, and Geology and students who plan to transfer to four-year institutions will be encouraged to take these courses, while most students will seek vocational employment after two years of training. A number of students attend these classes for skills upgrade in order to advance in a current job position. A few modularized courses are offered to accommodate these students in particular. Some courses are designed to attract potential students from agencies/organizations involved in environmental management or ecological restoration or involved in some aspect of environmental management training in the Bay Area region, such as the East Bay Conservation Corps, the Eco-Oakland Elementary School Program, the Norcal High School Student Environmental High School Program, the U.S. Environmental Protection Agency, various watershed groups, stopwaste.org, and the American Institute of Architects, among others.

Note: Courses and programs are offered only by Merritt.

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

College: Alameda

Date Submitted for
CIPD Approval: 4/9/07

**PROGRAM DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

DEACTIVATE:

JUSTIFICATION:

RETAIL MANAGEMENT

F07

Certificate of Completion Requirements:

The marketing courses for this certificate have been deactivated.

| Dept/No | Title | Units |
|----------------|---|--------------|
| BUS 207 | Business English | 3 |
| BUS 202 | Business Math | 3 |
| CIS 1 | Introduction to Computer Information Systems | 4 |
| COMM1A | Introduction to Speech | 3 |
| BUS 54 | Small Business Management | 3 |
| BUS 20 | General Accounting | 3 |
| BUS 70 | Introduction to Marketing | 3 |
| BUS 72 | Principles of Retailing | 3 |
| BUS 5 | Leadership and Human Relations | 3 |
| BUS 56 | Human Resource Management | 3 |

Plus: A minimum of one (1) course from the following:

| | | |
|---------|---|--------------|
| CIS 201 | Microcomputer Operating Systems (2) or | |
| CIS 233 | Introduction to the Internet (2) or | |
| CIS 209 | Introduction to Windows (1) | <u>1-2</u> |
| | Total Required Units: | 32-33 |

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

College: Laney

Date Submitted for
CIPD Approval: 4/9/07

**PROGRAM DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF. | JUSTIFICATION: |
|---|-------------|---|
| Bioscience with Emphasis in Biotechnology Certificate of Achievement | F07 | This certificate is being replaced by the Certificate of Achievement in Biomanufacturing. |

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

College: Merritt

Date Submitted for
CIPD Approval: 2/5/07

**PROGRAM DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

DEACTIVATE:

JUSTIFICATION:

**HORTICULTURAL THERAPY F07
Certificate of Achievement Requirements:**

| | | |
|----------|--|-------|
| LANHT 1 | Introduction to Landscape Horticulture with Lab (Day) (F, S) or | |
| LANHT 1E | Introduction to Landscape Horticulture (Evening) (F, S) | 3 |
| LANHT 24 | Plant Propagation (S) | 3 |
| LANHT 70 | Introduction to Horticultural Therapy (F) | 3 |
| LANHT 71 | Horticultural Crafts (F or S) | 1 |
| LANHT 72 | Adaptive Horticulture (S) | 2 |
| LANHT 73 | Horticulture for Special Populations (S) | 3 |
| LANHT 74 | Therapeutic Landscape Design (F or S) (2) or | |
| LANHT 75 | Occupational Work Experience in Horticultural Therapy (S, I, M)(1-4) | 1-2 |
| | Total required units: | 16-17 |

Program and courses have not been offered for several years and there are no plans to offer them in the future.
Note: Program and courses are offered only by Merritt.

Recommended:

LANHT 18A, Landscape Design (F) (3)
LANHT 23, Plant Terminology (F, S) (2.5)
LANHT 220, The Edible Landscape (F or S) (2)
Any related course in Herbs, Psychology, Sociology, Nursing, Occupational Therapy, Recreational Therapy, etc.

**AS Degree and Certificate of Completion
(Pending State Approval)**

Degree Major/Certificate Requirements:

| | | |
|----------|--|-----------|
| LANHT 1 | Introduction to Landscape Horticulture with Lab (Day) (F, S) (3) or | |
| LANHT 1E | Introduction to Landscape Horticulture (Evening) (F, S) (3) | 3 |
| LANHT 23 | Plant Terminology (F, S) | 2.5 |
| LANHT 24 | Plant Propagation (S) | 3 |
| LANHT 70 | Introduction to Horticultural Therapy (F) | 3 |
| LANHT 71 | Horticultural Crafts (F or S) | 1 |
| LANHT 72 | Adaptive Horticulture (S) | 2 |
| LANHT 73 | Horticulture for Special Populations (S) | 3 |
| LANHT 74 | Therapeutic Landscape Design (F or S) | 2 |
| LANHT 75 | Occupational Work Experience in Horticultural Therapy (S, I, M) | 1-4 |
| | Total required units: | 20.5–23.5 |

Recommended:

COSER 43A, Introduction to Counseling Skills for Paraprofessionals I (3)
LANHT 220, The Edible Landscape (F or S) (2)
PSYCH 1A, Introduction to General Psychology (3)
RECSE 50, Introduction to Recreation and Leisure Services (3)

**PERALTA COMMUNITY COLLEGE DISTRICT
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College: Merritt

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**PROGRAM DEACTIVATIONS
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| DEACTIVATE: | JUSTIFICATION: |
|--|--|
| CIS: Computer Networks and Communications Program F07 | Programs have been inactive for several years. |
| CIS: Microcomputer Software Specialist Program F07 | “ “ |
| CIS: Software Development Program F07 | “ “ |
| EHMT: Environmental Hazardous Materials Technology Program F07 | “ “ |
| EMART: Geographic Information Systems/Global Positioning Systems (GIS/ GPS) Certificate F07 | “ “ |

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

College: Alameda

Date Submitted for
CIPD Approval: 2/5/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|-------------|--|
| <p>BUS 226 Word Processing for Legal Professionals 2 units, 1.5 hours lecture, 1.5 hours laboratory (GR or CR/NC) Use of Microsoft Office Word application features to create legal-oriented documents: Legal correspondence and pleadings, memorandum of points and authorities, tables of contents and authorities, indexes, and forms. 0514.10 Proposed: AA/AS area 4c</p> | <p>M07</p> | <p>There is a need in the community for legal professionals to learn the Microsoft Office Word application features unique to legal documentation preparation. This will be a required course for the Certificate of Achievement in Legal Secretarial Studies to replace CIS/BUS 238A, Word Processing I. Note: Course is offered only by Alameda.</p> |

**PERALTA COMMUNITY COLLEGE DISTRICT
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College: Alameda

Date Submitted for
CIPD Approval: 4/9/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|-------------|---|
| <p>CIS 200 Computer Concepts and Applications 1.5 units, 1 hour lecture, 2 hours laboratory (GR or CR/NC) Eligible for credit by exam. AA Introduction to computer concepts: Terminology, word processing, spreadsheets, database management, presentation graphics, and the Internet. 0702.10</p> | S08 | <p>Course satisfies the AA/AS degree requirement for computer literacy. UCN course being adopted from Berkeley City College.</p> |
| <p>CIS 234A World Wide Publishing I Approved Distance Education Addendum</p> | S08 | <p>To make the course available to non-traditional students located remotely or unavailable during regular class hours.</p> |
| <p>CIS 248BV ETUDES-NG Overview Approved Distance Education Addendum</p> | S08 | <p>This course provides an instructor with a basic understanding of the tools in ETUDES-NG Course Management Software as well as experience taking an online course from the student perspective in a model course set up using accepted best practices. Additionally, this course meets the training requirement for instructors prior to requesting an ETUDES-NG course site, and defined in the ETUDES Consortium Agreement.</p> |

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

College: Alameda

**Date Submitted for
CIPD Approval: 5/7/07**

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF | JUSTIFICATION: |
|--|------------|--|
| <p>AMT 80 Airframe Basics I 3 units, 2.0 lecture, 3.0 laboratory This is the first of the Aviation Maintenance Technology subjects for the Aviation High School program, first semester sophomore year. Subjects included are: orientation and shop safety, ground operations, non-destructive testing, corrosion control, and fluid lines and fittings. 0950.10</p> | F07 | This course is a required component of the Aviation High School program. |
| <p>AMT 81 Airframe Basics II 3 units, 2.0 lecture, 3.0 laboratory This is the second of the Aviation Maintenance Technology subjects for the Aviation High School program, second semester sophomore year. Subjects included are: orientation and shop safety, plastic and bonded structures, aircraft structures, wood structures, welding, and fabric structures. 0950.10</p> | F07 | “ “ “ |
| <p>AMT 82 Airframe Basics III 3 units, 2.0 lecture, 3.0 laboratory This is the third of the Aviation Maintenance Technology subjects for the Aviation High School program, sophomore summer session. Subjects included are: orientation and shop safety, FAR 65, FAR's, aircraft drawings, maintenance forms and records, electrical circuits, electrical meters, batteries, aircraft electrical systems, electrical schematics. 0950.00</p> | F07 | “ “ “ |
| <p>AMT 83 Airframe I 5.5 units, 3.5 lecture, 6.0 laboratory This is the first of the airframe subjects for the junior year of the Aviation High School program. Subjects included are: orientation and shop safety, advanced electrical, aircraft instruments, cabin environmental systems, ice and rain protection, landing gear warning systems, takeoff warning systems, and materials and processes. 0950.10</p> | F07 | “ “ “ |

**PERALTA COMMUNITY COLLEGE DISTRICT
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College: Alameda

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CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF | JUSTIFICATION: | | |
|---|------------|-----------------------|---|---|
| <p>AMT 84 Airframe II 5.5 units, 3.5 lecture, 6.0 laboratory This is the second of the airframe subjects for the junior year of the Aviation High School program. Subjects included are: orientation and shop safety, ice and rain protection, landing gear warning systems, takeoff warning systems and materials and processes. 0950.10</p> | F07 | " | " | " |
| <p>AMT 85 Airframe III 3.0 units, 2.0 lecture, 3.0 laboratory This is the summer session for the junior year of the Aviation High School program in the airframe subjects. Subjects included are: orientation and shop safety, sheet metal structures, and aircraft finishes. 0950.10</p> | F07 | " | " | " |
| <p>AMT 86 Advanced Airframe I 8.5 units, 5.0 lecture, 10.5 laboratory This is the first of the lasts airframe subjects given in the senior year of the Aviation High School program. Subjects included are: orientation and shop safety, Comm/Nav systems, fire detection, assembly and rigging, and hydraulic systems. 0950.10</p> | F07 | " | " | " |
| <p>AMT 87 Advanced Airframe II 8.5 units, 5.0 lecture, 10.5 laboratory This is the second of the last airframe subjects given in senior year of the Aviation High School program. Subjects included are: orientation and shop safety, landing gear systems, wheel and tires, retraction systems, fuel systems, pneumatic power systems, and brakes and anti-skid systems. 0950.10</p> | F07 | " | " | " |
| <p>AMT 88 Advanced Airframe III 3.0 units, 2.0 lecture, 3.0 laboratory This is the final course in airframe subjects given in the summer of the senior year of the Aviation High School program. Subjects included are: orientation and shop safety, airframe inspections, and airframe examination testing preparation. 0950.10</p> | F07 | " | " | " |

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

College: Alameda

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF | JUSTIFICATION: |
|--|------------|--|
| Anthropology 1 Introduction to Physical Anthropology Approved Distance Education Addendum | F07 | To make the course available to students who need it as a pre-requisite or who can't take it at scheduled classroom times. |
| Anthropology 2 Introduction to Archaeology and Prehistory Approved Distance Education Addendum | F07 | " " " |
| Anthropology 3 Introduction to Social and Cultural Anthropology Approved Distance Education Addendum | F07 | " " " |

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

College: Berkeley City College

**Date Submitted for
CIPD Approval: 2/5/07**

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF. | JUSTIFICATION: |
|--|-------------|--|
| <p>HUMAN 52 Women and Cinema <i>4 units, 4 hours lecture (GR or CR/NC)</i> <i>Recommended preparation: Human 21 or an introduction to Film Studies course</i> <i>Also offered as WS 52. Not open for credit to students who have completed or are currently enrolled in WS 52.</i> <i>Acceptable for credit: CSU</i> Analysis of women in cinema and of feminist and queer film criticism: Feminist film theory, criticism, and history; women as readers of film; women's independent film; women's often conflicted relationship with film representations; and the role of sexuality and gender in film viewing and representation. 4903.00 Proposed: AA/AS area 3, CSU area C2, IGETC area 3</p> | S08 | BCC is expanding its transferable options in the Humanities area and these film courses are part of that plan. In addition, BCC is studying the viability of an AA degree or certificate in Film Studies; these film courses would be a part of that program should it be developed. Finally, this course will expand the elective options in our Women's Studies Certificate. |
| <p>WS 52 Women and Cinema <i>4 units, 4 hours lecture (GR or CR/NC)</i> <i>Recommended preparation: Human 21 or an introduction to Film Studies course</i> <i>Also offered as Human 52. Not open for credit to students who have completed or are currently enrolled in Human 52.</i> <i>Acceptable for credit: CSU</i> Analysis of women in cinema and of feminist and queer film criticism: Feminist film theory, criticism, and history; women as readers of film; women's independent film; women's often conflicted relationship with film representations; and the role of sexuality and gender in film viewing and representation. 2201.10 Proposed: AA/AS area 3, CSU area C2, IGETC area 3</p> | S08 | BCC is expanding its transferable options in the Humanities area and these film courses are part of that plan. In addition, BCC is studying the viability of an AA degree or certificate in Film Studies; these film courses would be a part of that program should it be developed. Finally, this course will expand the elective options in our Women's Studies Certificate. |
| <p>HUMAN 53 Comparative Film Genres <i>4 units, 4 hours lecture (GR or CR/NC)</i> <i>Recommended preparation: Human 21 or an introduction to Film Studies course</i> <i>Acceptable for credit: CSU</i> Survey of film genres selected from two to four of the following: Film noir, action, comedy, romance, western, musical, horror, documentary, gangster, and others. 4903.00 Proposed: AA/AS area 3, CSU area C2, IGETC area 3</p> | F07 | BCC is expanding its transferable options in the Humanities area and these film courses are part of that plan. In addition, BCC is studying the viability of an AA degree or certificate in Film Studies; these film courses would be a part of that program should it be developed. |

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DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
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| <p>ARAB 48UA-ZZ Selected Topics in Arabic .5-5 units, 0-5 hours lecture, 0-15 hours laboratory (GR or CR/NC) Acceptable for credit: CSU See section on Selected Topics. 1112.00</p> | F07 | At the request of students, and as part of our overall plan to expand our foreign language offerings, we are adding selected topics in Arabic to our catalog. We will be offering ARABIC 48UA for Fall 2007. |
| <p>ASTR 48UA-ZZ Selected Topics in Astronomy .5-5 units, 0-5 hours lecture, 0-15 hours laboratory (GR or CR/NC) Acceptable for credit: CSU See section on Selected Topics. 1911.00</p> | S08 | Add selected topics in Astronomy to our catalog to allow additional experimentation with new courses. |
| <p>ASTR 248UA-ZZ Selected Topics in Astronomy .5-5 units, 0-5 hours lecture, 0-15 hours laboratory (GR or CR/NC) See section on Selected Topics. 1911.00</p> | S08 | Add selected topics in Astronomy to our catalog to allow additional experimentation with new courses. |
| <p>CHEM 48UA-ZZ Selected Topics in Chemistry .5-5 units, 0-5 hours lecture, 0-15 hours laboratory (GR or CR/NC) Acceptable for credit: CSU See section on Selected Topics. 1905.00</p> | S08 | Add selected topics in Chemistry to our catalog to allow additional experimentation with new courses. |
| <p>CHEM 49 Independent Study in Chemistry .5-5 units (GR or CR/NC) Acceptable for credit: CSU See section on Independent Study. 1905.00</p> | S08 | As we now have a full time Chemistry instructor, we are adding the ability to offer independent study opportunities in this area. |
| <p>ENGL 1B Composition and Reading Approved Distance Education Addendum</p> | F07 | As part of our plans to expand our distance education offerings, we will be offering ENGL 1B as a hybrid course. |
| <p>Approved by CIPD 4/9/07: ENGL 21 Film: Art and Communication (cross-listed as ART 98 and HUMAN 21) Approved Distance Education Addendum</p> | F07 | As part of our plans to expand our distance education offerings and as part of our PACE program, we will be offering ENGL 21 as a hybrid course. |

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DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|---|------|---|
| <p>ENGL 138 Survey of Asian-American Literature 3 units, 3 hours lecture (GR or CR/NC) Prerequisite: ENGL 1A Acceptable for credit: CSU, UC (pending) Survey of Asian-American literature: Chinese American, Filipino American, Japanese American, Southeast Asian American writers, and others; current and historic issues as influenced by immigration, national boundaries, hybridity, and culture. 1503.00</p> | S08 | This course was developed to provide students a perspective on literature from an Asian American viewpoint. It will also satisfy Associate Degree, general education requirements in areas of 3, 4D and 5. It was developed in consultation with Meryl Seigal and Chris Lebo-Planas. |
| <p>ENGL 238 Survey of Asian-American Literature 3 units, 3 hours lecture (GR or CR/NC) Survey of Asian-American literature: Chinese American, Filipino American, Japanese American, Southeast Asian American writers, and others; current and historic issues as influenced by immigration, national boundaries, hybridity, and culture. 1503.00</p> | S08 | Many of our Literature courses are offered as both transfer courses and non transfer courses. This allows students to enroll in the course for the purpose of lifelong learning with less stress about grades and transfer status. This course will be offered as a non-transfer option as it will provide all students a perspective on literature from an Asian American viewpoint. It was developed in consultation with Meryl Seigal and Chris Lebo-Planas |
| <p>ESL 218 Writing Workshop (ESL) 1.5 units, 1.25 hours lecture, 1.25 hours laboratory (GR or CR/NC) Individualized instruction in writing, utilizing computers: Grammar, punctuation, sentence structure, vocabulary, idea development and/or organizational skills. 4930.81</p> | S08 | This course provides instruction for ESL students needing supplemental work in essay writing for academic classes. Many ESL students have taken the Writing Workshop (ENGL 208/258). This class is tailored to more directly address the needs of English language learners, including specialized instructors and assistants, and extended time for writing, lectures and conferences. We have offered it as Selected Topic, ESL 248UA, in S06, F06, and S07; average enrollment is 25 students. |
| <p>HIST 3 Modern World History Approved Distance Education Addendum</p> | F07 | As part of our plans to expand our distance education offerings, we will be offering HIST 3 as a hybrid course. |
| <p>HLTED 9 First Aid and Safety 2 units, 2 hours lecture (GR or CR/NC) Acceptable for credit: CSU Course study under this section may be repeated three times for recertification. Introduction to first aid and safety: Development of skills and knowledge for immediate and temporary care in case of an accident or sudden illness; preventive measures. 0837.00</p> | S08 | We are reactivating this course as part of our plan to expand into additional community-based courses. The following were notified of our intent via email and phone: COA: Peter Simon, Bob Grill, Steven Hall. Laney: John Beam, Philip Andreini, Jay Lehmann, Eleanor Liu. |

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| ADD: | EFF: | JUSTIFICATION: |
|---|------|---|
| <p>HUMAN 49 Independent Study in Humanities .5-5 units (GR or CR/NC) Acceptable for credit: CSU See section on Independent Study. 1599.00</p> | S07 | As we now have a full time Humanities instructor, we are adding the ability to offer independent study opportunities in this area. |
| <p>M/LAT 30A Survey of Latin-American Films 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU, UC (pending) Critical examination of historical and contemporary film images of Latinos/Americanos as a result of cultural encounters within the United States: Traditional and emerging objectives of film makers and producers; and common themes and cultural elements in films by and about Latinos in the United States. 2203.04</p> | S08 | Course familiarizes students with interdisciplinary cinematic studies, educates them on Latin-American roots of Chicano/Latino culture, and enriches their cultural and literary experiences. Course meets Mexican/Latin American Studies major requirements at Laney, is transferable to the CSU and UC systems, and meets AA/AS area 2, 3, 5 requirements. We are borrowing the course and have consulted with Hector Cordova, Merritt, and Arturo Davila, Laney. |
| <p>M/LAT 30B Survey of Latin-American Films 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU, UC (pending) Critical examination of cinema from throughout Latin America and Spain that relate to Latino cultural experiences: Emphasis on those films that educate viewers about Latino encounters with majority and minority cultures within Latin America. 2203.04</p> | S08 | Course familiarizes students with interdisciplinary cinematic studies, educates them on Latin-American roots of Chicano/Latino culture, and enriches their cultural and literary experiences. Course meets Mexican/Latin American Studies major requirements at Laney, is transferable to the CSU and UC systems, and meets AA/AS area 2, 3 requirements. We are borrowing the course and have consulted with Hector Cordova, Merritt, and Arturo Davila, Laney. |
| <p>MMART 196A Art Marketing and Portfolio Management 2 units, 1.5 hours lecture, 1.5 hours laboratory (GR or CR/NC) Corequisite: MMART 196LA Acceptable for credit: CSU Principles of marketing digital artwork: Business models and marketing structures, professional collaboration, systems approach to marketing digital artwork, portfolio development, networking opportunities, and career management for the professional digital artist. 0614.00</p> | S08 | The digital worker today must be responsible for an array of creative and business skills in order to manage ever-changing opportunities. This requires a combination of knowledge about business operations (how to work with other professionals); a systems approach to your own marketing; and a networked approach to your opportunities. This course will cover those three areas. This course is expected to be required for the Digital Imaging AA Degree and Certificate in Multimedia after completion of program review. Offered as Selected Topic, MMART 248 UA, F06; S07, average enrollment 23. |
| <p>MMART 196LA Art Marketing and Portfolio Management Lab 1 unit, 4 hours laboratory (GR or CR/NC) Corequisite: MMART 196A Acceptable for credit: CSU Practical training for development of multimedia skills presented in MMART 196A. 0614.00</p> | S08 | Provides lab experience for MMART 196A, Art Marketing and Portfolio Management. Offered as Selected Topic, MMART 248 UB, F06; S07, average enrollment 17. |

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| ADD: | EFF: | JUSTIFICATION: |
|--|------|--|
| <p>PE 120 Pilates .5 units, 2 hours laboratory (GR or CR/NC) Acceptable for credit: CSU, UC (pending) Course study under this section may be repeated three times. Activity class: Introduction to Pilates mat work, increasing awareness of the interconnection of the body and mind, increasing strength and flexibility; and improving body alignment, breath awareness, and efficiency of movement. Activity class. 0835.00</p> | S08 | <p>We are adding this course as part of our plan to offer a limited number of community based PE activity courses. Though our research showed no other Pilates courses in the district, the following were notified of our intent via email and phone: COA: Maurice Jones, Bob Grill, Steven Hall. Laney: John Beam, Philip Andreini, Jay Lehmann, Eleanor Liu. Merritt: Maurice Compton, Hector Cordova, Kim Thoman, Jon Drinnon, June Harding.</p> |
| <p>PHIL 49 Independent Study in Philosophy .5-5 units (GR or CR/NC) Acceptable for credit: CSU See section on Independent Study. 1509.00</p> | S07 | <p>As we now have a full time Humanities/Philosophy instructor, we are adding the ability to offer independent study opportunities in this area.</p> |
| <p>PHYSC 20 Introduction to the Marine Environment Approved Distance Education Addendum</p> | F07 | <p>As part of our plans to expand our distance education offerings and as part of our PACE program, we will be offering PHYSC 20 as a hybrid course.</p> |

