

A. NAME OF AGENDA ITEM

Consideration and approval of new or revised courses and programs.

B. STATEMENT OF ISSUE/PURPOSE

1. Background and Purpose:

Sections 55002, 55130 and 55150 of Title 5 requires the local district governing board approve degree-applicable credit courses, nondegree-applicable credit courses, noncredit courses, community services offerings, and credit and noncredit programs.

The following curriculum changes are proposed for the San Diego Community College District for City College, Mesa College, Miramar College, or Continuing Education:

Accounting

Adoption of a new course at City College. **(Attachment A)**

Art-Fine Art

Adoption of a new course at Mesa College. **(Attachment B)**

Art-Graphic Design

Adoption of a new course at City College. **(Attachment C)**

Business

Adoption of two new courses at City College. **(Attachment D)**

Child Development

Adoption of a course deactivation at City College. **(Attachment E)**

Computer and Information Sciences

Adoption of four new courses at Mesa College. **(Attachment F)**

Cosmetology

Adoption of 10 course deactivations at City College. **(Attachment G)**

Dramatic Arts

Adoption of a course deactivation at City College. **(Attachment H)**

Economics

Adoption of a new course at Mesa College. **(Attachment I)**

Exercise Science

Adoption of a new course at Mesa College. **(Attachment J)**

Exercise Science

Adoption of two new courses at Mesa and Miramar College. **(Attachment K)**

Shelly Hess, Ed.D.  
Interim Vice Chancellor  
Instructional Services

B. STATEMENT OF ISSUE/PURPOSE (continued)

1. Background and Purpose: (continued)

Fashion

Adoption of a new course at Mesa College. (**Attachment L**)

Fire Protection Technology

Adoption of a course deactivation at Miramar College. (**Attachment M**)

Legal Assistant

Adoption of three new courses at Miramar College. (**Attachment N**)

Multimedia

Adoption of three new courses at Mesa College. (**Attachment O**)

Music

Adoption of 10 new courses at Mesa College. (**Attachment P**)

Music

Adoption of a course deactivation at Mesa College. (**Attachment Q**)

Phlebotomy

Adoption of two new courses at Mesa College. (**Attachment R**)

Radiologic Technology

Adoption of three new courses at Mesa College. (**Attachment S**)

Radio, Television and Film

Adoption of two new courses at City College. (**Attachment T**)

Radio, Television and Film

Adoption of three course deactivations at City College. (**Attachment U**)

Behavioral Sciences

Adoption of a program revision at City College. (**Attachment V**)

Business Studies

Adoption of a new program at City College. (**Attachment W**)

Business Studies

Adoption of a program revision at City College. (**Attachment X**)

Business Studies

Adoption of a program deactivation at City College. (**Attachment Y**)

Child Development

Adoption of a program revision at City College. (**Attachment Z**)

Communications

Adoption of a program revision at City College. (**Attachment AA**)

B. STATEMENT OF ISSUE/PURPOSE (continued)

1. Background and Purpose: (continued)

Computer Business Technology

Adoption of a program revision at City College. **(Attachment BB)**

Cosmetology

Adoption of a program revision at City College. **(Attachment CC)**

Dramatic Arts

Adoption of a program revision at Mesa College. **(Attachment DD)**

Exercise Science

Adoption of a new program at Miramar College. **(Attachment EE)**

Fashion

Adoption of a program revision at Mesa College. **(Attachment FF)**

Fire Protection Technology

Adoption of a program revision at Miramar College. **(Attachment GG)**

Liberal Arts and Sciences

Adoption of a program revision at Mesa College. **(Attachment HH)**

Mathematics

Adoption of a program revision at Mesa College. **(Attachment II)**

Music

Adoption of a program revision at Mesa College. **(Attachment JJ)**

Music

Adoption of a program revision at Miramar College. **(Attachment KK)**

Phlebotomy

Adoption of a new program at Mesa College. **(Attachment LL)**

Women's Studies

Adoption of a new program at Mesa College. **(Attachment MM)**

2. Cost and Funding

There is no additional cost to the District.

C. PROPOSAL

The Board of Trustees hereby grants authority to take the action outlined in Part A.

ACTION

Adoption of a new course at City College.