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| ADD: | TOP # | JUSTIFICATION: |
|--|-------|---|
| <p>ART 119 Figure Painting in Context 3 units, 2 hours lecture, 4 hours laboratory (GR or CR/NC) Prerequisite: Art 25 Acceptable for credit: CSU, UC (pending) Course study under this section may be repeated three times. Painting the human form using live models: Inventing a narrative using the figure; exploration of basic painting techniques used to create gesture, volume, and color with an emphasis on context, narrative and personal style; acrylic, gouache, and watercolor. 1002.10</p> | S08 | <p>This course assists students in transitioning from our drawing classes to more advanced painting classes. It will be useful for students in applied arts, animation, and multimedia arts. It has been offered as ART 048VM in Fall 2006 and Spring 2007, with an average enrollment of 21 students each semester. It is scheduled for Fall 2007. With three successful semesters on record, the art department has requested institutionalization for Spring 2008.</p> |
| <p>BIOL 232 Readings in Science 2 units, 2 hours lecture (GR) Instrumentation to scientific reading: Scientific terminology, basic concepts in biology and chemistry, interpreting data presented in scientific tables and figures, and constructing protocols and references. 0430.00</p> | S08 | <p>This course is intended for students who wish to enroll in introductory courses in biology or chemistry, but who lack adequate preparation in reading and interpreting science writing, scientific terminology, and basic concepts in biology and chemistry. It is also part of our new Biotechnology Level 1 Certificate of Achievement.</p> |
| <p>GEOL 48UA-ZZ Selected Topics in Geology .5-5 units, 0-5 hours lecture, 0-15 hours laboratory (GR or CR/NC) Acceptable for credit: CSU See section on Selected Topics. 1914.00</p> | S08 | <p>As part of our catalog review in sciences, we are adding selected topics to allow us to experiment with additional courses in Geology.</p> |
| <p>MATH 218 Math Workshop .5-1 unit, .25-.5 hours lecture, .75-1.5 hours laboratory (GR or CR/NC) Course study under this section may be repeated one time. Reinforcement of problem solving skills through individualized instruction in elementary algebra and/or intermediate algebra. 1701.00</p> | S08 | <p>This course provides additional individualized instruction for students in all levels of math. There is a high demand for this supplemental help based on feedback from math instructors and students. The other colleges offer this as separate courses for each math level; at this time we are creating one course for all levels. This course is also part of our new Biotechnology Level 1 Certificate of Achievement.</p> |
| <p>MATH 259 Math Workshop (Basic Skills) .5-1 unit, .25-.5 hours lecture, .75-1.5 hours laboratory (GR or CR/NC) Course study under this section may be repeated one time. Reinforcement of problem solving skills through individualized instruction in arithmetic and/or pre-algebra. 4930.41</p> | | <p>Note: The arithmetic and pre-algebra parts of this are problematic since they are considered to be at the basic skills, not the associate degree, level. It is recommended that BCC propose another course for the basic skills content, or adopt Merritt's Math 270 & Math 271 (Math Workshop for Arithmetic/Pre-Algebra) each one unit and non-degree applicable.</p> |

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| ADD: | TOP # | JUSTIFICATION: |
|---|--------------|--|
| <p>MMART 133C Digital Photography III 2 units, 1.5 hours lecture, 1.5 hours laboratory (GR) Prerequisite: Mmart 133B/133LB Corequisite: Mmart 133LC Acceptable for credit: CSU Digital camera required. Advanced theory and practice of digital photography: Archival quality prints and online galleries; professional level portfolio development. 0614.00</p> | S08 | <p>Provides advanced experience and higher-level skills to digital photographers. A portfolio course intended to produce published work by the individual student, either in print or online gallery. Continuation of a successful series of courses. Is expected to be incorporated as a central portion of the Digital Imaging Strand of the MMART degree after completion of program review. Offered as Selected Topic, MMART 48UQ, Fall 2006, enrollment 20.</p> |
| <p>MMART 133LC Digital Photography III Lab 1 unit, 4 hours laboratory (GR) Corequisite: Mmart 133C Acceptable for credit: CSU Practical training for development of multimedia skills presented in MMART 133C. 0614.00</p> | S08 | <p>Provides lab experience for MMART 133C, Digital Photography III. Offered as Selected Topic, MMART 48UR, Fall 2006, enrollment 12.</p> |
| <p>PHYS 4A General Physics with Calculus 5 units, 4 hours lecture, 3 hours laboratory (GR) Prerequisite: Math 3A Recommended preparation: Phys 10 Acceptable for credit: CSU, UC (pending) Comprehensive study of major topics of physics: Motion, forces, gravity, energy, momentum, rotation, equilibrium, fluids, oscillations, waves, and sound. 1902.00 AA/AS area 1</p> | S08 | <p>In line with our Educational Plan for our new facility and in response to student demand, we are expanding our physics program. Consultation has occurred with the other colleges in revising the courses and getting permission to borrow for BCC.</p> |
| <p>PHYS 4B General Physics with Calculus 5 units, 4 hours lecture, 3 hours laboratory (GR) Prerequisite: Phys 4A and Math 3B Acceptable for credit: CSU, UC (pending) Comprehensive study of major topics of physics: Thermodynamics, electric forces and fields, magnetic forces and fields, electricity, and AC and DC circuits. 1902.00 AA/AS area 1</p> | S08 | <p>In line with our Educational Plan for our new facility and in response to student demand, we are expanding our physics program. Consultation has occurred with the other colleges in revising the courses and getting permission to borrow for BCC.</p> |

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| ADD: | TOP # | JUSTIFICATION: |
|--|--------------|---|
| PHYS 4C General Physics with Calculus 5 units, 4 hours lecture, 3 hours laboratory (GR) Prerequisite: Phys 4B and Math 3C Acceptable for credit: CSU Comprehensive study of major topics of physics: Light interference, relativity, quantum physics, atoms, molecules, and nuclei. 1902.00 AA/AS area 1 | S08 | In line with our Educational Plan for our new facility and in response to student demand, we are expanding our physics program. Consultation has occurred with the other colleges in revising the courses and getting permission to borrow for BCC. |
| PHYS 48UA-ZZ Selected Topics in Physics .5-5 units, 0-5 hours lecture, 0-15 hours laboratory (GR or CR/NC) Acceptable for credit: CSU See section on Selected Topics. 1902.00 | S08 | As part of our catalog review in sciences, we are adding selected topics to allow us to experiment with additional courses in Physics. |

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CIPD Approval: 1/29/07

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| ADD: | EFF. | JUSTIFICATION: |
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| <p>AFRAM 38 Environmental Racism and Justice 3 units, 3 hours lecture (GR or CR/NC) Also offered as Envmt 12 at Merritt College. Not open for credit to student who have completed or are currently enrolled in Envmt 12. Acceptable for credit: CSU, UC (pending) American and global environmental policy and ethics concentrating on their impact on minorities and people of color: Unequal environmental protection; the politics of pollution, race and waste dumping; and the intersection of the Civil Rights and Environmental Justice Movements with an emphasis on civil rights, social justice, white supremacy, and the impact of the Environmental Movement on people of color. 2203.01 Proposed: AA/AS area 2, 5; CSU area C2, D; IGETC area 3, 4; UC American Cultures</p> | F07 | <p>Course is being offered to provide students the opportunity to study and understand the significance of the environmental movement's impact on communities of color; it provides background material leading to the 1980's Environmental Justice movement. Course meets AA/AS area 2, 5; CSU area C2, D; IGETC area 3, 4; UC American Cultures; and African-American Studies and Environmental Technology requirements. Note: UCN course also offered by Merritt.</p> |
| <p>BUS 223 Introduction to the Internet 2 units, 1.5 hours lecture, 1.5 hours laboratory (GR or CR/NC) Recommended preparation: Bus 219 or CIS 205* Also offered as CIS 233. Not open for credit to students who have completed or are currently enrolled in CIS 233. Using the Internet for access to information resources: Access methods, resources and how to use them. 0514.00 AA/AS area 4c</p> | F07 | <p>Knowledge and use of the Internet is prominent in today's businesses. This course will provide the training necessary for business students to obtain these skills.</p> <p>*Note: Need to also change recommended prep for CIS 233 to Bus 219 or CIS 205 (from: Computer literacy).</p> |
| <p>CIS 23 C# Programming 4 units, 3 hours lecture, 3 hours laboratory (GR or CR/NC) Recommended preparation: CIS 60 or 25 or 26 Acceptable for credit: CSU, UC (pending) C# programming: Basic unified modeling language (UML) notation in object-oriented software design and development using the C# programming language in a .Net environment; focus on the program structure, syntax, constructs and keywords of the C# programming language; concepts of intermediate languages (ILs); the common language runtime (CLR); and .Net standard data types. 0707.10 AA/AS area 4c</p> | F07 | <p>C# is an Object-Oriented Programming (OOP) language that is comparable to the type-safe Java programming language. It was created by Microsoft to be the programming language best suited for writing industrial strength applications for the .Net Platform. C# is one of the programming languages that constitute the Common Language Runtime (CLR) under the .Net environment. .Net is a managed environment comparable to the Java Virtual Machine (JVM) that handles the interpretation and execution of CLR code. Note: UCN course also offered by Alameda and Berkeley.</p> |

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| ADD: | EFF. | JUSTIFICATION: |
|---|-------------|---|
| <p>CIS 95B Projects in Game Theory, Development and Programming 4 units, 3 hours lecture, 3 hours laboratory (GR or CR/NC) Prerequisite: CIS 95A Recommended preparation: CIS 25 and 36A Acceptable for credit: CSU, UC (pending) Projects in game theory, development and programming: Design and implementation of 2D, 3D graphics, audio, and artificial intelligence (AL) components. 0707.10 AA/AS area 4c</p> | F07 | <p>This course offers students the applications and implementation of selected games/projects. This class will cover the process of implementing new modules/interfaces and incorporating existing modules to create games.</p> |
| <p>CIS 95C Advanced Topics in Game Development and Programming 4 units, 3 hours lecture, 3 hours laboratory (GR or CR/NC) Prerequisite: CIS 95A Recommended preparation: CIS 25 and 36A and 95B Acceptable for credit: CSU, UC (pending) Advanced topics in game development and programming: 2D and 3D graphics, artificial intelligence (AL), data structures and algorithms, wireless and mobile devices, and current gaming technologies. 0707.10 AA/AS area 4c</p> | F07 | <p>This course offers students with advanced topics in game development, and programming. This class will cover in depth the issues of 2D, 3D graphics (bitmap handling, filtering, etc.), high level mathematics and algorithms to cover detection and multi-threading. Students will participate in the discussion and implementation of games for wireless and mobile devices.</p> |
| <p>CIS 96B Projects in System/Software Security and Encryption 4 units, 3 hours lecture, 3 hours laboratory (GR or CR/NC) Prerequisite: CIS 96A Recommended preparation: CIS 25 and 36A and 39A Acceptable for credit: CSU, UC (pending) Projects in system/software security and encryption: Design and implementation of selected projects in safe coding, malware, encryption algorithms/applications. 0707.10 AA/AS area 4c</p> | F07 | <p>This course offers students the design, implementation, and practices in system/software security and encryption. Through projects, this class will cover the processes and evaluations of computer security, generating models, applying safe coding and secure software techniques, employing encryption as part of the security model and software.</p> |

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| ADD: | EFF. | JUSTIFICATION: |
|--|-------------|---|
| <p>CIS 96C Advanced Topics in System/Software Security and Encryption 4 units, 3 hours lecture, 3 hours laboratory (GR or CR/NC) Prerequisite: CIS 96A Recommended preparation: CIS 25 and 36A and 39A and 96B Acceptable for credit: CSU, UC (pending) Advanced topics in system/software security and encryption: New hardware architectures, software specifications, interface and data communication specifications and models, and selected areas of interest. 0707.10 AA/AS area 4c</p> | F07 | <p>This course offers students advanced topics in system/software security and encryption. The advance of technologies will provide the opportunities to examine specific areas such as new WIFI standards, computer architectures and software specification, next generation of malware, etc.</p> |
| <p>CIS 97A Oracle SQL and PL/SQL 4 units, 3 hours lecture, 3 hours laboratory (GR or CR/NC) Prerequisite: CIS 1 Acceptable for credit: CSU, UC (pending) Introduction to the design and development of multi-user relational database systems: Oracle SQL and fundamentals of PL/SQL programming. 0707.20 AA/AS area 4c</p> | F07 | <p>This course offers students an introduction to database management system (DBMS). The class covers the concepts of relational databases and SQL and PL/SQL programming languages. The course is intended for Systems Analysts, Database Developers and Database Administrators. Industry studies indicate a demand for employees with these skills. Note: UCN course also offered by Alameda and Berkeley.</p> |
| <p>P E 18A-B-C-D Kayaking .5 units each level, 2 hours laboratory (GR) Acceptable for credit: CSU, UC (pending) Course study under this section may be repeated three times. Introduction to basic kayaking: Equipment components needed to kayak safely, basic strokes, reading the river, rescue techniques, and how to roll a kayak. 0835.00</p> | F07 | <p>This course will provide students and the community with a safe introduction to the sport of coastal kayaking. Course has been offered as selected topics course with 23 students in M06, 11 in S06 and 15 in S05 semesters.</p> |
| <p>PSYCH 1A Introduction to General Psychology [Online course]</p> | F07 | <p>Department would like to offer this course as an online course</p> |

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College: Laney

Date Submitted for
CIPD Approval: 2/507

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF. | JUSTIFICATION: |
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| <p>CHIN 40A Conversational Chinese (Mandarin) 3 units, 3 hours lecture (GR or CR/NC) Eligible for credit by exam Acceptable for credit: CSU, UC (pending) Beginning level Chinese conversational skills: Proper pronunciation and usage of the Pinyin romanization systems; sentence structure and vocabulary for a variety of basic personal interactions such as greetings, exchanging personal information, asking directions and getting around the home, school and office. 1107.00 Proposed: AA/AS area 3, CSU area C2</p> | F07 | <p>This course offers accessibility to those who have a need to learn basic verbal communication skills in Chinese. Once articulated, may be accepted for credit: CSU or UC, Santa Barbara. Course has been offered as selected topics course with 26 students enrolled in Spring 06, 16 in Spring 05 and 26 in Fall 04 semesters.</p> |
| <p>CHIN 40B Conversational Chinese (Mandarin) 3 units, 3 hours lecture (GR or CR/NC) Prerequisite: Chin 40A Acceptable for credit: CSU, UC (pending) Continuation of CHIN 40A: Vocabulary, grammar and sentence structure using topics such as the geography of China, social interactions including introductions, ordering and sharing meals, visiting friends and family, shopping and business, transportation and the mail system. 1107.00 Proposed: AA/AS area 3, CSU area C2</p> | F07 | <p>This course is a follow-up course to Chinese 40A. It offers continued accessibility to those who have a need to learn basic verbal communication skills in Chinese. Once articulated, may be accepted for credit: CSU or UC, Santa Barbara.</p> |
| <p>PHYSC 15 Introduction to the Earth Sciences 3 units, 3 hours lecture (GR) Acceptable for credit: CSU, UC (pending) Introduction to interdisciplinary earth sciences: Composition, structure and evolution of the earth including the atmosphere and oceans; relations of geological, ocean and atmospheric systems, hazards and resources and the human environment. 1930.00 Proposed: AA/AS area 1, CSU area B1, IGETC area 5</p> | F07 | <p>Introduction to the Earth Sciences is a basic interdisciplinary science course that is suitable for chemistry, physics, biology, mathematics, geography, and geology, as well as for degree breadth requirements. The course is aligned with the California Science Content Standards for the preparation of K-12 teachers of science. Proposed to meet AA/AS area 1; CSU area B1, and IGETC area 5A (with GEOL 5L or PHYSC 20L satisfies lab requirement). Transferable to UC system (pending).</p> |

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

College: Laney

Date Submitted for
CIPD Approval: 2/507

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF. | JUSTIFICATION: |
|---|-------------|---|
| <p>PHYSIC 20L Introduction to the Marine Environment Laboratory Acceptable for credit: CSU, UC (pending) 1 unit, 3 hours laboratory (GR) Prerequisite or corequisite: Geol 5 or Physc 15 or Physc 20 Introduction to laboratory principles and techniques: Emphasis on the physical marine environment. 1919.00 Proposed: CSU area B3 (with Physc 20), IGETC area 5 (with Physc 20)</p> | F07 | <p>Introduction to the Marine Environment is a basic interdisciplinary science subject that is suitable for chemistry, physics, biology, mathematics, geography and geology, as well as for degree breadth requirements. Proposed to meet CSU area B3; IGETC area 5C lab requirement. Transferable to UC system (pending). Lecture course was approved as GEOL 5 but an identical course has been listed and offered for some years at Berkeley City College and has been listed at Laney but not recently offered under the designation PHYSIC 20 and with the name "Introduction to the Marine Environment". The PHYSIC listing appropriately reflects the interdisciplinary nature of the course, which includes biology, chemistry, physics and planetary sciences in addition to its minor geology component. To achieve District wide consistency, cross listing is requested at this time. After PHYSIC 20L is included in the catalog and schedules and is fully articulated it is anticipated that GEOL 5L may be deactivated.</p> |
| <p>Reinstatement: POSCI 6 The U.S. Constitution and Criminal Due Process 3 units, 3 hours lecture (GR) Acceptable for credit: CSU, UC (pending) Survey and analysis of people's rights under criminal and civil law: Procedural civil liberties and rights (defendants, court personnel, and police), concepts of due process and equal protection, search and seizure, and applications of principles and practices to everyday life. 2207.00 Proposed: AA/AS area 2, CSU area D, IGETC area 4</p> | F07 | <p>Meets requirements for political science A.A. degree; CSU-GE and IGETC (pending); facilitates a greater understanding of the law and its applications; enables more effective citizenship by broadening each student's knowledge base of their rights. POSCI 6 was deactivated from Laney's curriculum in Fall 95 semester.</p> |

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

College: Laney

Date Submitted for
CIPD Approval: 4/9/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|-------------|--|
| <p>ART 141 Eco Art Matters 3 units, 2 hours lecture, 4 hours laboratory (GR or CR/NC) Acceptable for credit: CSU Exploration of the history and aesthetics of the environmental/community art movement: Exhibition of student-created eco art works, installations or performances based on an important "matter" of their choosing, and exploration of a variety of media; includes community outreach projects. 1002.10</p> | F07 | Absences of any courses that teach and address the environmental art movement and issues; urgency of environmental and social justice issues; need to inform and engage students in environmental, social and political concerns of our time, to learn and understand the history and philosophies of eco-art and community activist art movement. |
| <p>BIOL 11 Principles of Biology Approved Distance Education Addendum</p> | F07 | Department would like to offer this course as an online course. |
| <p>BIOL 76 Principles of Biomanufacturing 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Development, production, recovery and analysis of biotechnology products: Tracing the path of a drug or biologic from the cell through the production facility, the final processing, and into the human body; growth characteristics of the organisms used to produce pharmaceutical proteins, and the techniques used in product recovery and product analysis. 0430.00</p> | F07 | Students participating in the Biomanufacturing program at Laney College require information about biomanufacturing companies in order to meet the workforce challenges of obtaining employment in the biomanufacturing industry. This course is designed to give students experience and understanding of the history and culture of the biotechnology industry. |
| <p>ENGL 138 Survey of Asian-American Literature 3 units, 3 hours lecture (GR or CR/NC) Prerequisite: Engl 1A Acceptable for credit: CSU, UC (pending) Survey of Asian-American literature: Chinese-American, Filipino-American, Japanese-American, Southeast Asian-American writers, and others; current and historic issues as influenced by immigration, national boundaries, hybridity, and culture. 1503.00</p> | F07 | To satisfy Associate degree, general education requirements in areas of 3, 4D and 5 and to enrich student's lives by providing a perspective on literature from an Asian-American viewpoint. |
| <p>ENGL 238 Survey of Asian-American Literature 3 units, 3 hours lecture (GR or CR/NC) Survey of Asian-American literature: Chinese-American, Filipino-American, Japanese-American, Southeast Asian-American writers, and others; current and historic issues as influenced by immigration, national boundaries, hybridity, and culture. 1503.00</p> | F07 | To satisfy Associate degree, general education requirements in areas of 3, 4D and 5 and to enrich student's lives by providing a perspective on literature from an Asian-American viewpoint. |

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

College: Laney

Date Submitted for
CIPD Approval: 4/9/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|---|-------------|--|
| <p>HUMAN 6 Introduction to the New Testament 3 units, 3 hours lecture (GR) Acceptable for credit: CSU, UC (pending) Introduction to the New Testament: Emphasis on the history, culture, teachings, and development of the New Testament and its impact on Western culture. 1599.00</p> | F07 | Once articulated this course is potentially associate degree applicable and transferable to four-year colleges and universities. |
| <p>HUMAN 7 Introduction to the Old Testament 3 units, 3 hours lecture (GR) Acceptable for credit: CSU, UC (pending) Introduction to the texts and development of the Torah, Old Testament and Apocrypha: Emphasis on the history, cultural influences, language, authorship, events, and beliefs of ancient Israel. 1599.00</p> | F07 | Once articulated this course is potentially associate degree applicable and transferable to four-year colleges and universities. |
| <p>HUMAN 16 Introduction to Islam 3 units, 3 hours lecture (GR) Acceptable for credit: CSU, UC (pending) Introduction to Islam: Emphasis on the history, major figures, texts, and guiding principles of Islam. 1599.00</p> | F07 | Once articulated this course is potentially associate degree applicable and transferable to four-year colleges and universities. |
| <p>MACH 20 CAD Solid Modeling with SolidWorks 4 units, 3 hours lecture, 3 hours laboratory (GR or CR/NC) Acceptable for credit: CSU Fundamentals of computer-aided design (CAD) using SolidWorks software: Application of SolidWorks in creating manufacturing models including solid-part models, assembly models, and engineering drawings. 0956.30</p> | F07 | 3-D solid modeling has become an important tool in CNC machining and manufacturing technology. SolidWorks is the industry leader in 3-D solid modeling. Development of this course has been strongly recommended by members of the Machine Technology Advisory Committee. Course has been offered as a selected topics course with 18 students enrolled in Spring 2007 semester. |
| <p>MATH 208 Mathematics for Laboratory Sciences 3 units, 3 hours lecture (GR or CR/NC) Prerequisite: Math 250 or 251D or 253 Applications of algebra specific to biology, biomanufacturing, and chemistry: Exponential and scientific notation, logarithms, unit analysis, solving formulas for specific variables, calculations of dosages, using percents and proportions to compute concentrations and dilutions, graphing linear and exponential equations, and descriptive statistics. 1701.00</p> | F07 | This course is designed to target the needs of students entering the Biomanufacturing program at Laney College. The combination of necessary topics is currently not available at the level required by the Biomanufacturing program. The course may also be taken by students as preparation for the following courses in the Chemistry Department: CHEM 30A or 50. |

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

College: Laney

Date Submitted for
CIPD Approval: 4/9/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|-------------|--|
| <p>PHIL 37 Introduction to Asian Philosophy 3 units, 3 hours lecture (GR) Acceptable for credit: CSU, UC (pending) Major philosophies and religions of Asia: Emphasis on the origins, myths, and basic teachings of Hinduism, Jainism, Buddhism, Taoism, Confucianism, and Shinto; special attention to current influences of Eastern philosophy and religion on Western culture. 1509.00</p> | F07 | Once articulated this course is potentially associate degree applicable and transferable to four-year colleges and universities. |
| <p>PHYSC 20 Introduction to the Marine Environment Approved Distance Education Addendum</p> | F07 | Department would like to offer this course as an online course. |

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

College: Laney

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|---|--------------|---|
| <p>BUS 255 Computer Literacy Preparation (Project Bridge) 1.5 units, 1 hour lecture, 1.5 hours laboratory (GR) Also offered as CIS 255. Not open for credit to students who have completed or are currently enrolled in CIS 255. Course study under this section may be repeated three times. Introduction to basic computer operating skills: Computer terminology, use of software programs, internet navigation skills, and use of e-mail. 0701.00</p> | F07 | <p>This class introduces students to the use of personal computers and Microsoft Office applications. Students need to learn how to use computers to succeed in future college classes. Also, students need to know basic computer concepts and applications to succeed in the world of work.</p> |
| <p>ESL 255 Beginning Reading: <u>Special Topics</u> 1 unit, 1 hour lecture (GR or CR/NC) Course study under this section may be repeated three times. Intensive reading program for high beginning or low intermediate ESL students: Reading comprehension, and discussion and written response work on a selected topic. 4930.82</p> | F07 | <p>To develop the reading skills of high beginning/low intermediate ESL students.</p> |
| <p>GRART 111 Elements and Principles of Graphic Design 3 units, 2 hours lecture, 3 hours laboratory (GR) Recommended preparation: Computer literacy or Grart 230, and Grart 131 or 132. Introduction to elements, principles, and techniques of graphic design: Elements of point, line, space and volume; principles of balance, unity, and emphasis; image generation techniques of proportion, contrast, visual impact, rhythm, and illusion; use of graphics software for project presentation. 1030.00</p> | F07 | <p>This is the first course in the "Applied Graphic Design" AA/Certificate program series. A fundamental understanding of universal design concepts is essential for graphic designers. Introduction of theoretical elements and principles and applied techniques to specific design situations are central to effective graphic design.</p> |

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

College: Laney

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|--|--------------|--|
| <p>GRART 114 Graphic Design Technology 3 units, 2 hours lecture, 3 hours laboratory (GR) Prerequisite: GRART 131 or 132, and GRART 134 and GRART 136. Technology-based orientation to file preparation dependant upon final output method: Concepts of print and electronic display limitations, file formats, image resolution and correction, color modes, file inspection, packaging, and delivery to the graphic arts service provider. 1030.00</p> | F07 | <p>This is a course in the “Applied Graphic Design” AA/Certificate program. It provides a fundamental understanding of the importance of digital file preparation and inspection. Necessary for the graphic designer is a basic understanding of the importance of correct digital file construction as dictated by the end purpose. Correct file construction has a direct influence on viability of output for mass-audience viewing whether for print graphics or electronically displayed images. A fundamental understanding of file format, image resolution requirements, color modes, media limitations and file inspections and file inspection methods enhance any graphic designer’s ability to economically produce their creations.</p> |
| <p>GRART 115 Web Site Design 3 units, 2 hours lecture, 3 hours laboratory (GR) Prerequisite: Grart 141 Introduction to web-site design from a planning perspective: Good elements of graphic design, process of design, goals of site, message, audience demographics and psychographics, content and architecture, pre-production, building and maintaining. 1030.00</p> | F07 | <p>This course will provide the knowledge and skills necessary to design, build and publish a functioning website. The course will focus on front-end website design, an aspect of website development that requires the skill and knowledge of Graphic Designers. An emphasis on production techniques, usability and accessibility will provide students with valuable resources in a competitive market.</p> |
| <p>GRART 121 Applied Graphic Design 1 3 units, 1 hour lecture, 6 hours laboratory (GR) Prerequisite: Grart 111 and 113 Corequisite: Grart 112 Recommended preparation: Computer literacy or Grart 230, and Grart 131 or 132 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. 1030.00</p> | F07 | <p>This is the first series of applied design courses where the theoretical and practical courses (GRART 11, 12 and 13) are applied to specific projects common in print graphics. An entry level graphic designer is expected to know how to put type on a page for a variety of projects such as posters, book covers, signs and broadsides. This hands-on approach is one of the most effective methods of teaching these skills.</p> |

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

College: Laney

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|--|--------------|---|
| <p>GRART 122 Applied Graphic Design 2 3 units, 1 hour lecture, 6 hours laboratory (GR) Prerequisite: Grart 111 and 112 and 113 Recommended preparation: Computer literacy or Grart 230, and Grart 31 or 32 Project-oriented class for the practical application of design theory, procedures, and processes: Advertising design for publications such as newspapers and magazines, packaging and publication design for the layout of newsletters and magazines; student-generated art using both hand and computer techniques for creation of presentation designs. 1030.00</p> | F07 | <p>This is the second in a series of applied design courses where the theoretical and practical courses (GRART 11, 12, and 13) are applied to specific projects common in print graphics. An entry level graphic designer is expected to know the fundamentals of specialty design applied in specific areas of graphic design. This course introduces the student to advertising, packaging and publications design.</p> |
| <p>GRART 123 Applied Graphic Design 3 3 units, 1 hour lecture, 6 hours laboratory (GR) Prerequisite: Grart 111 and 112 and 113 Recommended preparation: Computer literacy or Grart 230, and Grart 131 or 132 Project-oriented class for the practical application of design theory, procedures, and processes: Business graphics and corporate design, poster design, and branding for product identity and acceptance; student-generated art using both hand and computer techniques for creation of presentation designs. 1030.00</p> | F07 | <p>This is the third in a series of applied design courses where the theoretical and practical courses (GRART 11 12 and 13) are applied to specific projects common in print graphics. An entry level graphic designer is expected to know the fundamentals of specialty design applied in specific areas of graphic design. This course introduces the student to Business Graphics, Posters, and Branding.</p> |
| <p>GRART 125A Portfolio and Production Studio 4 units, 12 hours laboratory (GR or CR/NC) Prerequisite: GRART 123 or GRART 40 Application of knowledge and skills obtained in the AA/Certificate programs of either "Applied Graphic Design" or "Web Graphics": Production of a student portfolio, career search and application, and production of actual graphic projects; attendance and work ethic <u>is</u> emphasized pro-vides a transitional experience from college to a work environment. 1030.00</p> | F07) | <p>Students completing classroom lectures and projects do not have the "real job" experience needed to enter the work force. This class provides an opportunity to produce actual graphic projects for use by the Peralta district and colleges, non-profit organizations and intern style for-profit businesses. Production of a student portfolio and emphasis on career search techniques will enhance each student's opportunity of employment.</p> |

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

College: Laney

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|---|--------------|---|
| <p>GRART 125B Graphic Production Studio 4 units, 12 hours laboratory (GR or CR/NC) Prerequisite: Grart 125A or equivalent Additional application of knowledge and skills obtained in the AA/Certificate programs of either "Applied Graphic Design" or "Web Graphics": Production of actual graphic projects; attendance and work ethic emphasized provides a transitional experience from college to a work environment. 1030.00</p> | F07 | <p>Students completing classroom lectures and projects do not have the "real job" experience needed to enter the work force. This class provides additional opportunities in addition to GRART 25A to produce actual graphic projects for use by the Peralta district and colleges, non-profit organizations and intern style for-profit businesses.</p> |
| <p>GRART 33 133 Advanced Digital Documents (Quark XPress/Adobe InDesign) 2.5 units, 2 hours lecture, 2 hours laboratory (GR or CR/NC) Prerequisite: Grart 131 or 132 Application of software competencies learned in basic digital documents instruction: Production of "real world" digital documents using the professional page-layout programs, efficient file construction, advanced multi-page document construction, advanced style sheets, tabs and tables, advanced graphics and text controls, and drawing tools. 1030.00</p> | F07 | <p>Basic instruction in Digital Documents trains students in the use of page layout software common to Graphic Arts. Students completing basic instruction in Digital documents require additional practice in the form of "job typical" projects in order to prepare for employment. This class offers an opportunity to construct real life digital files simulating job experiences through a project approach.</p> |
| <p>GRART 37 137 Digital Images for Photography and Print 2.5 units, 2 hours lecture, 2 hours laboratory (GR or CR/NC) Prerequisite: Grart 136 Implementation of imaging software (Adobe Photoshop) utilized in graphic arts and photography: Tonal manipulations, image editing, color correction, file resolution, sharpening, filters, and output methods utilized in hands-on projects. 1030.00</p> | F07 | <p>With the development of digital image capture through scanning and digital photography very specialized image manipulations have developed for quality output. Purposing for either Professional Photographic Prints, Print Graphics or the Web has individually specific requirements. A core set of skills used in Adobe Photoshop are common to each and an understanding of the differences for each specific purpose is essential for Graphic Artists, Photographers and Electronically Displayed images. This course teaches tonal quality through a variety of image manipulation, enhancement, repairing and retouching techniques for both graphics and photography uses.</p> |

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

College: Laney

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|---|--------------|--|
| <p>GRART 42 142 Web Graphics (Dreamweaver) 2.5 units, 2 hours lecture, 2 hours laboratory (GR or CR/NC) Recommended preparation: Computer literacy or Grart 230 or 136 Introduction and application of software (Dreamweaver) used in web-page design and construction: Provides experience in web-page construction with emphasis on graphic appearance. 1030.00</p> | F07 | This course is designed as an essential element for students using graphic design for the World Wide Web. Graphic designers are expected to be able to develop and post web pages in today's job market. |
| <p>GRART 43 143 Web Graphics (Flash) 2.5 units, 2 hours lecture, 2 hours laboratory (GR or CR/NC) Recommended preparation: Computer literacy or Grart 230 or 136 Introduction and application of software (Flash) used in web-page design, construction and animation: Provides experience in web-page animation graphics. 1030.00</p> | F07 | This course is designed as an essential element for students using graphic design for the World Wide Web. Graphic designers are expected to be able to develop and post web pages in today's job market. |
| <p>GRART 231 Introduction to Graphic Design 3 units, 3 hours lecture (GR or CR/NC) <i>Recommended for majors and non-majors seeking a career path in Applied Graphic Design.</i> Introduction to the graphic arts industry and the role of the graphic designer: Historical aspect of graphic design, human communications, print and electronic documents, computer usage in graphic design, and design fundamentals and aesthetics. 1030.00</p> | F07 | Recent changes in technology have redefined the Graphic Arts industry and the role of the Graphic Designer has prompted this full revision of approach and content of the course. |
| <p>HUMAN 30A Human Values: Ethics Approved DE Addendum</p> | F07 | Department would like to offer this course as an online course. |
| <p>LRNRE 48GA-MZ Selected Topics in Learning Resources .5-5 units, 0-5 hours lecture, 0-15 hours laboratory (GR or CR/NC) See section on Selected Topics. 4930.00</p> | F07 | Laney would like to offer selected topics courses in this department. |
| <p>PHIL 1 Introduction to Philosophy Approved DE Addendum</p> | F07 | Department would like to offer this course as an online course. |

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

College: Laney

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|---|--------------|--|
| <p>Approved by CIPD 5/7/07: P E 202 Lifelong Health through Fitness and Conditioning .5 unit, 2 hours laboratory (GR or CR/NC) Course study under this section may be repeated three times. Focus on all physical fitness components to promote lifelong health: Aerobic fitness, muscular fitness, flexibility, and body composition through weights, cardiovascular equipment, and other fitness apparatus; emphasis is on developing and maintaining lifelong health and fitness. 0835.00</p> | <p>F07</p> | <p>The Laney Fitness Center course, offered in an open entry/open exit format, provides students opportunities to work out at their own level and at their own pace, subsequently creating a positive outlook on the ability to maintain health and fitness in their busy lives.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 1/29/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|-------------|---|
| <p>HLTOC 202 Medical Terminology II 2 units, 2 hours lecture (GR or CR/NC) Recommended preparation: Hltoc 201 Study of terminology related to body structure, pathological conditions and diseases, operative terms and techniques including laboratory/radiological diagnostic procedures. 1299.00</p> | S07 | <p>Course is required for job advancement in several medical service areas and aids in study of other biological and health science courses. Course may transfer to some four-year institutions. Note: UCN course offered by Alameda, BCC, Laney, and Merritt (approval received from other colleges for Merritt to offer course).</p> |
| <p>P E 110 Physical Fitness for Public Safety Personnel 1.5 units, 1 hour lecture, 2 hours laboratory (GR or CR/NC) Acceptable for credit: CSU Physical fitness activities for public safety personnel (police and fire): Body conditioning and fitness activities to improve muscle tone, strength and endurance, increase flexibility and joint mobility, and develop aerobic capacity; use of weight training and other apparatus with emphasis on overall improvement of the cardiovascular and muscular systems and total physical fitness of the individual. 0835.00</p> | M07 | <p>Course is designed for public safety personnel (police and fire department recruits) and is required for those students entering the Police and Fire Academy classes at Merritt College. Offered as a selected topic (PE 48ND) M06/32, F06/7, S07/8. Note: Course and program are offered only by Merritt.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 2/5/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|---|-------------|--|
| <p>CHDEV 99 Early Childhood Environmental Education 3 units, 3 hours lecture (GR or CR/NC) Also offered as Envmt 9. Not open for credit to students who have completed or are currently enrolled in Envmt 9. Acceptable for credit: CSU Introduction to early childhood environmental education: Development of safe, age/developmentally-appropriate activities that connect young children with the wonder of their natural surroundings; multidisciplinary focus on environmental education and its relationship to other aspects of early childhood education such as science, literacy, art, and music curriculum; curriculum development and strategies for preparation of successful lesson plans for classrooms, schoolyards and parks. 1305.00</p> | F07 | <p>This course satisfies a requirement in the Ranger/Naturalist Outdoor Education Certificate. Many Outdoor Education jobs require interpretive skills for dealing with young children. Young children who have close contact with nature can develop a sense of wonder towards their surroundings and their non-human neighbors. A growing body of research also indicates that children grow cognitively, emotionally, physically and socially through experiences with nature. This class will introduce students to developmentally-appropriate curriculum and teaching methods in early childhood education. Note: Course and program are offered only by Merritt.</p> |
| <p>Reinstatement: CIS 20 Microcomputer Assembly Language [Online] 4 units, 3 hours lecture, 3 hours laboratory (GR or CR/NC) Recommended preparation: CIS 3 or 6 or 12 or 26 Acceptable for credit: CSU, UC Introduction to assembly language: Input/output operations, use of files, program flow controls, interaction with OS via interrupts, pointers and arrays, strings and structured programming, and related applications. 0707.10 AA/AS area 4c</p> | F07 | <p>Reinstatement of course: Facility with assembly language is essential for a programmer; hence it is required for the Software Development degree/certificate. It is also required for virtually all Computer Science or Computer Engineering B.S. degrees. Programming in assembly language provides a grasp of computer hardware and operating system fundamentals which can be obtained in no other way. Course is transferable to the CSU/UC systems and meets AA/AS area 4c requirements. Note: Course is offered by Laney and Merritt; program is offered only by Laney.</p> |
| <p>ENVMT 8 Introduction to Ranger/Naturalist Outdoor Education 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Overview of nature/culture interpretation and education: Planning for age-, theme- and place-appropriate presentations for diverse ages and settings; resources and employment opportunities in the environmental management field. 0303.00</p> | F07 | <p>Course is required for the Ranger/Naturalist Outdoor Education Certificate and Degree. This is the required introductory course which is also useful for new students who are taking the general core and are exploring options in the Environmental Management program. Note: Course and program are offered only by Merritt.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 2/5/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|-------------|---|
| <p>ENVMT 9 Early Childhood Environmental Education 3 units, 3 hours lecture (GR or CR/NC) Also offered as Chdev 99. Not open for credit to students who have completed or are currently enrolled in Chdev 99. Acceptable for credit: CSU Introduction to early childhood environmental education: Development of safe, age/developmentally-appropriate activities that connect young children with the wonder of their natural surroundings; multidisciplinary focus on environmental education and its relationship to other aspects of early childhood education such as science, literacy, art, and music curriculum; curriculum development and strategies for preparation of successful lesson plans for classrooms, schoolyards and parks. 0303.00</p> | F07 | <p>This course satisfies a requirement in the Ranger/Naturalist Outdoor Education Certificate. Many Outdoor Education jobs require interpretive skills for dealing with young children. Young children who have close contact with nature can develop a sense of wonder towards their surroundings and their non-human neighbors. A growing body of research also indicates that children grow cognitively, emotionally, physically and socially through experiences with nature. This class will introduce students to developmentally-appropriate curriculum and teaching methods in early childhood education. Note: Course and program are offered only by Merritt.</p> |
| <p>ENVMT 18 Environmental Writing 2.5 units, 2 hours lecture, 1.5 hours laboratory (GR or CR/NC) Acceptable for credit: CSU Course study under this section may be repeated one time. Introduction to environmental writing: Application and practice, through the use of reading and writing exercises; technical, creative, descriptive, report and publicity writing types commonly used in the environmental field. 0303.00</p> | F07 | <p>Course is required for the Environmental Management and Technology Core and specialized certificates. There is a high employer demand for writing ability. This is a portal survey course which identifies student's strengths and weaknesses and indicates what additional writing courses might be recommended for an individual. Formerly offered as a selected topics course (Envst 48ND) a number of times during the 1990's (course has not been offered for the last five years). Note: Course and program are offered only by Merritt.</p> |
| <p>ENVMT 20L Introduction to Green Building and Energy Options Lab 1 unit, 3 hours laboratory (GR or CR/NC) Prerequisite or corequisite: Envmt 20 or 21 Acceptable for credit: CSU Course study under this section may be repeated three times. Hands-on use of skills learned in Green Building and Sustainable Energy Options, ENVMT 20 and 21: Community and campus lab/studio projects following the basic CSI design and construction format and showing green methods and resources; project topics cover design and installation of sustainable energy system devices, water conservation and reuse and site landscape systems, and environmentally sound building materials and practices 0303.00</p> | F07 | <p>This lab course is designed to accompany the Introduction to Green Building and Ecological Design (Envmt 20) and Sustainable Energy Options (Envmt 21) lecture courses. Course will provide opportunities for students to spend more hands-on time on sustainable technology projects. Course is required for the Environmental Management and Technology certificate (from list). Note: Course and program are offered only by Merritt.</p> |

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Date Submitted for
CIPD Approval: 2/5/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|---|-------------|---|
| <p>ENVMT 36 Introduction to Watershed Science 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Introduction to key components of watershed management protocols: Basic training for management of watershed and estuary projects, coastal and river processes, water monitoring techniques, habitat restoration techniques, geospatial technology, and community participation. 0303.00</p> | F07 | <p>This course is required for the proposed certificate in Ecological Restoration and Watershed Management and is an introduction for students interested in the process of watershed and estuary management and project work. The class is designed for the general Environmental Science student as well as Workforce Development Program training participants in partnership with the Clean Water Team of the State Water Resources Control Board, the Environmental Technology Initiative of the California Community Colleges Economic and Workforce Development Program, and Norcal Environmental Student Network. Note: Course and program are offered only by Merritt.</p> |
| <p>LANHT 29E Planting Design (Evening) 4 units, 4 hours lecture (GR or CR/NC) Prerequisite: Lanht 18A and 22A, and 3 or 3E, and 2 or 2E or 4 or 4E Acceptable for credit: CSU Plants as landscape design elements: Ecological design criteria, functional use of plants in design, plants as spatial delineators, visual and aesthetic qualities of plants, and planting design styles. Slide presentations and site analysis substituted for lab. 0109.10</p> | F07 | <p>An evening section of Lanht 29 is being added to the Landscape Horticulture program. Course offers an intensive focus on planting design that is critical to both licensed and non-licensed professionals and students. Planting design is presently only covered as one of several topics in the current design series Lanht 18A -17B, Landscape Design, or Lanht 22A -22B, Landscape Design Laboratory. Course is required for the Landscape Design and Construction certificate and degree. Note: Course and program are offered only by Merritt.</p> |
| <p>LANHT 45A Mushroom Cultivation I 2 units, 1 hours lecture, 3 hours laboratory (GR or CR/NC) Acceptable for credit: CSU Study of mushrooms in the landscape and garden for food, medicine, aesthetics, soil building, composting, and bioremediation: Relationships with plants, taxonomy, and lore; how these organisms function similarly and differently with plants; laboratory covers capture and ramping-up methods, translation of lab methods to field use. 0109.00</p> | F07 | <p>Course is required for the proposed Permaculture Certificate of Achievement. There is a demand for knowledge about the growing methods of mushrooms for food, medicine, soil building, composting, and bioremediation, and for knowledge about how these organisms, function similarly and differently with plants. Offered as a selected topic (Lanht 48OL-OM-ON): S05-16 (48OL), F05-18 (48OL), S06-33/9 (48OL-OM), F06-34/5/1 (48OL-OM-ON), S07-29/6/3 (48OL-OM-ON). Note: Courses and program are offered only by Merritt.</p> |

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| ADD: | EFF: | JUSTIFICATION: |
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| <p>LANHT 45B Mushroom Cultivation II 2 units, 1 hours lecture, 3 hours laboratory (GR or CR/NC) Acceptable for credit: CSU Continued study of mushrooms in the landscape and garden: Emphasis on applying skills and design techniques to development of individual and group mushroom cultivation projects; laboratory covers capture and ramping-up methods, translation of lab methods to field use. 0109.00</p> | F07 | “ “ ” “ |
| <p>LANHT 45C Mushroom Cultivation III 2 units, 1 hours lecture, 3 hours laboratory (GR or CR/NC) Acceptable for credit: CSU Advanced study of mushrooms in the landscape and garden: Emphasis on the development of a presentation portfolio of mushroom cultivation projects; laboratory covers capture and ramping-up methods, translation of lab methods to field use. 0109.00</p> | F07 | “ “ ” “ |