Proposed new course at City College:

**132 Internal Revenue Service Tax Training**  
**16 - 18 hours lecture, 1 units**  
**Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.

This course trains students to prepare taxes through the Volunteer Income Tax Assistance Program (VITA). The VITA Program gives low-income families in the community the opportunity to receive complementary tax preparation. Emphasis for this course is placed on tax preparer VITA certification and proficiency with the Internal Revenue Service (IRS) Tax-Wise system. Topics include an overview of the tax preparation process, Form 1040 and support schedule preparation, income definition, adjustments to income, standard and itemized deductions, credit application, and VITA program requirements. This course is intended for students majoring in accounting or business, and those students interested in tax preparation. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

**108 Women in Art**

**48 - 54 hours lecture, 3 units**

**Letter Grade or Pass/No Pass Option**

*Advisory:* English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6.

Women in Art is a survey of art produced by women as well as the representation of women in art from the prehistoric through contemporary period. This course will provide an interdisciplinary overview of art work produced by women artists focusing on the intersection of art, gender and social ideologies. This course will also explore the portrayal of women in art and the manner in which cultural definitions of gender shape women's aesthetic expression and representation. The course is intended for students interested in art, women's studies and the humanities. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a new course at City College.

Proposed new course at City College:

**153 Mobile Experience Design**  
**24 - 27 hours lecture, 72 - 81 hours lab, 3 units**  
**Grade Only**

*Advisory:* Art-Graphic Design 125 with a grade of "C" or better, or equivalent.

This intermediate course explores the best practices and strategies of successful mobile experience design. Emphasis is placed on the basics of mobile web and application design, mobile first strategies, elements of mobile design, adaptive and responsive design and user experience. Each component and class assignment is intended to assist students in effectively communicating throughout the design process to visualize and execute a strong viewpoint, plan and voice. This course is tailored to the student in graphic design working towards building a portfolio for graduation. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of two new courses at City College.

Proposed new courses at City College:

**122 Sports Management**

**48 - 54 hours lecture, 3 units  
Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.

This course introduces the principles of sports management. Emphasis is placed on analysis, discussion, and development of real-world based sports business scenarios and interaction with industry professionals. Topics include an overview of the sports business environment, sports sales and sponsorship, sports marketing, accounting and finance, communications and public relations, game operations, player management, and collegiate sports. This course is intended for students majoring in business or accounting and those students interested in career opportunities in the sports industry. (FT) Associate Degree Credit & transfer to CSU.

**124 Sports Sales**

**48 - 54 hours lecture, 3 units  
Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.

This course explores professional sales in the sports industry. Emphasis is placed on discussion, analysis, and development of real-world based sports sales situations and interaction with industry professionals. Topics include an overview of sports sales, prospecting potential customers, building relationships, closing strategies, customer service, season, group and individual ticket sales, premium seat and suite contracts, sponsorship development, and career opportunities in professional sports sales. This course is intended for students majoring in business or accounting and those students interested in sales careers in the sports industry. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course deactivation City College.

Proposed course deactivation at City College:

**185 Computer Usage with Young Children**  
**48 - 54 hours lecture, 3 units**  
**Grade Only**

*Advisory:* English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

This course explores principles of computer application in the Child Development field. Emphasis will be on the use of computers as an educational tool. Through the in-depth exploration of computer software applications, students will learn the functions, integration, and flexibility of computer usage with young children. (FT) Associate Degree Credit & transfer to CSU.



ACTION

Adoption of four new courses at Mesa College.

Proposed new courses at Mesa College:

**106 Introduction to Computer Science**  
**32 - 36 hours lecture, 96 - 108 hours lab, 4 units**  
**Grade Only**

*Advisory:* Computer and Information Sciences 150 with a grade of "C" or better, or equivalent. This course is a hands-on study of the foundational principles of computer science. Emphasis is placed on fundamental computer science concepts and techniques through text-based software game development. Topics include conditional logic, looping, lists, arrays, circular lists, association lists, trees, undirected graphs, hash tables, algorithms, user-defined data types, lambdas, generic programming, complex data structures, input/output (I/O) streams, files, sockets, closures, memoization, tail call optimization, lazy evaluation, macros, and domains. This course is designed for students majoring in computer information sciences or multimedia and for anyone interested in the computer science of game development. Associate Degree Credit & transfer to CSU.