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| ADD: | EFF: | JUSTIFICATION: |
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| <p>BIOL 35 Introduction to Microscopy 5 units, 3 hours lecture, 6 hours laboratory (GR or CR/NC) Recommended preparation: Biol 10 or 1A or 2 or 3 or 4 or 20A Acceptable for credit: CSU, UC (pending) Comprehensive survey of microscopy, from brightfield, epifluorescence, confocal, multiphoton, and scanning and transmission electron microscopes, to the newest technologies: Specimen preparation (both live and fixed), plus digital-image processing; laboratory includes hands-on experience with DIC, phase and epifluorescence microscopes, plus tissue culture, and Adobe Photoshop. 0499.00 Proposed: AA/AS area 1; CSU area B2, B3; IGETC area 5B, 5C</p> | F07 | <p>This is the introductory course for the proposed Microscopy Technician program, which addresses an important opportunity: There is an escalating demand for microscopy technicians in Silicon Valley, and in biotech industries. The closest program which addresses this need is at San Joaquin Delta College in Stockton. Their graduates each pick from an average of 15 job opportunities, and they earn \$50,000-60,000/year as their starting salary. Merritt College has the faculty expertise and the equipment necessary to institute a similar program. This introductory course will also be of interest to a variety of other students, including artists, engineers, photographers, and biology majors. Note: Course is offered only by Merritt.</p> |
| <p>BIOL 60B Natural History of the Bay Area: Mt. Diablo State Park 1-5 units, 1-5 hours lecture (GR or CR/NC) Also offered as Envst 60B. Not open for credit to students who have completed or are currently enrolled in Envst 60B. Acceptable for credit: CSU Survey of the natural history of Mt. Diablo State Park: Climate, geology, geologic history, geomorphology, flora and fauna; survey techniques for field studies and conservation strategies for the endangered species of the park; includes on-site field studies at Mt. Diablo State Park. 0408.00</p> | S08 | <p>To date no community college has offered a course on Mt. Diablo State Park This course would be part of the Natural History component of the Environmental Studies program at Merritt College. Conservation of endangered species in the park will also be addressed. Note: Course is offered only by Merritt.</p> |
| <p>BIOL 60C Natural History of the Bay Area: Herpetology 4 units, 3 hours lecture, 3 hours laboratory (GR or CR/NC) Also offered as Envst 60C. Not open for credit to students who have completed or are currently enrolled in Envst 60C. Acceptable for credit: CSU Survey of the natural history of reptiles and amphibians of the Bay Area: Evolution of reptiles, amphibians and archosaurs; survey techniques for field studies and conservation strategies for the endangered herpetiles of the Bay Area; cladistics and phylogenic studies of reptiles and amphibians; lab includes on-site field studies in various Bay Area state and regional parks. 0408.00</p> | S08 | <p>To date no community college has offered a course in Herpetology of the Bay Area in spite of the demand. There are amateur Herpetological Societies and clubs within the Bay Area. This course would also be part of the Natural History component of the Environmental Studies program at Merritt College. Conservation of endangered species will also be addressed. Note: Course is offered only by Merritt.</p> |

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| ADD: | EFF: | JUSTIFICATION: |
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| <p>BUS 72 Principles of Retailing 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Retail stores from management's perspective: Principles and practices used in merchandising; operational problems of the firm; trends in merchandising; case method techniques of actual on-the-job problems. 0506.50</p> | S08 | <p>Course addition to meet requirements for the proposed Retail Clerk certificate. Note: UCN course offered by Alameda, Laney and Merritt. Approval has been given by Laney to offer the course.</p> |
| <p>CIS 200 Computer Concepts and Applications 1.5 units, 1 hour lecture, 2 hours laboratory (GR or CR/NC) Eligible for credit by exam. Introduction to computer concepts: Terminology, word processing, spreadsheets, database management, presentation graphics, and the Internet. 0702.10 AA/AS area 4c</p> | S08 | <p>Course is being added as an additional option to satisfy the GE computer literacy requirement. Course will replace the current CIS 205 course. Note: Course is to be offered by Alameda and Merritt; adopted from BCC and approved by the CIS discipline group.</p> |
| <p>ENVMT 17A-B-C-D (modular) Environmentalism in Action .5 units each module, .5 hours lecture (GR or CR/NC) Modular, open-entry/open-exit course Acceptable for credit: CSU 17A: Theory, practice, history and strategies of environmental activism: Introduction to basic principles of ecology and history of the environmental movement; theories and plans based on conservationism, biodiversity, energy and energy use, environmental justice, and jobs related to the environment. 0303.00 17B: Theory, practice, history and strategies of environmental activism: Theories of non-violence, conflict resolution and collaboration, and case studies. 0303.00 17C: Theory, practice, history and strategies of environmental activism: Skills in environmental organizing, analyzing issues and setting goals, writing skills and media, actions and collaborative planning. 0303.00 17D: Theory, practice, history and strategies of environmental activism: Development of an action plan and implementation methods. 0303.00</p> | S08 | <p>Course is required for the Environmental Management program/specialized certificates (from list). Offered as a selected topic (Envst 48OA) S03/20. Note: Course and program are offered only by Merritt.</p> |

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| ADD: | EFF: | JUSTIFICATION: |
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| <p>ENVMT 37 Watershed Teaching for K-6 .5-1 unit, .5-1 hour lecture (GR or CR/NC) Open-entry/open-exit course Acceptable for credit: CSU Course study under this section may be repeated one time for a maximum of 1 unit. Hands-on learning of environmental education strategies and curriculum for elementary school ages, focused on the local watershed area: Field study of the ecosystems of creeks and wetlands, medicinal and edible local native plant life, methods of involving students in watershed protection; activities include mapping of the local watershed, study of life in creeks and wetlands, and watershed restoration. 0303.00</p> | S08 | <p>Course meets the requirement for teachers participating in the Eco-Oakland Elementary School program. Also, it meets requirements for the proposed Ranger/Naturalist Outdoor Education and Interpretation program (from list). Offered as a selected topic (Envmt 48NC) F06/canceled due to low enrollment. Note: Course and program are offered only by Merritt.</p> |
| <p>ENVMT 48NA-TZ/248NA-TZ Selected Topics in Environmental Management and Technology .5-9 units, 0-9 hours lecture, 0-27 hours laboratory (GR or CR/NC) Acceptable for credit: CSU (48 only) See section on Selected Topics. 0303.00</p> | S08 | <p>The selected topics rubric is being added to allow for in-depth study of topics not offered as part of the regular catalog course offerings. Note: Course and program are offered only by Merritt.</p> |
| <p>ENVMT 49 Independent Study in Environmental Management and Technology .5-5 units (GR or CR/NC) Acceptable for credit: CSU Course study under this section may be repeated three times. See section on Independent Study. 0303.00</p> | F07 | <p>The independent study rubric is being added to allow for in-depth exploration of an area or problem not covered by regular catalog course offerings. Note: Course and program are offered only by Merritt.</p> |
| <p>ENVST 60B Natural History of the Bay Area: Mt. Diablo State Park 1-5 units, 1-5 hours lecture (GR or CR/NC) Also offered as Biol 60B. Not open for credit to students who have completed or are currently enrolled in Biol 60B. Acceptable for credit: CSU Survey of the natural history of Mt. Diablo State Park: Climate, geology, geologic history, geomorphology, flora and fauna; survey techniques for field studies and conservation strategies for the endangered species of the park; includes on-site field studies at Mt. Diablo State Park. 0302.00</p> | S08 | <p>To date no community college has offered a course on Mt. Diablo State Park This course would be part of the Natural History component of the Environmental Studies program at Merritt College. Conservation of endangered species in the park will also be addressed. Note: Course is offered only by Merritt.</p> |

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| <p>ENVST 60C Natural History of the Bay Area: Herpetology 4 units, 3 hours lecture, 3 hours laboratory (GR or CR/NC) Also offered as Biol 60C. Not open for credit to students who have completed or are currently enrolled in Biol 60C. Acceptable for credit: CSU Survey of the natural history of reptiles and amphibians of the Bay Area: Evolution of reptiles, amphibians and archosaurs; survey techniques for field studies and conservation strategies for the endangered herpetiles of the Bay Area; cladistics and phylogenic studies of reptiles and amphibians; lab includes on-site field studies in various Bay Area state and regional parks. 0302.00</p> | S08 | <p>To date no community college has offered a course in Herpetology of the Bay Area in spite of the demand. There are amateur Herpetological Societies and clubs within the Bay Area. This course would also be part of the Natural History component of the Environmental Studies program at Merritt College. Conservation of endangered species will also be addressed. Note: Course is offered only by Merritt.</p> |
| <p>HLTOC 255 Success Strategies for Pre-Nursing Students 4 units, 4 hours lecture (CR/NC) To be eligible to enroll, students must be admitted to or wait-listed for admission into the Associate Degree Nursing program. Course study under this section may be repeated one time. Non-degree applicable Preparation for success for a pre-licensure registered nursing program: Strategies to improve reading and study skills, test-taking and critical thinking strategies, math and calculation skills, and overview of the fundamentals of nursing; includes ATI testing of essential skills and critical thinking to identify areas of strengths and weaknesses and an on-line component. 1299.00 (Includes approved DE Addendum)</p> | M07 | <p>There is a shortage of registered nurses in the country and state. While all of the students admitted into the program meet the minimum qualifications for admission, we have had over 50% of the class fail or drop for academic deficiencies. Most of the attrition occurs in the first semester of the program. We believe our attrition is due to the fact that our students are not prepared for a full-time academic program. Students admitted to our program scored in the lowest 2-15% in ATI testing of essential skills (reading, math. etc.) and critical thinking (an extremely reliable predictor of success in nursing programs) when compared to other ADN Programs and all programs nationally. Therefore, we believe that providing resources for success before admission will help reduce our high attrition. The course will include lecture, discussion, and on-line instruction. In addition to the required classroom attendance, students will have the opportunity to work in small groups where they can focus on specific skills such as reading, test-taking, study skills, and math where remediation is needed. Note: Course and program are offered only by Merritt.</p> |

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| ADD: | EFF: | JUSTIFICATION: |
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| <p>LANHT 28C Permaculture Design III 3 units, 2 hours lecture, 3 hours laboratory (GR or CR/NC) Acceptable for credit: CSU Strategies and techniques of applied ecology/permaculture design and application for designing livable human communities: Observation of natural patterns, gardening in urban settings, water and nutrient recycling in the landscape, and an introduction to the Bay Area bioregion; emphasis on water and nutrient cycling, ecovillages, food preservation, and team student designs. 0109.10</p> | <p>S08 F07</p> | <p>Course levels are being expanded from A-B levels to A-D levels to add an advanced component to the course series. Note: Course and program are offered only by Merritt.</p> |
| <p>LANHT 28D Permaculture Design IV 3 units, 2 hours lecture, 3 hours laboratory (GR or CR/NC) Acceptable for credit: CSU Strategies and techniques of applied ecology/permaculture design and application for designing livable human communities: Observation of natural patterns, gardening in urban settings, water and nutrient recycling in the landscape, and an introduction to the Bay Area bioregion; emphasis on harvesting wild energies, appropriate technology, orchards, and individual student designs. 0109.10</p> | <p>S08 F07</p> | <p>“ “ “</p> |
| <p>LANHT 210A Landscape Design Forum I 2 units, 2 hours lecture (GR or CR/NC) Forum emphasizing professional practices in landscape design, including review of student designs for client presentation and guest speakers in the trade: Basics of contracts and professional licensing options; development of a portfolio to market services. 0109.10</p> | <p>S08 F07</p> | <p>This course offers a bridge between the classroom and the professional practice of landscape design and contracting. It allows landscape design and construction students the chance to examine topics and situations which they will likely encounter in the working world, to recognize potential opportunities and problems, to evaluate responses to such situations, and to formulate effective strategies for action. Presently there is no course in our department that cover this information. Note: Course and program are offered only by Merritt.</p> |
| <p>LANHT 210B Landscape Design Forum II 2 units, 2 hours lecture (GR or CR/NC) Forum emphasizing professional practices in landscape design, including review of student designs for client presentation and guest speakers in the trade: Strategies for estimating landscape design fees and installation costs and managing project budgets. 0109.10</p> | <p>S08 F07</p> | <p>“ “ “</p> |

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| <p>LANHT 210C Landscape Design Forum III 2 units, 2 hours lecture (GR or CR/NC) Forum emphasizing professional practices in landscape design, including review of student designs for client presentation and guest speakers in the trade: Presenting designs to clients and planning boards; developing resource lists of nurseries, suppliers, and subcontractors; continuing education opportunities in the landscape design field. 0109.10</p> | <p>S08 F07</p> | <p>“ “ “</p> |
| <p>LANHT 889 Using Stone in the Garden 0 units, 6 term hours lecture (Not graded) (Fee-based) Survey of stone as a design element in the landscape in its historic and contemporary applications: Patios, pathways, walls, follies, garden art, and alpine gardens; attention given to installation techniques with emphasis on dry laid stonework. 6822.00</p> | <p>S08</p> | <p>Stone is a natural and historical element of the garden and landscape. It has been used for such important and common aspects of the garden as paving, free-standing and retaining walls, water features, follies and ornaments as well as elements of related architectural features, since man first created gardens, indeed, since we first started manipulating the landscape. Other course offerings address specific components of the landscape and how to specify their use; i.e. Planting Design, Construction (wood and concrete), Identification classes. None addresses stone as a design element. Note: Course and program are offered only by Merritt.</p> |
| <p>LANHT 889L Using Stone in the Garden Lab 0 units, 6 term hours laboratory (Not graded) (Fee-based) Lab component to LANHT 889: Construction of a dry-stone structure on site, which may include completion of a wall; as well as construction of a dry-laid bridge over a gully or a wall. 6822.00</p> | <p>S08</p> | <p>“ “ “</p> |

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| ADD: | EFF: | JUSTIFICATION: |
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| <p>ART 210A Environmental Photography and Photo Monitoring I 1.5 units, 1.5 hours lecture (GR or CR/NC) Also offered as Envmt 210A. Not open for credit to students who have completed or are currently enrolled in Envmt 210A. Introduction to environmental photography: Historical, social, and technical uses of environmental photography and image making; hands-on introduction to beginning visual and technical methods using a camera to create and edit images on a basic level. 1002.00</p> | S08 | <p>Photography is one of the most useful tools for communication, environmental planning and tracking for a variety of projects in the environmental sciences. Course is required for the Green Building and Energy Management, Ecological Restoration and Watershed Management, Ranger/Naturalist Outdoor Education, and Urban Farming and Agroecology certificates (from list). Note: Courses and program (Environmental Management) are offered only by Merritt.</p> |
| <p>ART 210B Environmental Photography and Photo Monitoring II 1.5 units, 1.5 hours lecture (GR or CR/NC) Also offered as Envmt 210B. Not open for credit to students who have completed or are currently enrolled in Envmt 210B. Introduction to environmental photography and photo monitoring in the field: Field demonstration and projects involving selection, shooting, and editing of images; producing photo documents and shows. 1002.00</p> | S08 | “ “ “ |
| <p>ASAME 19 Racism in the United States 3 units, 3 hours lecture Also offered as Afram 19, M/Lat 6, and Natam 19. Not open for credit to students who have completed or are currently enrolled in Afram 19, M/Lat 6, or Natam 19. Acceptable for credit: CSU, UC (pending) Exploration of the development of modern racism in the United States: Economic, socio-cultural, and psychological implications; and resistances to its effects from African-American, Asian-American, Mexican and Latin-American and Native American perspectives. 2203.02 Proposed: AA/AS area 2, 5; CSU area D; IGETC area 4</p> | S08 | <p>This is an additional cross listing for Afram 19 and M/Lat 6. Note: Course is offered only by Merritt.</p> |

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| <p>ASTR 11A Introduction to Observational Astronomy 2 units, 1 hour lecture, 3 hours laboratory (GR or CR/NC) Recommended preparation: Math 201 or 210D Acceptable for credit: CSU, UC (pending) Principles of astronomy used to identify, locate, and observe astronomical objects of the night sky using telescopes and binoculars: Familiarization with the night sky and its constellations, planets, double stars, star clusters, nebula, and galaxies; the movement of stars, planets, the sun, and the moon; use of star charts; set-up and use of a variety of different types of telescopes, and use of these instruments to observe astronomical objects. 1911.00</p> | S08 | <p>Astr 11A provides instruction in selected astronomy topics coupled with hands-on observations of the night sky using telescopes and binoculars. It is for astronomy majors and non-majors alike, and the general public who are not currently enrolled, or have not previously completed Astr 1 or 10, but who are interested in observational astronomy. Note: Course is offered only by Merritt.</p> |
| <p>ASTR 11B Intermediate Observational Astronomy 2 units, 1 hour lecture, 3 hours laboratory (GR or CR/NC) Prerequisite: Astr 11A or 20 Recommended preparation: Math 201 or 210D Acceptable for credit: CSU, UC (pending) Introduction to astrophotography using telescopes and cameras to find, observe, and film astronomical objects in the night sky: Review of basic observational techniques; introduction of new techniques combining photography and telescopes to observe and film astronomical objects, digital and film cameras, imaging techniques for astronomical objects, use of cameras with and without telescopes, and the processing of digital images using computer software such as Adobe Photoshop. 1911.00</p> | S08 | <p>Astr 11B continues instruction in selected astronomy topics and observations of the night sky begun in Astr 11A or 20, using telescopes. It is for astronomy majors and non-majors alike, and the general public who successfully completed, Astr 11A or 20, and who are interested in more advanced observing. Note: Course is offered only by Merritt.</p> |
| <p>ASTR 11C Advanced Observational Astronomy 2 units, 1 hour lecture, 3 hours laboratory (GR or CR/NC) Prerequisite: Astr 11B Recommended preparation: Math 201 or 210D Acceptable for credit: CSU, UC (pending) Continuation of astrophotography using the techniques of astrometry and photometry to find, observe, and film astronomical objects in the night sky: Review of basic observational techniques, digital imaging of astronomical objects, and digital-image processing; introduction of new techniques combining photography and telescopes to identify astronomical objects and their locations (astrometry), and to obtain measures of their brightness (photometry). 1911.00</p> | S08 | <p>Astr 11C continues instruction in selected astronomy topics and observations of the night sky begun in Astr 11B using telescopes. It is for astronomy majors and non-majors alike, and the general public who successfully completed Astr 11B and who are interested in other topics in advanced observing. Note: Course is offered only by Merritt.</p> |

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| <p>BIOL 46 Introduction to Wildlife Conservation 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Envmt 25. Not open for credit to students who have completed or are currently enrolled in Envmt 25. Introduction to conservation biology, biodiversity, and wildlife observation: Biodiversity, evolution and ecosystems; conservation and field observation methods including visits to local sites to identify and observe species in their ecological context. 0401.00</p> | S08 | <p>Course is required for the Ranger Naturalist Outdoor Education, Ecological Restoration and Watershed Management certificates (from list). Note: Course and program (Environmental Management) are offered only by Merritt.</p> |
| <p>BIOL 47 Strategies for the Biology Teaching Assistant .5-1.5 units, 1.5-4.5 hours laboratory (GR or CR/NC) Open-entry/open-exit course Prerequisite or corequisite: Biol 2 or 4 or 20A or 20B or 35 or 48OF Acceptable for credit: CSU Course study under this section may be repeated two times for a maximum of 4.5 units. Laboratory preparation and design techniques: Anatomy and physiology laboratory procedures and dissection techniques, computer-based training and testing design and application, and pedagogy and student assistance. 0410.00</p> | S08 | <p>Course provides students with first-hand opportunities to learn practical laboratory skills, teaching methods, and special skills, including development of computer-based training and testing systems and cadaver dissection. This is an ideal course for anyone wishing to become an instructor, or for students who wish to apply for advanced training programs or become teaching assistants. Course has been offered as a selected topic (Biol 48NY) 4 times with enrollments of: S04/3, S05/1, S06/9, S07/4 (run concurrently with another course). Note: Course is offered only by Merritt.</p> |
| <p>COPED 456Q Occupational Work Experience in Administrative Office Systems and Applications 1-4 units, hours to be arranged (GR or CR/NC). 0514.00 Also offered as Bus 456Q. Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field. 0514.00</p> | F07 | <p>Coped 456Q is replacing Coped 456F, 456L, and 456P to standardize the program title within the District for the TOP code 0514.00 category. Note: Course is offered by all colleges in Peralta.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|---|------|--|
| <p>EMT 230 Introduction to First Responder Training 2 units, 1.5 hours lecture, 1.5 hours laboratory (GR) Introduction to first responder training: Patient assessment, ventilation and airway obstruction, circulation and CPR; illness and injury emergencies such as poisoning and substance abuse, behavioral emergencies, bleeding and soft tissue and muscle and bone injuries; childbirth, children, and geriatric emergencies; lifting and moving individuals; EMS operations, extrication and rescue operations; legal and ethical issues confronting the first responder; communications and documentation; and stress response and well-being of the first responder. 1250.00</p> | S08 | <p>Course is being offered at the request of the Oakland Fire Department to provide first responder training (pre-EMT training) to those interested in the field. The first responder functions in the context of a broader role, i.e., law enforcement, fire rescue, or industrial response. With a limited amount of equipment, the first responder answers emergency calls to provide efficient and immediate care to ill and injured individuals. Note: Course and program are offered only by Merritt.</p> |
| <p>ENVMT 16 Introduction to Healthy Community Systems 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Hltoc 16. Not open for credit to students who have completed or are currently enrolled in Hltoc 16. Introduction to healthy community systems and their impact on both human and environmental health: Exploration of how "health for all" can be built into neighborhoods and urban plans and policies; includes field projects. 0303.00</p> | S08 | <p>Course is required for the Human Ecology, Policy and Environmental Justice and Ranger Naturalist Outdoor Education certificates (from list). Note: Course and program are offered only by Merritt.</p> |
| <p>ENVMT 19 Civilization's Impact on the Environment: Psychology of Trashing the Earth 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Psych 19. Not open for credit to students who have completed or are currently enrolled in Psych 19. Introduction to civilization's impact on the environment: Connections between human psychosocial development and the creation of both environmental problems and their solutions, and human communities and their niche within and relative balance with the environment in past millennia; the human psyche, its origins in nature, and its influence on the story of life on earth; exploration of the opportunities and obstacles to planning a sustainable future. 0303.00 Proposed: AA/AS area 2</p> | S08 | <p>Course is required for the Human Ecology, Policy and Environmental Justice certificate, and the Environmental Management and Technology Core (from list). Note: Course and program are offered only by Merritt.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|------|--|
| <p>ENVMT 25 Introduction to Wildlife Conservation 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Biol 46. Not open for credit to students who have completed or are currently enrolled in Biol 46. Introduction to conservation biology, biodiversity, and wildlife observation: Biodiversity, evolution and ecosystems; conservation and field observation methods including visits to local sites to identify and observe species in their ecological context. 0303.00</p> | S08 | Course is required for the Ranger Naturalist Outdoor Education, Ecological Restoration and Watershed Management certificates (from list). Note: Course and program are offered only by Merritt. |
| <p>ENVMT 26 Introduction to Environmental Health 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Hltoc 26. Not open for credit to students who have completed or are currently enrolled in Hltoc 26. Introduction to the growing career fields of environmental health, occupational health, and public health: Emphasis on toxic pollution, environmental diseases, and ecological principles locally and internationally. 0303.00</p> | S08 | Course is required for the Human Ecology, Policy and Environmental Justice certificate (from list). Note: Course and program are offered only by Merritt. |
| <p>ENVMT 27 Ethnoecology: Ethnic Environmental Studies 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Introduction to the scientific, technical, and cultural foundations for working with various ethnic and indigenous groups to promote equity in environmental management: Examination of the diverse ecological knowledge and practices among ethnic and indigenous cultures in North America (Mexican-American and Native American), Latin America, Asia, and Africa; safeguarding the resource rights of indigenous peoples. 0303.00</p> | S08 | Course is required for the Human Ecology, Policy and Environmental Justice, and Ranger Naturalist Outdoor Education certificates (from list). Note: Course and program are offered only by Merritt. |
| <p>ENVMT 210A Environmental Photography and Photo Monitoring I 1.5 units, 1.5 hours lecture (GR or CR/NC) Also offered as Art 210A. Not open for credit to students who have completed or are currently enrolled in Art 210A. Introduction to environmental photography: Historical, social, and technical uses of environmental photography and image making; hands-on introduction to beginning visual and technical methods using a camera to create and edit images on a basic level. 0303.00</p> | S08 | Photography is one of the most useful tools for communication, environmental planning and tracking for a variety of projects in the environmental sciences. Course is required for the Green Building and Energy Management, Ecological Restoration and Watershed Management, Ranger/Naturalist Outdoor Education, and Urban Farming and Agroecology certificates (from list). Note: Courses and program (Environmental Management) are offered only by Merritt. |

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|------|--|
| <p>ENVMT 204B- 210B Environmental Photography and Photo Monitoring II 1.5 units, 1.5 hours lecture (GR or CR/NC) Also offered as Art 210B. Not open for credit to students who have completed or are currently enrolled in Art 210B. Introduction to environmental photography and photo monitoring in the field: Field demonstration and projects involving selection, shooting, and editing of images; producing photo documents and shows. 0303.00</p> | S08 | “ “ “ |
| <p>GEOG 39A Introduction to Global Positioning Systems (GPS) I .5 units, .5 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Envmt 39A. Not open for credit to students who have completed or are currently enrolled in Envmt 39A. Introduction to basic principles of Global Positioning Systems (GPS): Principles and terminology of GPS. 2206.10</p> | S08 | Courses are required for the Basic Ecological Restoration and Watershed Management certificate, and the Ranger/ Naturalist Outdoor Education basic certificate (from list). Note: Courses and program (Environmental Management) are offered only by Merritt. |
| <p>GEOG 39B Introduction to Global Positioning Systems (GPS) II .5 units, .5 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Envmt 39B. Not open for credit to students who have completed or are currently enrolled in Envmt 39B. Introduction to Global Positioning Systems (GPS) operation: GPS systems application and computer terminal operation. 2206.10</p> | S08 | “ “ “ |
| <p>GEOG 39C Introduction to Geographic Information Systems (GIS) 2 units, 2 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Envmt 39C. Not open for credit to students who have completed or are currently enrolled in Envmt 39C. Introduction to basic principles and use of Geographic Information Systems (GIS): Overview of computerized map-making, database information management, and associated computer technology; survey of common GIS software. 2206.10</p> | S08 | “ “ “ |

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|---|------|---|
| <p>HLTOC 16 Introduction to Healthy Community Systems 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Envmt 16. Not open for credit to students who have completed or are currently enrolled in Envmt 16. Introduction to healthy community systems and their impact on both human and environmental health: Exploration of how “health for all” can be built into neighborhoods and urban plans and policies; includes field projects. 1299.00</p> | S08 | <p>Course is required for the Human Ecology, Policy and Environmental Justice and Ranger Naturalist Outdoor Education certificates (from list). Note: Course and program (Environmental Management) are offered only by Merritt.</p> |
| <p>HLTOC 26 Introduction to Environmental Health 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Envmt 26. Not open for credit to students who have completed or are currently enrolled in Envmt 26. Introduction to the growing career fields of environmental health, occupational health, and public health: Emphasis on toxic pollution, environmental diseases, and ecological principles locally and internationally. 1299.00</p> | S08 | <p>Course is required for the Human Ecology, Policy and Environmental Justice certificate (from list). Note: Course and program (Environmental Management) are offered only by Merritt.</p> |
| <p>INSUR 48ND Personal Insurance Approved Distance Education Addendum</p> | S08 | <p>Addition of a DE Addendum to provide an alternative mode of delivery for the course as an online course. Note: Course is offered only by Merritt.</p> |
| <p>INSUR 48NE Commercial Insurance Approved Distance Education Addendum</p> | S08 | “ “ “ |
| <p>LANHT 890 Japanese Garden Design 0 units, 2 term hours lecture, 6 term hours laboratory (Not graded)(Fee-based) Workshop on how to use the Bay Area’s architecture to create more than just “Japanese-style” gardens, but nature-inspired garden spaces: Emphasis on everything from paths to plantings, stonework to stream and pond construction. 6822.00</p> | S08 | <p>There is an increased interest in Japanese gardens and Japanese garden design in the bay area. No other college in the surrounding area teaches a course on Japanese design solutions for bay area landscapes. This course would fit in with the design classes as well as the pruning series of courses already taught at Merritt. Course has been offered as a selected topic (Lanht 848OZ) 2 times with enrollments of: F04/19, F06/10. Note: Course and program are offered only by Merritt.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|------|---|
| <p>MEDAS 201 Introduction to Medical Assisting 18 units, 15 hours lecture, 9 hours laboratory (GR) Prerequisite: Health clearances: Physical examination, negative TB test results, and recent immunizations for diphtheria, tetanus, rubeola, rubella, mumps, and chicken pox Corequisite: Hlted 11 or CPR/BLS certification Recommended preparation: Hltoc 201 Principles and techniques to assist with patient care and examination in health care offices and clinics: Medical terminology, patient rights, preparing patient and obtaining medical histories, taking vital signs, assisting with physical exams, collecting specimens, giving injections and performing basic laboratory tests (ECG, spirometry, audiometry, and Snellen tests), maintaining examination rooms and medical instruments and equipment, and some clerical duties associated with maintaining medical records. 1208.10</p> | S08 | <p>This course has been requested by three local health clinics (the Native American, Spanish Unity Council/La Clínica de la Raza, and Asian Health clinics) who are seeking bilingual Medical Assistants to assist with the population that they each serve. This is an entry-level position to help with the needed demand in health care. There is a tremendous shortage of healthcare workers who are culturally and linguistically matched to clients. The workforce shortage in the healthcare field is particularly acute for community health clinics because they need to attract and retain workers from a limited, and in some cases, non-existent pool of bilingual/bicultural healthcare workers. Course has been offered as a selected topic (Medas 248NA) 3 times with enrollments of: F05/21, S06/27, S07/27. Note: Course is offered only by Merritt.</p> |
| <p>NATAM 19 Racism in the United States 3 units, 3 hours lecture Also offered as Afram 19, Asame 19, and M/Lat 6. Not open for credit to students who have completed or are currently enrolled in Afram 19, Asame 19, or M/Lat 6. Acceptable for credit: CSU, UC (pending) Exploration of the development of modern racism in the United States: Economic, socio-cultural, and psychological implications; and resistances to its effects from African-American, Asian-American, Mexican and Latin-American and Native American perspectives. 2203.03 Proposed: AA/AS area 2, 5; CSU area D; IGETC area 4</p> | S08 | <p>This is an additional cross listing for Afram 19 and M/Lat 6. Note: Course is offered only by Merritt.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|---|------------|---|
| <p>PSYCH 19 Civilization's Impact on the Environment: Psychology of Trashing the Earth 3 units, 3 hours lecture (GR or CR/NC) Acceptable for credit: CSU Also offered as Envmt 19. Not open for credit to students who have completed or are currently enrolled in Envmt 19. Introduction to civilization's impact on the environment: Connections between human psychosocial development and the creation of both environmental problems and their solutions, and human communities and their niche within and relative balance with the environment in past millennia; the human psyche, its origins in nature, and its influence on the story of life on earth; exploration of the opportunities and obstacles to planning a sustainable future. 2001.00 Proposed: AA/AS area 2</p> | <p>S08</p> | <p>Course is required for the Human Ecology, Policy and Environmental Justice certificate, and the Environmental Management and Technology Core (from list). Note: Course and program (Environmental Management) are offered only by Merritt.</p> |

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

College: Alameda

Date Submitted for
CIPD Approval: 4/9/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF: | JUSTIFICATION: |
|---|-------------|--|
| BUS 51 Elements of Supervision | F07 | Course has not been offered for at least five years and there are no plans to offer this course in the future. |
| BUS 56 Human Resources Management | F07 | “ “ “ |
| BUS 70 Introduction to Marketing | F07 | “ “ “ |
| BUS 71 Applied Marketing | F07 | “ “ “ |
| BUS 72 Principles of Retailing | F07 | “ “ “ |
| BUS 74 Introduction to Advertising | F07 | “ “ “ |
| BUS 75 Salesmanship | F07 | “ “ “ |
| BUS 218 Legal Secretarial Studies (Civil Litigation) | F07 | Business 216 Legal Secretarial Studies (Family/Corporate/Criminal/Real Estate) and Business 217 Legal Secretarial Studies (Probate/Personal Injury/Intellectual Property/Bankruptcy) were revised and incorporated the course content of Business 218. The Legal Secretarial Studies Certificate of Achievement was revised and Business 218 is no longer a required course for the certificate. |

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

College: Alameda

Date Submitted for
CIPD Approval: 5/7/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF: | JUSTIFICATION: |
|--|-------------|---|
| BUS 101 AL Financial Accounting Lab | F07 | This courses has not been offered recently. It has been replaced by Bus 24, Computerized Accounting Principles. |
| BUS 101BL Managerial Accounting Lab | F07 | “ “ ” |

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 4/9/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF: | JUSTIFICATION: |
|---|-------------|--|
| PHYSC 230 Introduction to Instrumentation | F07 | This course is being deactivated. It is only offered as BIOL 230, and there is no longer a need for the cross listing. |

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 5/7/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF. | JUSTIFICATION: |
|--|-------------|--|
| BIOL 230 Introduction to Instrumentation | S08 | This course is being replaced by Biol 230A and 230B. |

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

College: Laney

Date Submitted for
CIPD Approval: 1/29/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF. | JUSTIFICATION: |
|--|-------------|---|
| POSCI 4 Political Theory | F07 | This course has not been offered in the last five years and there is no current plan to include it in our curriculum. |
| POSCI 250 Student Leadership Training | F07 | This course option has only been used once within the last 5 years and does not coincide with the current curriculum offerings of the department. |

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

College: Laney

Date Submitted for
CIPD Approval: 4/9/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF: | JUSTIFICATION: |
|---|-------------|--|
| MACH 240 Machine Technology IV | F07 | This course was based on old conventional machine technology and has been replaced in the curriculum by courses reflecting current technology. |
| MACH 250A Machine Shop I | F07 | These courses, 250 series, have not been taught or offered in more than 5 years. |
| MACH 250B Machine Shop II | F07 | “ “ “ |
| MACH 250C Machine Shop III | F07 | “ “ “ |
| MACH 250D Machine Shop IV | F07 | “ “ “ |
| ESL 210 English through American Songs | F07 | ESL 210 was cancelled in Fall 1999 semester for lack of enrollment and has not been offered since. Currently, there is no interest in updating the course. |

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

College: Laney

Date Submitted for
CIPD Approval: 5/7/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | TOP # | JUSTIFICATION: |
|---|--------------|---|
| ENGL 292EA Intermediate Writing (Night Bridge) | F07 | This course is not needed for Night Bridge, and has not been offered for over 5 years. |
| GRART 20 Production Art and Design | F07 | Some curriculum was made obsolete by technology. These courses (GRART 10, 20, 30 and 40) were large unit classes (6 units each). The department wishes to split the content of these classes into 3 units each in order to allow part-time students and working students access to the degree/certificate programs. Also, this configuration will accommodate block scheduling with no appreciable cost to the College or District. |
| GRART 30 Electronic Imaging Systems | F07 | Same as above. |
| GRART 40 Digital Pre-Press Applications | F07 | Same as above. |
| GRART 220A Paste-Makeup Techniques | F07 | Curriculum was made obsolete by technology. |
| Approved by CIPD 5/7/07: GRART 220B Electronic Paste-Makeup Techniques | F07 | Same as above. |

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

College: Merritt

Date Submitted for
CIPD Approval: 1/29/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF: | JUSTIFICATION: |
|--|-------------|--|
| Art 92 Introduction to Ceramics | S07 | Course has been replaced by the variable unit (2-3 units) Art 80 course. Note: Course is offered only by Merritt. |

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

College: Merritt

Date Submitted for
CIPD Approval: 2/5/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF: | JUSTIFICATION: |
|---|-------------|--|
| ART 89, Kiln Design/Construction and Primitive Firing Methods | F07 | Course has not been offered for at least five years and there are no plans to offer it in the future. Note: Course is offered only by Merritt. |
| BIOL 101, Mono Lake and Yosemite Natural History | F07 | There are no plans to offer these courses in the future. Also, if they are ever reinstated in the future, they would be moved to and offered in the Biol 60 and 70 sequence of courses. Note: Courses are offered only by Merritt. |
| BIOL 102, Death Valley Natural History | F07 | “ “ “ |
| BIOL 103, Yosemite Winter Ecology | F07 | “ “ “ |
| BIOL 104, Grand Canyon Natural History | F07 | “ “ “ |
| BIOL 105, Pinnacles Natural History | F07 | “ “ “ |
| Approved by CIPD 2/5/07: BIOL 106, Point Reyes Natural History | F07 | “ “ “ |
| BIOL 107, Natural History of Lassen Volcanic National Park | F07 | “ “ “ |
| BIOL 108, Natural History of Sequoia and Kings Canyon National Parks | F07 | “ “ “ |
| LANHT 27A-D, Botanical Drawing | F07 | Course is cross-listed and only taught as Art 65A-D, so the Lanht listing is being deactivated. Note: Course and program are offered only by Merritt. |
| LANHT 37, Advanced Identification of California Native Plants | F07 | Course material has been incorporated into the expanded Lanht 5 course series (5A/5B/5EA/5EB), Plant Materials: Native Plants (Day and Evening, Spring and Fall series) and no longer needs to be taught as a separate course. Note: Course and program are offered only by Merritt. |
| LANHT 70, Introduction to Horticultural Therapy | F07 | Program and courses have not been offered for several years and there are no plans to offer them in the future. Note: Course and program are offered only by Merritt. |
| LANHT 71, Horticultural Crafts | F07 | “ “ “ |
| LANHT 72, Adaptive Horticulture | F07 | “ “ “ |

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

College: Merritt

Date Submitted for
CIPD Approval: 2/5/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF: | JUSTIFICATION: |
|---|-------------|--|
| LANHT 73, Horticulture for Special Populations | F07 | “ “ “ |
| LANHT 74, Therapeutic Landscape Design | F07 | “ “ “ |
| LANHT 75, Occupational Work Experience in Horticultural Therapy | F07 | “ “ “ |
| LANHT 880, Designing with Native Plants | F07 | Course has not been offered during the last five years and there are no plans to offer it in the future. Note: Course and program are offered only by Merritt. |

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

| DEACTIVATE: | EFF: | JUSTIFICATION: |
|--|-------------|--|
| ASTR 11 , Observational Astronomy | S08 | Course is being replaced by the Astr 11A, 11B, 11C sequence. |
| COPED 456F , Occupational Work Experience in Administrative Assistant | F07 | Coped 456F, 456L, and 456P are being deactivated and replaced by Coped 456Q to standardize the program title within the District for the TOP code 0514.00 category. Note: Course is offered by all colleges in Peralta. |
| COPED 456L , Occupational Work Experience in Administrative Office Systems and Applications | | |
| COPED 456P , Occupational Work Experience in Business Information Processing | | |
| Note: AA/AS area noted in bold: ADJUS 052 , TRAFFIC CONTROL AND THE LAW ADJUS 053 , CRIMINAL IDENTIFICATION ADJUS 059 , PATROL PROCEDURES ADJUS 060 , POLICE ADMINISTRATION ADJUS 204A-D , FIREARMS AFRAM 021 , AFRICAN-AMERICAN THEATER: THEORY OF ACTING/PRODUCTION (area 3, 5) AFRAM 022A-D , AFRICAN-AMERICAN THEATER: THEORY OF ACTING/PRODUCTION (area 3, 5) ASAME 020 , ASIAN-AMERICAN PEOPLES (area 2, 5) ASAME 021 , ASIAN AMERICAN COMMUNITIES (area 2, 5) ASAME 029 , CHINA IN THE 20TH CENTURY (area 2) BUS 004 , COST ACCOUNTING BUS 023 , ANALYSIS OF FINANCIAL STATEMENTS BUS 024 , COMPUTERIZED ACCOUNTING PRINCIPLES (area 4c) BUS 028 , INTRODUCTION TO STOCKS AND BONDS BUS 029A , COMPUTER APPLICATIONS IN FINANCIAL ACCOUNTING (area 4c) BUS 051 , ELEMENTS OF SUPERVISION BUS 209 , FUNDAMENTALS OF INCOME TAX BUS 240 , INTRODUCTION TO WORD PROCESSING CONCEPTS BUS 250 , BUSINESS ENGLISH CIS 240 , COMPUTER LITERACY IN HEALTH SCIENCE (area 4c) COPED 476D , OCC. WORK EXPERIENCE IN ENVIRONMENTAL HAZARDOUS MATERIALS TECHNOLOGY ECON 010 , ECONOMIC HISTORY OF THE UNITED STATES (area 2) ECON 011 , BUSINESS ECONOMICS (area 2) EHMT 011 , INTRO TO ENVIRONMENTAL HAZARDOUS MATERIALS TECHNOLOGY EHMT 012 , WASTE STREAM GENERATION/REDUCTION/TREATMENT EHMT 013A-D , HEALTH EFFECTS OF HAZARDOUS | F07 | These courses have not been offered for 5+ years and there are no plans to offer them in the future. The EMART, ENVTE and ETECH 48/248 and 49 courses are being replaced by ENVMT 48/248 and 49. |

PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007

DEACTIVATE:

EFF: JUSTIFICATION:

MATERIALS
EHMT 014, HAZARDOUS WASTE MANAGEMENT APPLICATIONS
EHMT 015, SAFETY AND EMERGENCY RESPONSE
EHMT 016, HAZARDOUS MATERIALS MANAGEMENT APPLICATIONS
EHMT 048NA-TZ, SELECTED TOPICS IN ENVIRONMENTAL HAZARDOUS MATERIALS TECHNOLOGY
EMART 046, INTRODUCTION TO ENVIRONMENTAL PLANNING
EMART 048NA-TZ, SELECTED TOPICS IN ENVIRONMENTAL MANAGEMENT/RESTORATION TECH
EMART 049, INDEPENDENT STUDY IN ENVIRONMENTAL MANAGEMENT/RESTORATION TECHNOLOGY
EMT 801, INTENSIVE TRAINING, EMERGENCY MEDICAL TECHNICIAN I
EMT 802, EMERGENCY MEDICAL TECHNICIAN - BASIC
EMT 803, EMERGENCY MEDICAL TECHNICIAN – RECERT-IFICATION
ENGIN 017, INTRODUCTION TO ELECTRICAL ENGINEERING
ENGIN 035, ENGINEERING MECHANICS-STATICS
ENGL 040, JEWISH-AMERICAN WRITERS (area 3, 4d)
ENGL 046A, SURVEY OF ENGLISH LITERATURE (area 3, 4d)
ENGL 046B, SURVEY OF ENGLISH LITERATURE (area 3, 4d)
ENGL 202, READING FOR INFORMATION
ENGL 203A, ACCELERATED ENGLISH: INTEGRATED READING AND WRITING (area 4a, 4d)
ENGL 203B, ACCELERATED ENGLISH: INTEGRATED READING AND WRITING (area 4a, 4d)
ENGL 294A-D, INTENSIVE READING IMPROVEMENT WORKSHOP
ENVST 013B, ADVANCED TOPICS IN GIS/GPS
ENVTE 048NA-TZ, SELECTED TOPICS IN ENVIRONMENTAL TECHNOLOGY
ENVTE 248NA-TZ, SELECTED TOPICS IN ENVIRONMENTAL TECHNOLOGY
ETECH 048NA-TZ, SELECTED TOPICS IN ENVIRONMENTAL DESIGN/ENERGY TECHNOLOGY
ETECH 049, INDEPENDENT STUDY IN ENVIRONMENTAL DESIGN/ENERGY TECHNOLOGY
ETECH 248NA-TZ, SELECTED TOPICS IN ENVIRONMENTAL DESIGN/ENERGY TECHNOLOGY
FORST 010, FOREST AND WILDLAND RESOURCE CONSERVATION
GEOG 005, ECONOMIC GEOGRAPHY (area 2)
GEOL 022, GEOLOGY OF THE MONTEREY BAY-BIG SUR AREA

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

College: Merritt

Date Submitted for
CIPD Approval: 5/7/07

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: SEPTEMBER 18, 2007**

DEACTIVATE:

EFF: JUSTIFICATION:

HIST 008A, HISTORY OF LATIN-AMERICAN CIVILIZATION
(area 2)

HIST 008B, HISTORY OF LATIN-AMERICAN CIVILIZATION
(area 2)

HIST 014, SAN FRANCISCO BAY AREA FROM
DISCOVERY TO PRESENT (area 2)

HIST 027, THE AGE OF WORLD WAR II (area 2)

HIST 030A, HISTORY OF ENGLAND (area 2)

HIST 030B, HISTORY OF ENGLAND (area 2)

HIST 032, THE UNITED STATES SINCE 1945 (area 2)

LANHT 811B, ADVANCED PINE PRUNING

LANHT 820, RUNING JUNIPERS

LANHT 822, CREATIVE FLORAL DESIGN

LANHT 870A-C, BEGINNING FLORAL DESIGN

LANHT 871A-C, INTERMEDIATE FLORAL DESIGN

LANHT 872A-C, ADVANCED FLORAL DESIGN

LRNRE 251A-D, PEER SUPPORTIVE SERVICES

LRNRE 275, BASIC SKILLS: COMPUTER ASSISTED
INSTRUCTION

MATH 251A-D, ARITHMETIC

MUSIC 046A-D, VOICE

MUSIC 805, PROMETHEUS ORCHESTRA

POSCI 020, CURRENT WORLD PROBLEMS (area 2)

**Council on Instruction, Planning, and Development
General Education Subcommittee**



MEMORANDUM

DATE: April 20, 2007

TO: Council on Instruction, Planning, and Development

FROM: General Education Subcommittee:
L. Alvarez-Bollentino, J. Harding, S. Pantell, S. Queen, A. Riley, C. Smith

RE: RECOMMENDED CHANGES TO 2007-2008 GENERAL EDUCATION
REQUIREMENTS FOR AA/AS DEGREES

The General Education Subcommittee met on April 13, 2007 to review proposed changes to the General Education courses required for AA/AS Degrees at the four Peralta Colleges. Each course was reviewed using the criteria contained in Peralta Community College District Board Policy 5.20, Requirements for Degrees and Certificates.