**206 Mobile Game Development on iOS**  
**32 - 36 hours lecture, 96 - 108 hours lab, 4 units**  
**Grade Only**

*Advisory:* Computer and Information Sciences 106 and Computer and Information Sciences 192, each with a grade of "C" or better, or equivalent. This course is an introduction to the development of mobile games for iOS platforms. Emphasis is placed on the use of the Xcode and Interface Builder developer tools, the Objective-C or Swift programming language, and the Cocoa software framework to develop a game application that runs on an iOS platform, such as an iPhone and/or iPad. Topics include the major design patterns of the Cocoa framework. This course is designed for students majoring in computer and information science, software engineering or game programming and anyone interested in updating their programming skills. (FT) Associate Degree Credit & transfer to CSU.

**207 Mobile Game Development on Android**  
**32 - 36 hours lecture, 96 - 108 hours lab, 4 units**  
**Grade Only**

*Advisory:* Computer and Information Sciences 106 and Computer and Information Sciences 190, each with a grade of "C" or better, or equivalent. This course is an introduction to the development of mobile games for the Android platform. Emphasis is placed on the use of the Java programming language and support tools to develop a game application that runs on the Android platform. Topics include the major design patterns of the Android framework. This course is designed for students majoring in computer and information science, software engineering or game programming and anyone interested in updating their programming skills. (FT) Associate Degree Credit & transfer to CSU.

**221 Intermediate Game Programming:  
Integrating Art and Science**  
**48 - 54 hours lecture, 48 - 54 hours lab, 4 units**  
**Letter Grade or Pass/No Pass Option**

*Prerequisite:* Computer and Information Sciences 220 with a grade of "C" or better, or equivalent. This course covers the field of software game program development. Students work as a team to design and build a complex software game. Students learn the essential elements of game construction, the constituent technologies that facilitate their development, and collaborative software development and integration methodologies. This course is designed for students interested in entering the software game development field, or for working computer professionals who want to extend their knowledge and skills to include game programming technologies. (FT) Associate Degree Credit & transfer to CSU.

## Cosmetology

### ACTION

Adoption of 10 course deactivations at City College.

Proposed course deactivations at City College:

**50LA Fundamentals of Cosmetology I**  
**144 - 162 hours lab, 3 units**  
**Grade Only**

*Corequisite: Completion of or concurrent enrollment in: Cosmetology 50 with a grade of "C" or better, or equivalent.*

*Advisory: Completion of or concurrent enrollment in English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.*

*Limitation on Enrollment:* This course is not open to students with previous credit for Cosmetology 110, Cosmetology 110A or Cosmetology 50L.

This course is an introduction to the basic fundamentals of Cosmetology. Course content includes basic procedures of draping, shampooing, conditioning, haircutting, wet hairstyling, manicuring, pedicuring, facials, make-up, and removing unwanted hair. This course is intended to prepare students for 50LB and the California State Bureau of Barbering and Cosmetology licensure. (FT) Associate Degree Credit only and not Transferable.

**50LB Fundamentals of Cosmetology II**  
**144 - 162 hours lab, 3 units**  
**Grade Only**

*Prerequisite:* Cosmetology 50LA with a grade of "C" or better, or equivalent.

*Corequisite: Completion of or concurrent enrollment in Cosmetology 50 or Cosmetology 60, each with a grade of "C" or better, or equivalent.*

*Advisory: Completion of or concurrent enrollment in English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.*

*Limitation on Enrollment:* This course is not open to students with previous credit for Cosmetology 110, Cosmetology 110B or Cosmetology 50L.

This course is a continuation of Cosmetology 50LA, an introduction to the basic fundamentals of Cosmetology, at a more advanced level. Course content includes basic procedures of draping, shampooing, conditioning, haircutting, wet hairstyling, manicuring, pedicuring, facials, make-up, and removing unwanted hair. This course is intended to prepare students for 60LA and the California State Bureau of Barbering and Cosmetology licensure exam. (FT) Associate Degree Credit only and not Transferable.