The committee recommends approval of the enclosed list of courses.

In addition, our report for 2006-07 noted our plan to review all courses on the approved General Education lists to ensure consistency in the application of standards. In completing this review in Fall 2006, we identified MUSIC 1A and MUSIC 1B, currently offered by College of Alameda, Laney College, and Merritt College, as questionable for inclusion in Area 3, Humanities. The committee felt the cultural component, noted in the requirements listed below, was not apparent in the outlines for these courses.

As stated in Implementing Board Policy 5.20, the requirements for Area 3, Humanities are:

“Courses in the humanities are those which study the cultural activities and artistic expressions of human beings. To satisfy the general education requirement in the humanities, a course should help the student develop an awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation and help the student develop aesthetic understanding and an ability to make value judgments.”

The committee therefore recommends that the respective college departments revise the outlines prior to next year’s review if they feel it is appropriate for these courses to remain in Area 3. **In order to be included in the 2008-2009 review, the Curriculum Committees at the respective colleges must approve any course that has undergone a change in content and/or objectives prior to the April 2008 meeting of the General Education Subcommittee.**

**Peralta Community College District
Associate Degree General Education Areas
2007-08 Recommendations
REVISED 5/15/07**

Area 1 – Natural Sciences

Berkeley City College

| | | |
|-------------------|--|-------|
| Additions: | PHYS 4A: General Physics with Calculus | 5 |
| | PHYS 4B: General Physics with Calculus | 5 |
| | PHYS 4C: General Physics with Calculus | 5 |
| Deletions: | BIOL 27/HLTED 27/PSYCH 12: Human Sexuality | 3/3/3 |

College of Alameda

| | | |
|-------------------|---|---|
| Additions: | None | |
| Deletions: | ATECH 21: Transportation Technology Principles | 4 |
| | BIOL 27/PSYCH 12: Human Sexuality | 3 |
| | BIOL 31: Nutrition | 3 |
| | PHYSC 10: Physical Science Survey (deactivation fall '95) | 3 |

Laney College

| | | |
|-------------------|--|---|
| Additions: | BIOL 76: Principals of Biomanufacturing | 3 |
| | PHYSC 15: Introduction to the Earth Sciences | 3 |
| Deletions: | BIOL 27/PSYCH 12: Human Sexuality | 3 |

Merritt College

| | | |
|-------------------|--|---|
| Additions: | LANHT 1E: Introduction to Landscape Horticulture (Evening) | 3 |
| Deletions: | NUTR 10: Nutrition | 4 |
| | NUTR 12: Medical Nutrition | 3 |
| | PSYCH 12: Human Sexuality | 3 |

Area 2 – Social and Behavioral Sciences

Berkeley City College

| | | |
|-------------------|---|-------|
| Additions: | BIOL 27/HLTED 27/PSYCH 12: Human Sexuality | 3/3/3 |
| | HIST 46E: History of the U.S. Media | 3 |
| | HIST 46F: History of Modern Pandemics | 3 |
| | M/LAT 30A: Survey of Latin-American Films | 3 |
| | M/LAT 30B: Survey of Latin-American Films | 3 |
| Deletions: | ANTHR 9A: History & Culture of Deaf People in America I | 3 |
| | BUS 10: Introduction to Business | 3 |
| | BUS 32/INTRD 32: Introduction to International Business | 3 |

College of Alameda

| | | |
|-------------------|----------------------------------|---|
| Additions: | None | |
| Deletions: | BUS 10: Introduction to Business | 3 |

Laney College

| | | |
|-------------------|---|---|
| Additions: | AFRAM 38: Environmental Racism and Justice | 3 |
| | POSCI 6: The U.S. Constitution and Criminal Due Process | 3 |

Area 2 (continued)

Laney College

| | | |
|-------------------|----------------------------------|---|
| Deletions: | BUS 10: Introduction to Business | 3 |
| | POSCI 4: Political Theory | 3 |

Merritt College

| | | |
|-------------------|--|---|
| Additions: | ASAME 19/NATAM 19: Racism in the United States (also listed in Area 5) | 3 |
| | CHDEV 56A: Infant/Toddler Development and Care | 3 |
| | COSER 24: Human Development | 3 |
| | ENVMT 15: Environmental Economics | 3 |
| | ENVMT 19/PSYCH 19: Civilization's Impact on the Environment: Psychology of Trashing the Earth | 3 |
| Deletions: | ASAME 20: Asian-American Peoples (also area 5) | 3 |
| | ASAME 21: Asian-American Communities (also area 5) | 3 |
| | ASAME 29: China in the 20 th Century | 3 |
| | BUS 10: Introduction to Business | 3 |
| | ECON 10: Economic History of the United States | 3 |
| | ECON 11: Business Economics | 3 |
| | GEOG 5: Economic Geography | 3 |
| | HIST 8A: History of Latin-American Civilization | 3 |
| | HIST 8B: History of Latin-American Civilization | 3 |
| | HIST 14: San Francisco Bay Area from Discovery to Present | 3 |
| | HIST 27: The Age of World War II | 3 |
| | HIST 30A: History of England | 3 |
| | HIST 30B: History of England | 3 |
| | HIST 32: The United States since 1945 | 3 |
| | POSCI 20: Current World Problems | 3 |

Area 3 – Humanities

Berkeley City College

| | | |
|-------------------|--|-----|
| Additions: | ART 14: Themes, Trends, & Traditions in World Art | 3 |
| | ENGL 138/ENGL 238: Survey of Asian-American Literature | 3/3 |
| | HIST 33: History of Native American Thought & Literature | 3 |
| | HUMAN 46/PHIL 46: Philosophy of the Human Experience | 3 |
| | HUMAN 52/WS 52: Women & Cinema | 4 |
| | HUMAN 53: Comparative Film Genres | 4 |
| | M/LAT 30A: Survey of Latin-American Films | 3 |
| | M/LAT 30B: Survey of Latin-American Films | 3 |
| Deletions: | ENGL 86: Introduction to Playwriting & Screenwriting | 3 |
| | ENGL 87: Intermediate Playwriting & Screenwriting | 3 |
| | ENGL 88: Intensive Playwriting & Screenwriting | 3 |
| | ENGL 89: Playwriting & Screenwriting: Special Projects | 3 |
| | SPAN 30A: Beginning Conversational Spanish | 3 |
| | SPAN 30B: Beginning Conversational Spanish | 3 |

Area 3 (continued)

College of Alameda

| | | |
|-------------------|--|---|
| Additions: | MUSIC 1B: Musicianship | 3 |
| Deletions: | CHIN 30A: Conversational Cantonese A | 5 |
| | CHIN 30B: Conversational Cantonese B | 5 |
| | FREN 30A: Beginning Conversational French | 5 |
| | GERM 30A: Beginning Conversational German | 3 |
| | GERM 30B: Beginning Conversational German | 3 |
| | SPAN 30A: Beginning Conversational Spanish | 3 |
| | SPAN 30B: Beginning Conversational Spanish | 3 |

Laney College

| | | |
|-------------------|---|---------|
| Additions: | ART 141: Eco Art Matters | 3 |
| | ENGL 138/238: Survey of Asian-American Literature | 3/3 |
| | HUMAN 6: Introduction to the New Testament | 3 |
| | HUMAN 7: Introduction to the Old Testament | 3 |
| | HUMAN 16: Introduction to Islam | 3 |
| | PHIL 37: Introduction to Asian Philosophy | 3 |
| Deletions: | FREN 30A: Beginning Conversational French | 3 |
| | FREN 30B: Beginning Conversational French | 3 |
| | JAPAN 50A: Conversational Japanese and Culture | 3 |
| | JAPAN 50B: Conversational Japanese and Culture | 3 |
| | SPAN 30A: Beginning Conversational Spanish | 3 |
| | SPAN 30B: Beginning Conversational Spanish | 3 |
| | THART 40A-D: Stagecraft | 3/3/3/3 |

Merritt College

| | | |
|-------------------|---|---|
| Additions: | None | |
| Deletions: | AFRAM 21: African-American Theater: Theory of Acting/ Production (<i>also area 5</i>) | 3 |
| | AFRAM 22A-D: African-American Theater: Theory of Acting/ Production (<i>also area 5</i>) | 3 |
| | ENGL 40: Jewish-American Writers (<i>also area 4d</i>) | 3 |
| | ENGL 46A: Survey of English Literature (<i>also area 4d</i>) | 3 |
| | ENGL 46B: Survey of English Literature (<i>also area 4d</i>) | 3 |
| | SPAN 30A: Beginning Conversational Spanish | 3 |
| | SPAN 30B: Beginning Conversational Spanish | 3 |
| | SWAHI 1A: Elementary Swahili | 5 |
| | SWAHI 1B: Elementary Swahili | 5 |

Area 4a – English Composition

Berkeley City College

| | |
|-------------------|------|
| Additions: | None |
| Deletions: | None |

College of Alameda

| | |
|-------------------|------|
| Additions: | None |
| Deletions: | None |

Area 4a (continued)

Laney College

Additions: None

Deletions: None

Merritt College

Additions: None

Deletions: ENGL 203A: Accelerated English: Integrated Reading and Writing (*also area 4d*) 5

ENGL 203B: Accelerated English: Integrated Reading and Writing (*also area 4d*) 5

Area 4b – Mathematics

Berkeley City College

Additions: None

Deletions: None

College of Alameda

Additions: None

Deletions: None

Laney College

Additions: MATH 208: Mathematics for Laboratory Sciences 3

Deletions: None

Merritt College

Additions: None

Deletions: None

Area 4c – Computer Literacy

Berkeley City College

Additions: CIS: All classes numbered 1 through 248, except 211 (New):
None

Deletions: None

College of Alameda

Additions: BUS 226: Word Processing for Legal Professionals 2

CIS: All classes numbered 1 through 248, except 211 (New):
CIS 200: Computer Concepts and Applications 1.5

Deletions: BUS 31A: Computer Applications in Financial Accounting
(*Deactivation F02*) 2

BUS 31B: Computer Applications in Managerial Accounting
(*Deactivation F02*) 2

Area 4c (continued)

Laney College

| | | |
|-------------------|---|-----|
| Additions: | CIS: All classes numbered 1 through 248, except 211 (New): | |
| | CIS 23: C# Programming | 4 |
| | CIS 61C: Machine Structures | 5 |
| | CIS 95A: Intro to Game Theory, Development & Programming | 4 |
| | CIS 95B: Projects in Game Theory, Development & Programming | 4 |
| | CIS 96C: Advanced Topics in Game Development & Programming | 4 |
| | CIS 96A: Intro to System/Software Security & Encryption | 4 |
| | CIS 96B: Projects in System/Software Security & Encryption | 4 |
| | CIS 96C: Advanced Topics in System/Software Security/Encryption | 4 |
| | CIS 97A: Oracle SQL and PL/SQL | 4 |
| | MACH 20: CAD Solid Modeling with SolidWorks | 4 |
| Deletions: | GRART 14B: Electronic Desktop Publishing (PageMaker) | 2.5 |

Merritt College

| | | |
|-------------------|--|-----|
| Additions: | CIS: All classes numbered 1 through 248, except 211 (New): | |
| | CIS 6: Introduction to Computer Programming | 5 |
| | CIS 200: Computer Concepts and Applications | 1.5 |
| Deletions: | BUS 24: Computerized Accounting Principles | 3 |
| | BUS 29A: Computer Applications in Financial Accounting | 1 |
| | CIS 240: Computer Literacy in Health Science | 1 |

Area 4d – Oral or Written Communication or Literature

Berkeley City College

| | | |
|-------------------|--|---|
| Additions: | COMM 4: The Dynamics of Group Discussion | 3 |
| | ENGL 138/ENGL 238: Survey of Asian-American Literature | 3 |
| | HIST 33: History of Native American Thought & Literature | 3 |
| Deletions: | None | |

College of Alameda

| | |
|-------------------|------|
| Additions: | None |
| Deletions: | None |

Laney College

| | | |
|-------------------|---|-----|
| Additions: | ENGL 138/238: Survey of Asian-American Literature | 3/3 |
| Deletions: | None | |

Merritt College

| | | |
|-------------------|--|---|
| Additions: | None | |
| Deletions: | ENGL 40: Jewish-American Writers (<i>also area 3</i>) | 3 |
| | ENGL 46A: Survey of English Literature (<i>also area 3</i>) | 3 |
| | ENGL 46B: Survey of English Literature (<i>also area 3</i>) | 3 |
| | ENGL 203A: Accelerated English: Integrated Reading and Writing (<i>also area 4a</i>) | 5 |
| | ENGL 203B: Accelerated English: Integrated Reading and Writing (<i>also area 4a</i>) | 5 |

Area 4e – Communication & Analytical Thinking

College of Alameda

Additions: None

Deletions: None

Area 5 – Ethnic Studies

Berkeley City College

Additions: ENGL 138/ENGL 238: Survey of Asian-American Literature 3

M/LAT 30A: Survey of Latin-American Films 3

Deletions: None

College of Alameda

Additions: None

Deletions: ART 8A: Ethnic Arts of Middle America 3

ART 8B: Ethnic Arts of Middle America 3

HIST 11: History & Culture of South-East Asia:
Vietnam-An American Tragedy 3

HUMAN 51A/MLAT 2A: Latin-American Folklore 3

HUMAN 51B/MLAT 2B: Latin-American Folklore 3

HUMAN 51C/MLAT 2C: Latin-American Folklore 3

Laney College

Additions: AFRAM 38: Environmental Racism and Justice 3

ENGL 138/238: Survey of Asian-American Literature 3/3

Deletions: None

Merritt College

Additions: ASAME 19/NATAM 19: Racism in the United States
(also listed in Area 2) 3

COMM 13: Ethnic Perceptions in the Mass Media
(also listed in Area 2) 3

HIST 19: History of California 3

Deletions: AFRAM 21: African-American Theater: Theory of Acting/
Production (also area 3) 3

AFRAM 22A-D: African-American Theater: Theory of Acting/
Production (also area 3) 3

ASAME 20: Asian-American Peoples (also area 2) 3

ASAME 21: Asian-American Communities (also area 2) 3



PERALTA COMMUNITY COLLEGE DISTRICT

Curriculum & Instruction Recommendations Fall 2006

Educational Services
Office of the Vice Chancellor
Presented and Approved at Board Meeting of March 13, 2007

BERKELEY CITY COLLEGE COLLEGE OF ALAMEDA LANEY COLLEGE MERRITT COLLEGE

PERALTA COMMUNITY COLLEGE DISTRICT

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Educational Services

CURRICULUM AND INSTRUCTION RECOMMENDATIONS
Fall 2006

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PROGRAM NARRATIVE SUMMARY

College of Alameda

Changes were made to the Certificate of Achievement – Legal Secretarial Studies to reflect modifications to courses.

Laney College

In response to demands of both local area high schools and the business community, the Business Education Department developed a new certificate of achievement in Entrepreneurship.

The Environmental Control Technology department and the Wood Technology department made changes to their programs to reflect changes to reflect course updates and to meet industry demands.

After discussion at the district-wide Computer Information Systems (CIS) taskforce meeting, Laney's CIS department made sweeping changes to its program to focus on programming languages and transfer courses. The core curriculum and programming majors have been updated. New programs in security and encryption, game development and internet development are in progress. All other majors are being deactivated.

SUMMARY OF CURRICULUM RECOMMENDATIONS Fall 2006

| | Alameda | Berkeley City | Laney | Merritt |
|-----------------------------------|----------|---------------|-----------|-----------|
| Program Additions | | | | |
| Credit Programs | 0 | 0 | 0 | 0 |
| Certificates of Completion | 0 | 0 | 0 | 0 |
| Certificates of Achievement | 0 | 1 | 0 | 0 |
| TOTAL | 0 | 1 | 0 | 0 |
| Program Changes | | | | |
| Credit Program Changes | 1 | 0 | 4 | 0 |
| TOTAL | 1 | 0 | 4 | 0 |
| Program Deactivations | | | | |
| Credit Program Deactivations | 0 | 0 | 8 | 0 |
| TOTAL | 0 | 0 | 0 | 0 |
| Course Additions | | | | |
| Degree Credit Course | 0 | 18 | 13 | 29 |
| Non-Degree Course | 0 | 2 | 2 | 0 |
| Non-Credit Course | 0 | 0 | 0 | 1 |
| Fee-Based Course | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 20 | 15 | 30 |
| Course Deactivations | | | | |
| Degree Credit Course | 0 | 7 | 18 | 5 |
| Non-Degree Course | 0 | 0 | 0 | 2 |
| Non-Credit Course | 0 | 0 | 0 | 0 |
| Fee-Based Course | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 7 | 18 | 7 |
| Substantive Course Changes | 7 | 3 | 16 | 39 |
| GRAND TOTAL | 8 | 31 | 53 | 76 |

Courses numbered 1-249 are degree credit courses.

Courses numbered 250-299 are non-degree credit courses.

Courses numbered 400-499 are non-degree credit (Aprpr) or degree credit (Coped).

Courses numbered 500-699 are non-credit courses.

Courses numbered 800-999 are fee-based courses.

Definitions

Program Addition: A new degree or certificate program. Requires state approval except certificates less than 18 units.

Program Change: Changes to programs including courses required for award. Requires state approval in certain circumstances.

Program Deactivation: Program will no longer be offered. Notification sent to state.

Course Additions: New course. Requires state approval in certain circumstances.

Course Deactivations: Course no longer offered by college.

Substantive Course Change: Any change to the following: department name and/or abbreviation, course number, course title, course content, pre/corequisite, hours for lecture and/or laboratory, and number of units. Does not require either Board or state approval.

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

College: Laney

Date Submitted for
CIPD Approval: 12/4/06

**PROGRAM ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | UNITS | JUSTIFICATION: |
|---|--------------|---|
| BUSINESS DEPARTMENT | | |
| Entrepreneurship Certificate of Achievement Requirements | | (1) To satisfy high school and community demands for program training in the field of entrepreneurship |
| BUS 2, Introduction to Business Law | 3 | (2) The Business Department's Business Advisory Industrial Council members recommend, support and approve the new Certificate of Achievement program in Entrepreneurship. |
| BUS 54, Small Business Management | 3 | |
| BUS 70, Introduction to Marketing | 3 | (3) The Oakland Chambers of Commerce support the Business Department's offering a Certificate of Achievement in Entrepreneurship. |
| BUS 76, E-Commerce/Entrepreneurship | 3 | |
| BUS 219, Computer Literacy | 1 | |
| BUS 239, QuickBooks Pro | 1.5 | |
| CIS 233, Introduction to Internet | 2 | |
| Total Required Units | 16.5 | |

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

College: Alameda

Date Submitted for
CIPD Approval: 11/6/06

**PROGRAM CHANGES
SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| PROGRAM CHANGE FROM: | TO: | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------|-------|--|---|---|---|---|---|--|---|---|--|--|---|-----------------------------|-----------|---|------------------|-------|--|---|---|---|--|---|-----------------------------|----------|
| <p>Certificate of Achievement: Legal Secretarial Studies</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Required Courses</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td>BUS 216, Legal Secretarial Studies – (Divorce/Corporate/Criminal/Real Estate)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BUS 217 Legal Secretarial Studies – (Probate/Wills & Trusts/Intellectual Property)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BUS 218 Legal Secretarial Studies – (Civil Litigation)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BUS 238A or CIS 238A Word Processing I</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BUS 225 The Professional Office Environment OR</td> <td></td> </tr> <tr> <td>BUS 208 Communication Skills for Technicians</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Total Required Units</td> <td style="text-align: right;">15</td> </tr> </tbody> </table> | Required Courses | Units | BUS 216, Legal Secretarial Studies – (Divorce/Corporate/Criminal/Real Estate) | 3 | BUS 217 Legal Secretarial Studies – (Probate/Wills & Trusts/Intellectual Property) | 3 | BUS 218 Legal Secretarial Studies – (Civil Litigation) | 3 | BUS 238A or CIS 238A Word Processing I | 3 | BUS 225 The Professional Office Environment OR | | BUS 208 Communication Skills for Technicians | 3 | Total Required Units | 15 | <p>Certificate of Achievement: Legal Secretarial Studies</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Required Courses</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td>BUS 216 Legal Secretarial Studies (Family/Corporate/Criminal/Real Estate)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BUS 217 Legal Secretarial Studies (Probate/Personal Injury/Intellectual Property/ Bankruptcy)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>BUS 238A or CIS 238A Word Processing I</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Total Required Units</td> <td style="text-align: right;">9</td> </tr> </tbody> </table> <p>Sept. 2006</p> | Required Courses | Units | BUS 216 Legal Secretarial Studies (Family/Corporate/Criminal/Real Estate) | 3 | BUS 217 Legal Secretarial Studies (Probate/Personal Injury/Intellectual Property/ Bankruptcy) | 3 | BUS 238A or CIS 238A Word Processing I | 3 | Total Required Units | 9 |
| Required Courses | Units | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 216, Legal Secretarial Studies – (Divorce/Corporate/Criminal/Real Estate) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 217 Legal Secretarial Studies – (Probate/Wills & Trusts/Intellectual Property) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 218 Legal Secretarial Studies – (Civil Litigation) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 238A or CIS 238A Word Processing I | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 225 The Professional Office Environment OR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 208 Communication Skills for Technicians | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Required Units | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Required Courses | Units | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 216 Legal Secretarial Studies (Family/Corporate/Criminal/Real Estate) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 217 Legal Secretarial Studies (Probate/Personal Injury/Intellectual Property/ Bankruptcy) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUS 238A or CIS 238A Word Processing I | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Required Units | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |

JUSTIFICATION for program change:

There were overlapping topics covered in Bus 216, 217, and 218. The 3 courses have been consolidated and are now covered efficiently in the revised Bus 216 and revised Bus 217. The revised certificate conforms to the needs and skills of our students.

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

College: Laney

Date Submitted for
CIPD Approval: 10/2/06

**PROGRAM CHANGES
SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| PROGRAM CHANGE FROM: | | TO: | |
|--|----------|--|----------|
| <u>ENVIRONMENTAL CONTROL TECHNOLOGY</u> | | <u>ENVIRONMENTAL CONTROL TECHNOLOGY</u> | |
| Residential and Light Commercial HVAC & R | 2 | Residential and Light Commercial HVAC & R | 2 |
| <u>FIRST SEMESTER</u> | 2 | <u>FIRST SEMESTER</u> | 2 |
| E/ET 202, Fundamentals of Electricity for ECT | | E/ET 202, Fundamentals of Electricity for ECT | |
| ECT 11, Mechanical and Electrical Devices | 1 | ECT 11, Mechanical and Electrical Devices | 1.5 |
| ECT 12, Blueprint Reading and Interpretation for ECT | 4 | ECT 12, Blueprint Reading and Interpretation for ECT | 4 |
| ECT 13, Fundamentals of Refrigeration | 2 | ECT 13, Fundamentals of Refrigeration | 3 |
| ECT 211, Mechanical and Electrical Codes | 1 | ECT 211, Mechanical and Electrical Codes | 1 |
| ECT 214, Technical Mathematics for ECT | | ECT 214, Technical Mathematics for ECT | |
| WELD 201, Welding for Other Majors | 2 | WELD 215, Welding for Technicians | |
| <u>SECOND SEMESTER</u> | 2 | <u>SECOND SEMESTER</u> | 2 |
| E/ET 221, Motors and Drives | 2 | E/ET 221, Motors and Drives | 2 |
| ECT 14, Advanced Refrigeration | | ECT 14, Advanced Refrigeration | |
| ECT 15, Refrigeration Equipment Troubleshooting | 2 | ECT 15, Refrigeration Equipment Troubleshooting | 2 |
| ECT 16, Fundamentals of Heating and Air Conditioning | 1 | ECT 16, Fundamentals of Heating and Air Conditioning | 1 |
| ECT 17, Heating and Air Conditioning Troubleshooting | 2 | ECT 17, Heating and Air Conditioning Troubleshooting | 1 |
| ECT 18, HVAC Installation Practices | | ECT 18, HVAC Installation Practices | 2 |
| ECT 28, Energy Management and Efficiency in Building Systems | 25 | ECT 28, Energy Management and Efficiency in Building Systems | 27 |
| TOTAL UNITS | | TOTAL UNITS | |

Justification: Adjusts program to reflect course updates, course revision and unit revisions. (F07)

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

College: Laney

Date Submitted for
CIPD Approval: 12/4/06

**PROGRAM CHANGES
SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| PROGRAM CHANGE FROM: | TO: |
|---|--|
| <p><u>COMPUTER INFORMATION SYSTEMS</u></p> <p>Core Curriculum: CIS 5, Introduction to Computer Science 5 CIS 6, Introduction to Computer Programming 5 CIS 201A, Introduction to Computer Hardware I 2 CIS 208A, Introduction to Operating Systems 1 Select one of the following (Foundation): CIS 3, Computer-Related Mathematics and Applications 4 CIS 30, Data Communications and Networks 4 Select one of the following (Intermediate Operating System): CIS 39A, UNIX Operating System I 4 CIS 217, Windows 2000 4 Select one of the following (Writing): BUS 201, Business Communications 3 ENGL 1A, Composition and Reading 4 ENGL 201A, Preparation for Composition and Reading 3 ENGL 201B, Preparation for Composition and Reading 3 Total Units: 24-25</p> | <p><u>COMPUTER INFORMATION SYSTEMS</u></p> <p>Core Curriculum: CIS 5, Introduction to Computer Science 5 CIS 6, Introduction to Computer Programming 5 CIS 26, C Programming 4 CIS 208A, Introduction to Operating Systems 1 CIS 208B, Operating Systems Scripting 1 CIS 234A, World Wide Web Publishing I 2 Select one of the following: CIS 30, Data Communication and Networks 4 CIS 234B, World Wide Web Publishing II 2 Select one of the following: BUS 201, Business Communications 5 ENGL 1A, Composition and Reading 4 ENGL 201A, Preparation for Composition and Reading 4 ESL 21A, Writing 5 (Composition/Reading) 5 Total Units: 23-27</p> |

Justification: District-wide agreement establishes the programming language and transferable courses at CIS Laney, effective Spring 2007. This program reflects the new offering and the needs from students and industries.

| COMPUTER INFORMATION SYSTEMS | COMPUTER INFORMATION SYSTEMS |
|---|---|
| <p>Computer Programming: CIS 20, Microcomputer Assembly Programming 4 CIS 25, Object Oriented Programming Using C++ 4 CIS 26, C Programming 4 CIS 27, Data Structures and Algorithms in C 4 Select one of the following (Application Development): CIS 36, Java Programming Language 4 CIS 67A, Interface Design Using Visual Basic 2 CIS 67B, Application Development Using Visual Basic 2 Select two of the following (Internet Programming): CIS 64, Internet Programming in JavaScript 2 CIS 65, CGI Programming 2 CIS 66, XML Documents and Applications 2 Total Units 46-49</p> | <p>Computer Programming: CIS 25, Object Oriented Programming Using C++ 4 CIS 27, Data Structures and Algorithms in C 4 CIS 36A, Java Programming I 4 CIS 39A, UNIX/LINUX Operating Systems 4 Select one of the following: CIS 20, Microcomputer Assembly Programming 4 CIS 61, Structure and Interpretation of Computer Programs 5 CIS 61C, Machine Structures 5 CIS 96A, Introduction to System/Software Security and Encryption 4 and select two of the following: CIS 3, Computer-Related Mathematics and Applications 4 CIS 36B, Java Programming II 4 CIS 64, Internet Programming in JavaScript 2 CIS 65, CGI Programming 2 CIS 66, XML Documents and Applications 2 CIS 67A, Interface Design Using Visual Basic 2 CIS 95A, Introduction to Game Theory, Development, and Programming 4 Total Units 47-56</p> |

Justification: District-wide agreement establishes the programming language and transferable courses at CIS Laney, effective 2007. This program reflects the new offering and the needs from students and industries.

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

College: Laney

Date Submitted for
CIPD Approval: 12/4/06

**PROGRAM DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

DEACTIVATE:

JUSTIFICATION:

Computer Information Systems:

Computer Information Specialist
Management Information Systems Programming
Computer Technician – Certificate of Achievement
Internet Programming – Certificate of Achievement
Software Development – Certificate of Achievement
Software Support and Testing
Software Testing – Certificate of Achievement
System Administration, Technical Support, and
Hardware Integration
Technical Administrative – Certificate of
Achievement
Web Content Creation – Certificate of Achievement

District-wide agreement establishes the programming language and transferable courses at CIS Laney, effective Spring 2007. These programs do not meet our new offering.

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 9/11/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|--|-------------------------|--|
| <p><u>COMM 4, The Dynamics of Group Discussion</u> 3.0 units, 3.0 hours lecture</p> <p>Study of communication in a group setting: Emphasis on listening, leadership, and teamwork; theoretical and experiential learning to build on individual communication skills with the goal of understanding and practicing successful group relations.</p> | <p>1506.00 S'07</p> | <p>Berkeley City College recently hired a full time Communications instructor, and we are adding this course to our offerings to further develop our curriculum in this area. The course is currently offered at COA and Merritt. B. Shapiro (BCC) has consulted with C. Campbell (COA) and H. Altman (Merritt) and they have no objections to our borrowing the course.</p> |
| <p><u>COPED 451, Occupational Work Experience</u> 1.0-4.0 units, 0.0-4.0 hours lecture, 0.0-12.0 hours lab <i>Corequisite: During regular semesters, students must enroll in a minimum of seven units including Cooperative Work Experience Education (CWEE). During summer session, students must enroll in one other class in addition to CWEE.</i></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>May be repeated 3 times.</p> | <p>4932.00 S'07</p> | <p>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 student will be required to complete Learning Objectives as an addendum to the outline. This course was adopted by Laney at the May 2006 meeting and BCC wishes to add it to their catalog as well. Consultation has occurred with M. Zamora-Kantor (Laney).</p> |
| <p><u>HIST 46E, History of the US Media</u> 3.0 units, 3.0 hours lecture <i>Acceptable for credit: CSU</i></p> <p>History of U.S. media from 1776 to present: Roles of print media, broadcast media, and the internet; relationship of media to U.S. government; international media.</p> | <p>2205.00 S'07</p> | <p>Course is the fifth in a series of current events courses designed for the AA in Global Studies approved last year. It will also broaden the scope of our offerings in line with the Social Sciences Educational Plan.</p> |
| <p><u>HIST 46F, History of Modern Pandemics</u> 3.0 units, 3.0 hours lecture <i>Acceptable for credit: CSU</i></p> <p>Survey of modern pandemics: Influenza, AIDS/HIV, Avian Flu, and others.</p> | <p>2205.00 S'07</p> | <p>Course is the sixth in a series of current events courses designed for the AA in Global Studies approved last year. It will also broaden the scope of our offerings in line with the Social Sciences Educational Plan.</p> |

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 10/02/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|---|--------------|--|
| <p><u>PE 17, Tai Chi Chuan</u> 0.5 units, 2.0 hours lab</p> <p>Activity class: Development of mind and body based on the combined principles of hardness and softness and each one overcoming the other; mastering intricate moves, gaining strength and flexibility, toning muscles, and increasing mental awareness while feeling an inner calm.</p> <p>Course study under this section may be repeated 3 times.</p> <p style="text-align: right;">0835.00</p> | S'07 | <p>Berkeley City College is preparing to offer several specialized PE courses that can be taught in the open spaces of our new building and require no gymnasium and minimal equipment. A similar course is currently offered by Merritt. Consultation has occurred with M. Compton, Linda Berry-Camara, and K. Thoman.</p> |
| <p><u>PE 40, Yoga</u> 0.5 units, 2.0 hours lab</p> <p>Activity class: Development of basic Yoga postures, conscious breathing patterns, and relaxation techniques; stretching and relaxation; and strengthening and stimulating creative energy.</p> <p>May be repeated 3 times.</p> <p style="text-align: right;">0835.00</p> | S'07 | <p>Berkeley City College is preparing to offer several specialized PE courses that can be taught in the open spaces of our new building and require no gymnasium and minimal equipment. This course is currently offered by Merritt and Laney. Consultation has occurred with M. Compton, Linda Berry-Camara, and K. Thoman (Merritt) and J. Beam and J. Lehman (Laney).</p> |

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 12/04/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|---|--------------|---|
| <p><u>ART 201, Art Destination Studies</u> 1.0 unit, 1.0 hour lecture</p> <p>Art, architectural, and archaeological heritage of selected geographic areas: Monuments, places of worship, painting, sculpture, applied arts, and folk art, as well as special collections representing the regional areas of study; impact of geography, natural resources, trade, geo-political and other historical factors, religious traditions, and ethnic diversity on the visual arts within the cultures studied.</p> <p style="text-align: right;">1001.00</p> | F'07 | <p>This is a community based art course being taught at the Berkeley Senior Center. It was originally offered as a result of research conducted to determine appropriate outreach courses within the community. There are also future plans to coordinate the topics covered with travel destinations in our Travel/Tourism program. This course has been taught as a 248 with the following enrollments: Spring 2006, 30 students; Fall 2006, 29 students. There are expected to be similar enrollments in Spring 2007. This course would replace ART 248UC and ART 248UD.</p> |
| <p><u>HUMAN 46, Philosophy of the Human Experience</u> 3.0 units, 3.0 hours lecture <i>Acceptable for credit: CSU</i></p> <p>Perennial philosophical and religious questions central to the human experience: Overview of diverse religious teachings, as well as critical investigation of philosophical perspectives regarding the nature of the self, experience, and purpose.</p> <p>Note: Cross listed as PHIL 046</p> <p style="text-align: right;">4903.00</p> | F'07 | <p>This course has been created as part of our ongoing efforts to fully develop Berkeley City College's philosophy and humanities offerings. Its focus on philosophy, religious teachings, and their effects on the human experience are particularly appropriate in light of the issues in today's world. L. Ruberto, our full time Humanities instructor, has consulted with Amir Sabezvary at Laney and Daniel Thiel at CoA, both of whom agree with our offering this course.</p> |
| <p><u>PHIL 46, Philosophy of the Human Experience</u> 3.0 units, 3.0 hours lecture <i>Acceptable for credit: CSU</i></p> <p>Perennial philosophical and religious questions central to the human experience: Overview of diverse religious teachings, as well as critical investigation of philosophical perspectives regarding the nature of the self, experience, and purpose.</p> <p>Note: Cross listed as HUMAN 046</p> <p style="text-align: right;">1509.00</p> | F'07 | <p>This course has been created as part of our ongoing efforts to fully develop Berkeley City College's philosophy and humanities offerings. Its focus on philosophy, religious teachings, and their effects on the human experience are particularly appropriate in light of the issues in today's world. L. Ruberto, our full time Humanities instructor, has consulted with Amir Sabezvary at Laney and Daniel Thiel at CoA, both of whom agree with our offering this course.</p> |

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 12/04/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|--|--------------|--|
| <p><u>COUN 48UA-COUN 48ZZ, Selected Topics in Counseling</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab <i>Acceptable for credit: CSU</i></p> <p style="text-align: right;">4930.10</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |
| <p><u>COUN 248UA-COUN 248ZZ, Selected Topics in Counseling</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab</p> <p style="text-align: right;">4930.10</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |
| <p><u>HUSV 48UA-HUSV 48ZZ, Selected Topics in Human Services</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab <i>Acceptable for credit: CSU</i></p> <p style="text-align: right;">2104.00</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |
| <p><u>HUSV 248UA-HUSV 248ZZ, Selected Topics in Human Services</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab</p> <p style="text-align: right;">2104.00</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |
| <p><u>PE 48UA-PE 48ZZ, Selected Topics in Physical Education</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab <i>Acceptable for credit: CSU</i></p> <p style="text-align: right;">0835.00</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |
| <p><u>PE 248UA-PE 248ZZ, Selected Topics in Physical Education</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab</p> <p style="text-align: right;">0835.00</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |
| <p><u>HUMAN 48UA-HUMAN 48ZZ, Selected Topics in Humanities</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab <i>Acceptable for credit: CSU</i></p> <p style="text-align: right;">4903.00</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |
| <p><u>PHIL 48UA-COUN 48ZZ, Selected Topics in Philosophy</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab <i>Acceptable for credit: CSU</i></p> <p style="text-align: right;">1509.00</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 12/04/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|--|--------------|--|
| <p><u>ASAME 48UA-ASAME 48ZZ</u>, Selected Topics in Asian and Asian American Studies 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab <i>Acceptable for credit: CSU</i></p> <p style="text-align: right;">2202.12</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |
| <p><u>AFRAM 48UA-AFRAM 48ZZ</u>, Selected Topics in African-American Studies 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab <i>Acceptable for credit: CSU</i></p> <p style="text-align: right;">2202.11</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |
| <p><u>WS 48UA-WS 48ZZ</u>, Selected Topics in Women's Studies 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab <i>Acceptable for credit: CSU</i></p> <p style="text-align: right;">2201.10</p> | F'07 | As part of the review process in anticipation of the publication of the 2007-2009 Berkeley City College Catalog, we are adding certain selected topics to our catalog to allow more flexibility in developing new courses in the future. |

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

College: Laney

Date Submitted for
CIPD Approval: 9/11/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|--|------------------|--|
| <p><u>BUS 32</u>, Introduction to International Business 3 Units, 3 hours lecture</p> <p>Overview of international business designed to provide a global perspective on international trade: Foreign investments, impact of financial markets, international marketing, and the operations of multinational corporations.</p> | 0508.00 (S07) | Adoption of UCN Course offered by Berkeley City College. Course provides students majoring in business with a survey of international business. It satisfies student and industry demand for international business operations. It can be used as an elective course for the AA in Business Administration and can also be used for CSU elective credit. |
| <p><u>BUS 76</u>, E-Commerce/Entrepreneurship 3 Units, 3 hours lecture Recommended Preparation: Business 219 or CIS 237 at Berkeley City College</p> <p>Introduction to principles of international e-commerce and entrepreneurship: Emphasis on developing a business plan for conducting online commerce; market analysis; product access; payment methods; promotion; and back-end technology requirements for creating an e-commerce site.</p> | 0509.70 (S07) | Adoption of UCN Course offered by Berkeley City College. BUS 74 satisfies student and industry demand and can be used as an elective for the AA degree in business. |
| <p><u>ENGIN 36</u>, Engineering Mechanics—Mechanics of Materials (Distance Education) 3 Units, 3 hours lecture Prerequisite: ENGIN 35</p> <p>Application of principles of statics to material: Concepts of stress, strain, and material behavior to analyze simple structural members under axial, bending, and torsional loadings. Multi-axial treatment of stresses and strains, tensor transformations, yielding and failure.</p> | 0901.00 (S07) | CIPD approved this course as a regular course in May 06 meeting. Department would like to offer this course as an online course. |
| <p><u>ESL 267</u>, ESL for Workplace Communication 2 Units, 2 hours lecture</p> <p>Development and strengthening of English language skills: Dealing with customers and work related issues and relationships.</p> | 4931.00 (S07) | Students who need customer service and vocational ESL skills can learn and practice speaking, reading, writing, grammar, and conversation. The course focuses on appropriate language used in the workplace. |
| <p><u>ECT 30</u>, Introduction to Control Systems Networking Prerequisite: ECT 21. 1 Unit, 0.5 hour lecture, 1.5 hours laboratory</p> <p>The installation and use of common digital control system networks is presented: Practices for the installation of some of the standards such as, MS/TP, ARCNET, LONWORKS, Ethernet networks, etc. will be discussed. This will also include discussion of the benefits of each type of network and diagnosis of common network problems.</p> | 0946.00 (S07) | Will be required for the Advanced Certificate and AS Degree in Environmental Control Technology. |

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

College: Laney

Date Submitted for
CIPD Approval: 10/2/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|--|--------------------------|---|
| <p><u>ECT 19</u>, Psychrometrics and Load Calculations 2 Units, 2 hours lecture Prerequisite or corequisite: ECT 22</p> <p>Analysis of the physical properties of air in Refrigeration and air Conditioning: Use of proper analytical instruments and manual load calculation and software for calculating cooling and heating loads.</p> | <p>0946.00 (F07)</p> | <p>Recommended for the Certificate program in Environmental Control Technology. Will be required for Advanced Certificate and A/S Degree in ECT when fully implemented. Recommended for enhancement of knowledge for continuing education of incumbent workers.</p> |
| <p><u>ECT 27</u>, Advanced Direct Digital Controls 2 Units, 1.5 hours lecture, 1.5 hours laboratory Prerequisite: ECT 21</p> <p>Introduction to advanced concepts and operation of DDC controls: Covers input and output devices, programming strategies and translating sequence of operation documents for an HAVC system into an operations program for a DDC system.</p> | <p>0946.00 (F07)</p> | <p>Required for the Advanced Certificate and A/S degree in ECT when fully implemented. Recommended for enhancement of knowledge for continuing education of incumbent workers.</p> |
| <p><u>WELD 251</u>, Welding for Technicians 1 Unit, 0.5 hour lecture, 1.5 hours laboratory Corequisite: ECT 13.</p> <p>Basic theory and manipulative practice of various welding and brazing methods related to Environmental Control Technology: Electric welding, brazing and soldering using oxy-acetylene and gas cutting equipment.</p> | <p>0956.50 (F07)</p> | <p>Required for the Certificate programs in Environmental Control Technology. Required for the AS Degree in Environmental Control Technology.</p> |

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

College: Laney

Date Submitted for
CIPD Approval: 11/6/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|---|--------------------------|--|
| <p><u>BUS 239</u>, QuickBooks Pro 1.5 Units, 1 hour lecture, 1.5 hours laboratory</p> <p>Introduction to QuickBooks business accounting software: Company setup, payroll, and transaction to complete the accounting cycle.</p> | <p>0514.00 (S07)</p> | <p>Adoption of UCN Course offered by College of Alameda. BUS 239 will be part of the planned Entrepreneurship Certificate. This course meets the business industry's need for accounting software knowledge. QuickBooks is one of the most widely used accounting software packages for small and medium size companies. Course has been offered as selected topics with 14 students enrolled in Fall 05, 24 in F04 and 24 in S04.</p> |
| <p><u>MATH 250</u>, Arithmetic 3 Units, 3 hours lecture Not open for credit to students who have completed or are currently enrolled in MATH 251ABCD.</p> <p>Refresher courses in the fundamental processes of whole numbers, fractions, decimals and percents; metric system introduced and incorporated throughout the arithmetic material.</p> | <p>4931.41 (S07)</p> | <p>Adopting UCN course offered by Alameda, Berkeley City College and Merritt. This course will complement the current, self-paced, arithmetic class (MATH 251ABCD) to give students the option of taking a non-self-paced class. It has been observed that a majority of arithmetic students in the self-paced classes move very slowly through the material; MATH 250 provides the same material as MATH 251ABCD, but uses a more structured approach to help students who crave or require a more disciplined format than that found in a self-paced classes. Consultation has occurred with Kelly Pernell at COA.</p> |

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

College: Laney

Date Submitted for
CIPD Approval: 12/4/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|---|--------------------------|---|
| <p><u>CIS 61C</u>, Machine Structures 5 Units, 4 hours lecture, 3 hours laboratory Prerequisite: CIS 20 and CIS 26.</p> <p>Internal organization and operation of digital computers: Machine architecture support for high level languages (logic, arithmetic, instruction sequencing) and operating systems (I/O, interrupts, memory management, process switching); elements of computer logic and CPU design; pipelined architecture and other aspects of machine parallelism; tradeoffs involved in fundamental architectural design decisions.</p> | <p>0707.10 (F07)</p> | <p>1. To provide an understanding of internal organization and operation of digital computers. The course brings students through a series of abstractions from high-level programming through machine architecture to CPU design from fundamental logic components.</p> <p>2. To provide the lower division equivalent to the University of California's Computer Science Degree requirement for a course in Machine Structures.</p> |
| <p><u>CIS 95A</u>, Introduction to Game Theory, Development, and Programming 4 Units, 3 hours lecture, 3 hours laboratory Prerequisite: CIS 26 Recommended preparation: CIS 25</p> <p>Introduction to game theory, development, and programming: Basics of game graphics, mathematics, and physics; techniques of code re-use, mix-language, and code modularization.</p> | <p>0707.10 (F07)</p> | <p>The game industries have exploded with new technologies and demands. Skills in game development and programming are in demand.</p> |
| <p><u>CIS 96A</u>, Introduction to System/Software Security and Encryption 4 Units, 3 hours lecture, 3 hours laboratory Prerequisite: CIS 26. Recommended preparation: CIS 25, CIS 36A, CIS 39A.</p> <p>Introduction to system/software security and encryption: Theory and programming practice on computer system security, security in computing, data strategy, secure software, web security, and encryption.</p> | <p>0707.10 (F07)</p> | <p>The knowledge and practice in the areas of security and safe software have been growing; they are critical for the existence of computer systems, software applications, and Internet technologies. There is demand in these areas.</p> |
| <p><u>LRNRE 30</u>, Introduction to Tutoring 1 Unit, 1 hour lecture</p> <p>Introduction to the methods of effective tutoring: Responsibilities, questioning and modeling techniques, learning styles and strategies, study skills and strategies, leading small group sessions, cultural awareness, and tutoring in specific subject areas.</p> | <p>0802.00 (F07)</p> | <p>This course fills a need to provide training for tutors. It also provides an opportunity for students interested in tutoring and/or teaching to study the discipline.</p> |

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

College: Laney

Date Submitted for
CIPD Approval: 12/4/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | TOP # | JUSTIFICATION: |
|---|------------------|---|
| <u>WDTEC 40</u> , Computer-Assisted Machining in the Cabinet-making Industry 4 Units, 2 hours lecture, 6 hours laboratory Prerequisite: WDTEC 30 Fundamentals of computer-assisted machining techniques found in the modern cabinet shop: Lecture, demonstration and hands-on practice with software and CNC machinery commonly used in the woodworking industry. | 0952.50 (S07) | Required for (two-year) Certificate of Completion in Wood Technology. Needed to address changes in technology now current in local woodworking industry. Recommended by Wood Tech Advisory committee. |

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

College: Merritt

Date Submitted for
CIPD Approval: 9/11/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|---|-------------|---|
| <p>Reinstatement: ART 41, +Basic Design 2 units, 1 hour lecture, 3 hours laboratory Acceptable for credit: CSU, UC (pending) Course study under this section may be repeated one time. 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</p> | F06 | <p>Course meets AA degree (Laney: Ceramics, Communication Graphics, Fine Arts; BCC: Figure Drawing) and transfer requirements and is being added as an additional course to Merritt's Art program. Note: UCN course offered by Alameda, BCC, Laney, and Merritt.</p> |
| <p>CHDEV 91, +The Infant/Toddler Laboratory 4 units, .5 hours lecture, 10.5 hours laboratory Corequisite: Chdev 56A or 56B Acceptable for credit: CSU Integration of theory and practice in teaching and guidance of infants and toddlers: Practicum under supervision and application of techniques in meeting individual and group needs of infants, toddlers and their families. 1305.90</p> | F06 | <p>This course will be used as a training laboratory for students to provide infant and toddler child care to Peralta's Children's Center at Merritt College. The course satisfies part of the state requirement for the Children's Center Permit and provides students with the opportunity to use their academic training and to apply it in a realistic setting with infants and toddlers, from birth to age three. Course will be added to the list of required electives for the Child Development AA, Teacher and Associate Teacher certificates. Note: Course and program are offered only by Merritt.</p> |
| <p>ESL 23, +Reading 5 4 units, 4 hours lecture Prerequisite: ESL 203B or appropriate placement through multiple-measures assessment Acceptable for credit: CSU Advanced level of reading for students planning to take English 1A: Analytical and critical reading of college-level materials. 4930.81</p> | S07 | <p>ESL students often have difficulty in understanding and analyzing the reading materials of college transfer classes, such as English 1A and 1B. This course is intended to provide strategies and experience for reading analytically and critically, and to fill in background cultural information that foreign-born students might lack. Note: UCN course offered by Laney and Merritt and approved for Merritt by the Peralta ESL Advisory Committee.</p> |
| <p>LANHT 40E, +Plant Materials: Mediterranean, South African and Australian Plant ID and Culture (Evening) 3 units, 3 hours lecture Recommended preparation: Lanht 1 or 1E, and 23 Not open for credit to students who have completed or are currently enrolled in Lanht 40. Acceptable for credit: CSU, UC (pending) Identification and culture of Mediterranean, South African and Australian plants used in the landscape: Climate, soil, and water preferences; garden culture; pest and disease problems; and pruning and propagation. Slide presentations substituted for lab. 0109.00</p> | S07 | <p>Course is an elective within the Landscape Horticulture curriculum. It is a general-interest class to anyone interested in the identification, plant characteristics, and culture of Mediterranean, South African and Australian plants in the landscape. Note: Course and program offered only by Merritt.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 9/11/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|-------------|--|
| <p><u>LANHT 209, +Irrigation Troubleshooting and Repair</u> 1 unit, 3 hours laboratory Corequisite: Lanht 17 or 17E Troubleshooting strategies for irrigation systems including controller problems: Repair techniques for all irrigation systems including rotor, impact, spray and drip. 0109.00</p> | S07 | <p>This is the only course of its kind offered in the Bay Area. Irrigation systems are common in our region, and there is a strong need to troubleshoot them and repair them. The Landscape Horticulture Department's irrigation design course (Lanht17) only touches briefly on repair and problem solving. Course is required for Landscape Horticulture (from list). Offered as a selected topic (Lanht 248NF): S02/20, S03/17. Note: Course and program are offered only by Merritt.</p> |
| <p><u>PHYS 20A, +Calculus Supplement for Physics</u> 1 unit, 1 hour lecture Prerequisite: Math 50 or 52C Corequisite: Phys 2A or 4A Acceptable for credit: CSU, UC (pending) Calculus supplement to the mathematical tools of physics employed in PHYS 2A or PHYS 4A: Introduction to limits, derivatives, and anti-derivatives applied to one-, two-, and three-dimensional kinematics; maxima and minima; force formulated as the time derivative of momentum; integrals applied to finding centers of mass; rotational kinematics using derivatives and integrals; calculating moment of inertia; solving oscillatory systems with differential equations; integrations in hydrostatic systems, center of pressure, thermodynamic integrals and useful work. 1902.00 Proposed: With Physics 2A, transfers as physics course with calculus to CSU, UC</p> | S07 | <p>This course adds calculus to the mathematical tools employed in Physics 2A (General Physics, algebra-based). Architecture and life science majors transferring to UC Berkeley, and some life science students transferring to other universities, are now being required to have the Physics 2A curricula, but at a calculus mathematical level. The course will also serve as a supplement for students taking the first-semester calculus course concurrently with Physics 4A, rather than sequentially, as recommended. Note: Course is offered only by Merritt; course addition for Merritt agreed to by Peralta Physics faculty.</p> |
| <p><u>PHYS 20B, +Calculus Supplement for Physics</u> 1 unit, 1 hour lecture Prerequisite: Phys 20A Corequisite: Phys 2B Acceptable for credit: CSU, UC (pending) Calculus supplement to the mathematical tools of physics employed in PHYS 2B: Fundamentals of integration, Riemann sums, and fundamental theorem; using integration and Gauss's Law to determine electric fields, electric potential, and capacitance and Ampere's Law to determine magnetic fields; and using differential equations to solve for RC, LR, LC, and LRC circuits, and for radioactive decay. 1902.00 Proposed: With Physics 2B, transfers as physics course with calculus to CSU, UC</p> | S07 | <p>This course adds calculus to the mathematical tools employed in Physics 2B (General Physics, algebra-based). Architecture and life science majors transferring to UC Berkeley, and some life science students transferring to other universities, are now being required to have the Physics 2B curricula, but at a calculus mathematical level. Note: Course is offered only by Merritt; course addition for Merritt agreed to by Peralta Physics faculty.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 10/2/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|---|-------------|---|
| <p>Reinstatement (Online course): CIS 6, +Introduction to Computer Programming 5 units, 4 hours lecture, 3 hours laboratory Recommended preparation: CIS 5 Acceptable for credit: CSU, UC (pending) Introduction to computer programming: Algorithm design, flow charting, and debugging; elements of good programming style. Course may be instructed in any programming language. 0707.10 AA/AS area 4c</p> | S07 | <p>Reinstatement of course so that Merritt can offer it in the online mode. Note: UCN course offered by Alameda, BCC, Laney and Merritt.</p> |
| <p>ENVMT 501, ++Sustainable Environmental Systems Projects (Non-Credit) 0 units, 1-3 hours lecture, 1-3 hours laboratory Open-entry/open-exit course. Course study under this section may be repeated as needed. Study of the disruption to the world's climate, health, and natural ecology by modern industrial, government, and city policy: Institution of sustainable environmental policies on all levels from small local businesses to the national government; environmental management systems, techniques, products and policies; and skills necessary to contribute to the sustainability effort. 0303.00</p> | S07 | <p>This course will provide Peralta College District faculty, staff, students and community members an opportunity to learn impact analysis, planning and implementation of cost and environmental resource savings as needed for their employment and community projects in the emerging environmental sustainability field. Note: Course and program are offered only by Merritt.</p> |
| <p>Corrected Entry: CHDEV 91, +The Infant/Toddler Laboratory 4.5 units, 1.5 hours lecture, 9 hours laboratory Corequisite: Chdev 56A or 56B Acceptable for credit: CSU Integration of theory and practice in teaching and guidance of infants and toddlers: Practicum under supervision and application of techniques in meeting individual and group needs of infants, toddlers and their families. 1305.90</p> | F06 | <p>This is a correction to the course entry approved at the 9/11/06 CIPD meeting (units/hours corrected). This course will be used as a training laboratory for students to provide infant and toddler child care to Peralta's Children's Center at Merritt College. The course satisfies part of the state requirement for the Children's Center Permit and provides students with the opportunity to use their academic training and to apply it in a realistic setting with infants and toddlers, from birth to age three. Course will be added to the list of required electives for the Child Development AA, Teacher and Associate Teacher certificates. Note: Course and program are offered only by Merritt.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 10/2/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|-------------|---|
| <p>ESL 273, ++ESL through Computers 2/3 3 units, 3 hours lecture Non-degree applicable Course study under this section may be repeated one time. Low Intermediate ESL through computers: Designed for ESL students who have low intermediate and intermediate English ability and want to develop their English skills while learning computer functions. 4930.82</p> | S07 | <p>Students whose first language is not English have difficulty in listening, reading, grammar, spelling and writing as well as understanding instructions in classes. Because of these problems, ESL students benefit from computer-based instruction tailored to their individual needs as second-language learners. In order to prepare these students for the world of work and to teach them computer skills necessary for completing classroom assignments, it is essential that they have access to a computer lab designed to address their special needs. In addition, this course will allow students to improve all basic English skills. The course is replacing the existing ESL 271A-C and 272A-C open-entry/open-exit, variable-unit courses. Students at this level need a more structured lecture format and need to attend class for the maximum hours and units to meet performance objectives. Note: Course is offered only by Merritt.</p> |
| <p>ESL 294, ++Basic ESL Skills 5 units, 5 hours lecture Non-degree applicable Course study under this section may be repeated one time. Basic level English as a Second Language course designed for those with little or no English skills: Focus on very basic grammar, writing, and reading lifeskills such as personal information, everyday activities, and feelings/emotions. 4930.82</p> | S07 | <p>This course is designed for those students who have little or no English skills. It is at the pre-level 1 level within the District. The class is needed to prepare students to enter the regular ESL program, levels 1-6. The course is replacing the existing ESL 290A-C open-entry/open-exit, variable-unit course. Students at this level need a more structured lecture format and need to attend class for the maximum hours and units to meet performance objectives. Note: Course is offered only by Merritt.</p> |
| <p>FORST 49, +Independent Study in Forestry .5-5 units Course study under this section may be repeated three times. See section on Independent Study. 0114.00</p> | F06 | <p>Course addition to permit students the opportunity to explore in depth an area or problem of his/her choice not covered by regular catalog offerings. Note: Course is offered only by Merritt.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 11/6/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|---|-------------|---|
| <p><u>BIOL 62F</u>, + Natural History of the Klamath-Siskiyou Mountains .5-2 units, .5-2 hours lecture Acceptable for credit: CSU Also offered as Envst 62F. Not open for credit to students who have completed or are currently enrolled in Envst 62F. Introduction to the natural history of the Klamath-Siskiyou Mountains: Climate, geology, geologic history, geomorphology, plants and animals and their interactions, and conservation issues of the Klamath-Siskiyou region of northern California and southern Oregon; emphasis on the biodiversity of the region, which has the highest diversity of coniferous tree species in North America due to its being a refugium during the Ice Ages. 0408.00</p> | F07 | <p>This course continues a series of courses under this rubric on the natural history of selected areas of California. All previous courses under this heading have had high student interest and good enrollments. Current students in our field natural history program have suggested this new course as an appropriate subject and have expressed great interest in taking it when offered in Fall 2007. This region has the highest diversity of coniferous tree species in North America due to its being a refugium during the Ice Ages. Thus it is of great botanical importance and interest. Note: Course and program are offered only by Merritt.</p> |
| <p><u>ENVST 62F</u>, + Natural History of the Klamath-Siskiyou Mountains .5-2 units, .5-2 hours lecture Acceptable for credit: CSU Also offered as Biol 62F. Not open for credit to students who have completed or are currently enrolled in Biol 62F. Introduction to the natural history of the Klamath-Siskiyou Mountains: Climate, geology, geologic history, geomorphology, plants and animals and their interactions, and conservation issues of the Klamath-Siskiyou region of northern California and southern Oregon; emphasis on the biodiversity of the region, which has the highest diversity of coniferous tree species in North America due to its being a refugium during the Ice Ages. 0302.00</p> | F07 | <p>This course continues a series of courses under this rubric on the natural history of selected areas of California. All previous courses under this heading have had high student interest and good enrollments. Current students in our field natural history program have suggested this new course as an appropriate subject and have expressed great interest in taking it when offered in Fall 2007. This region has the highest diversity of coniferous tree species in North America due to its being a refugium during the Ice Ages. Thus it is of great botanical importance and interest. Note: Course and program are offered only by Merritt.</p> |

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

College: Merritt

Date Submitted for
CIPD Approval: 12/4/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|-------------|--|
| <u>ADJUS 22, Concepts of Criminal Law</u> Approved Distance Education Addendum (Online) 3 units, 3 hours lecture | S07 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course and program are offered only by Merritt. |
| <u>BUS 10, Introduction to Business</u> Approved Distance Education Addendum (Online) 3 units, 3 hours lecture | F06 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered by Alameda, Berkeley, Laney, and Merritt. |
| <u>BUS 50, Principles of Management</u> Approved Distance Education Addendum (Online) 3 units, 3 hours lecture | F06 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered only by Merritt. |
| <u>BUS 54, Small Business Management</u> Approved Distance Education Addendum (Online) 3 units, 3 hours lecture | S07 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered by Alameda, Berkeley, Laney, and Merritt. |
| <u>CIS 1, Introduction to Computer Information Systems</u> Approved Distance Education Addendum (Online) 4 units, 3 hours lecture, 3 hours laboratory | F06 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered by Alameda, Berkeley, Laney, and Merritt. |
| <u>CIS 5, Introduction to Computer Science</u> Approved Distance Education Addendum (Online) 5 units, 4 hours lecture, 3 hours laboratory | F06 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered by Alameda, Berkeley, Laney, and Merritt. |
| <u>CIS 42, Introduction to Spreadsheet Applications</u> Approved Distance Education Addendum (Online) 4 units, 3 hours lecture, 3 hours laboratory | S07 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered by Alameda, Laney, and Merritt (BCC offers CIS 42A and 42B). |

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

College: Merritt

Date Submitted for
CIPD Approval: 12/4/06

**COURSE ADDITIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| ADD: | EFF: | JUSTIFICATION: |
|--|-------------|--|
| <u>CIS 233, Introduction to the Internet</u> Approved Distance Education Addendum (Online) 2 units, 1.5 hours lecture, 1.5 hours laboratory | F06 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered by Alameda, Laney, and Merritt (BCC offers CIS 237). |
| <u>CIS 234D, Web Authoring</u> Approved Distance Education Addendum (Online) 2 units, 1.5 hours lecture, 1.5 hours laboratory | S07 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered by Alameda and Merritt. |
| <u>INSUR 48NA, Introduction to Insurance</u> Approved Distance Education Addendum (Online) 3 units, 3 hours lecture | S07 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered only by Merritt. |
| <u>INSUR 48NB, Ethics for the Insurance Industry</u> Approved Distance Education Addendum (Online) 3 units, 3 hours lecture | S07 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered only by Merritt. |
| <u>INSUR 48NC, Principles of Property and Liability Insurance</u> Approved Distance Education Addendum (Online) 3 units, 3 hours lecture | S07 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered only by Merritt. |
| <u>POSCI 1, Government and Politics in the United States</u> Approved Distance Education Addendum (Online and TV) 3 units, 3 hours lecture | F06 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered by Alameda, Berkeley, Laney, and Merritt. |
| <u>PSYCH 1A, Introduction to General Psychology</u> Approved Distance Education Addendum (Online) 3 units, 3 hours lecture | F06 | To offer course in an alternative format for students who cannot attend, due to time/schedule conflicts or transportation issues, the regular on-campus class. Note: Course is offered by Alameda, Berkeley, Laney, and Merritt. |

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 9/11/06

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| DEACTIVATE: | TOP # | JUSTIFICATION: |
|---|-----------------|--|
| <p><u>MATH 210A-D, Elementary Algebra (Lab)</u> 1.0-4.0 units, 3.0-12.0 hours lab <i>Prerequisite for MATH 210A: MATH 250 or MATH 251D or MATH 253 or MATH 225 with a grade of C or better, or appropriate placement using a multiple measures assessment process. Prerequisite for MATH 210B: MATH 210A with a grade of C or better. Prerequisite for MATH 210C: MATH 210B with a grade of C or better. Prerequisite for MATH 210D: MATH 210C with a grade of C or better.</i></p> <p>Real number properties, four basic operations with integers and rational numbers, solutions of linear equations (210A). Applications utilizing first- degree equations, the four basic operations with polynomials, integral exponents, factoring (210B). Algebraic fractions, graphs of linear equations, solutions of linear systems(210C). Solutions of first-degree inequalities, graphs of linear inequalities in two variables, radical expressions solutions to quadratic equations (210D).</p> | 1701.00 F'06 | This course has not been offered in more than 5 years by our Math Department and is thus being deactivated at their request. |
| <p><u>MATH 211A-D, Intermediate Algebra (Lab)</u> 1.0-4.0 units, 3.0-12.0 hours lab 3-12 hours lab. <i>Prerequisite for MATH 211A: MATH 201 or MATH 210D or [Math 204B] or appropriate placement using a multiple measures assessment process. Recommended Preparation for MATH 211A: MATH 202, with a grade of C or better. Prerequisite for MATH 211B: MATH 211A, with a grade of C or better. Prerequisite for MATH 211C: MATH 211B, with a grade of C or better. Prerequisite for MATH 211D: MATH 211C, with a grade of C or better. Not open for credit to students who have completed or are currently enrolled in Math 203.</i></p> <p>Real number properties/operations, absolute value equations, solutions/graphs of linear equations in 1 & 2 variables, equations of lines (A). Polynomial operations & advanced factoring, rational expressions & equations, exponents & radicals, complex numbers (B). Quadratic equations, conics, systems of linear & quadratic equations, determinants (C). Solutions and graphs of first-degree, quadratic & rational inequalities, exponential & logarithmic functions, sequences and series (D).</p> | 1701.00 F'06 | This course has not been offered in more than 5 years by our Math Department and is thus being deactivated at their request. |

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

College: Berkeley City College

Date Submitted for
CIPD Approval: 12/4/06

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| DEACTIVATE: | TOP # | JUSTIFICATION: |
|---|-----------------|--|
| <p><u>ANTHR 9A, History and Culture of Deaf People in America I</u> 3.0 units, 3.0 hours lecture <i>Not open for credit to students who have completed or are currently enrolled in ASL 55A. Acceptable for credit: UC/CSU</i></p> | 2202.00 S'07 | This course has not been offered in ANTHR in more than 5 years. The course is cross listed with ASL 55A which is offered regularly and successfully and is NOT being deactivated. |
| <p><u>FINAR 48UA-FINAR 48ZZ, Selected Topics in Fine Arts and Applied Arts</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab <i>Acceptable for credit: CSU</i></p> | 1001.00 S'07 | We have no courses in Fine and Applied Arts. As our plans are to offer all our arts programs in specific disciplines (e.g. Art, Music), we are deactivating these courses from our catalog. |
| <p><u>FINAR 248UA-FINAR 248ZZ, Selected Topics in Fine Arts and Applied Arts</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab</p> | 1001.00 S'07 | We have no courses in Fine and Applied Arts. As our plans are to offer all our arts programs in specific disciplines (e.g. Art, Music), we are deactivating these courses from our catalog. |
| <p><u>FLANG 48UA-FLANG 48ZZ, Selected Topics in Fine Arts and Applied Arts</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab <i>Acceptable for credit: CSU</i></p> | 1101.00 S'07 | We have no courses in Foreign Languages. As our plans are to offer all our language programs in specific disciplines (e.g. French, Spanish), we are deactivating these courses from our catalog. |
| <p><u>FLANG 248UA-FLANG 248ZZ, Selected Topics in Fine Arts and Applied Arts</u> 0.5-5.0 units, 0-5.0 hours lecture, 0-15.0 hours lab</p> | 1101.00 S'07 | We have no courses in Foreign Languages. As our plans are to offer all our language programs in specific disciplines (e.g. French, Spanish), we are deactivating these courses from our catalog. |

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

College: Laney

**Date Submitted for
CIPD Approval: 12/4/06**

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| DEACTIVATE: | TOP # | JUSTIFICATION: |
|--|--------------|---|
| CIS 31, Introduction to Network Administration | 0708.10 | District-wide agreement that these courses are to be deactivated and taught at sister colleges. CIS at Laney will focus programming and transfer courses effective Spring 2007. |
| CIS 42, Introduction to Spreadsheet Applications | 0702.10 | |
| CIS 45A, Introduction to Desktop Publishing on the Macintosh I | 0702.10 | |
| CIS 45B, Introduction to Desktop Publishing on the Mackintosh II | 0702.10 | |
| CIS 75A, Cisco Network Architecture I | 0708.10 | |
| CIS 75B, Cisco Network Architecture II | 0708.10 | |
| CIS 75C, Cisco Network Architecture III | 0708.10 | |
| CIS 75D, Cisco Network Architecture IV | 0708.10 | |
| CIS 201A, Introduction to Computer Hardware I | 0708.20 | |
| CIS 201B, Introduction to Computer Hardware II | 0708.20 | |
| CIS 202, Macintosh Hardware | 0708.20 | |
| CIS 203, Network Hardware | 0708.10 | |
| CIS 217, Windows 2000 | 0702.00 | |
| CIS 218, Windows 2000 Server | 0708.10 | |
| CIS 219A, Novell Netware Administration | 0708.10 | |
| CIS 242A, Digital Animation with Flash | 0702.10 | |
| CIS 242B, Digital Video | 0702.10 | |
| CIS 242C, Digital Audio Production I | 0702.10 | |
| CIS 244, Introduction to Digital MultiMedia F/X | 0702.10 | |
| WDTEC 30L, Wood Technology Laboratory III | 0952.50 | |
| WDTEC 40L, Wood Technology Laboratory IV | 0952.50 | |

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

College: Merritt

Date Submitted for
CIPD Approval: 10/2/06

**COURSE DEACTIVATIONS
DATE SUBMITTED FOR BOARD APPROVAL: MARCH 13, 2007**

| DEACTIVATE: | EFF: | JUSTIFICATION: |
|---|-------------|--|
| ESL 271A-C. ESL through Computers I | S07 | Course is being replaced by ESL 273 (see Course Additions) |
| ESL 272A-C. ESL through Computers II | S07 | " " |
| ESL 290A-C. Beginning ESL 1 | S07 | Course is being replaced by ESL 294 (see Course Additions) |
| ESL 291A-C. Beginning ESL 2 | S07 | Course will no longer be offered. |