## Cosmetology

### **60LA Intermediate Cosmetology Lab IA** **144 - 162 hours lab, 3 units** **Grade Only**

*Prerequisite:* Cosmetology 50L or Cosmetology 50LA and Cosmetology 50LB, each with a grade of "C" or better, or equivalent.

*Corequisite:* Completion of or concurrent enrollment in Cosmetology 50, Cosmetology 60 or Cosmetology 70, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Cosmetology 120, or Cosmetology 120A or Cosmetology 60L. This course is designed to cover the first half of COSM 60L. Course content includes basic procedures of hair coloring, permanent waving, soft curl permanent waving, chemical straightening, and thermal pressing and curling. A review of Cosmetology 50L is included to develop skill level and subject matter mastery of the following subjects: state board set, manicuring, pedicuring, artificial nails, facials, make up, removing unwanted hair, sanitation safety and client protection. This course together with COSM 60LB is intended to prepare students for 70L or 70LA and 70LB and the California State Bureau of Barbering and Cosmetology examination. This course also prepares students for client services. (FT) Associate Degree Credit only and not Transferable.

### **60LB Intermediate Cosmetology Lab IB** **144 - 162 hours lab, 3 units** **Grade Only**

*Prerequisite:* Cosmetology 60LA or Cosmetology 50L, each with a grade of "C" or better, or equivalent.

*Corequisite:* Completion of or concurrent enrollment in Cosmetology 50, Cosmetology 60 or Cosmetology 70, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Cosmetology 120 or Cosmetology 120B or Cosmetology 60L. This course is a continuation of Cosmetology 60LA. It covers the second half of COSM 60L. Course content includes basic procedures of hair coloring, permanent waving, soft curl permanent waving, chemical straightening, and thermal pressing and curling. A review of Cosmetology 50L is included to develop skill level and subject matter mastery of the following subjects: state board set, manicuring, pedicuring, artificial nails, facials, make up, removing unwanted hair, sanitation safety and client protection. This course together with COSM 60LA is intended to prepare students for 70L or 70LA and 70LB and the California State Bureau of Barbering and Cosmetology examination. This course also prepares students for client services. (FT) Associate Degree Credit only and not Transferable.

## Cosmetology

### **70LA Intermediate Cosmetology Lab IIA** **144 - 162 hours lab, 3 units** **Grade Only**

*Prerequisite:* Cosmetology 60L or Cosmetology 60LA and Cosmetology 60LB, each with a grade of "C" or better, or equivalent.

*Corequisite:* Completion of or concurrent enrollment in Cosmetology 60 or Cosmetology 70 or Cosmetology 81, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Cosmetology 130, Cosmetology 130A or Cosmetology 70L.

This course is an introduction to the basic laboratory fundamentals of chemicals and hair design and covers the first half of COSM 70L. Course content includes basic procedures of hair coloring, permanent waving, soft curl permanent waving, chemical straightening, and thermal pressing and curling. A review of the topics from COSM 60L is included to maintain subject matter mastery and to prepare students for client services. Emphasis is placed on preparing students for 80L or 80LA and 80LB and the California State Bureau of Barbering and Cosmetology examination. (FT) Associate Degree Credit only and not Transferable.

### **70LB Intermediate Cosmetology Lab IIB** **144 - 162 hours lab, 3 units** **Grade Only**

*Prerequisite:* Cosmetology 60L or Cosmetology 60LA, Cosmetology 60LB, and Cosmetology 70LA, each with a grade of "C" or better, or equivalent.

*Corequisite:* Completion of or concurrent enrollment in Cosmetology 60 or Cosmetology 70 or Cosmetology 81, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Cosmetology 130, Cosmetology 130B or Cosmetology 70L.

This course is a continuation of Cosmetology 70LA and covers the second half of COSM 70L. The course provides an intermediate-level introduction to the basic laboratory fundamentals of chemicals and hair design. Course content includes basic procedures of hair coloring, permanent waving, soft curl permanent waving, chemical straightening, and thermal pressing and curling. A review of the topics from COSM 60L is included to maintain subject matter mastery and to prepare students for client services. Emphasis is placed on preparing students for 80L or 80LA and 80LB and the California State Bureau of Barbering and Cosmetology examination. (FT) Associate Degree Credit only and not Transferable.

Cosmetology

**80LA Advanced Cosmetology Lab IA**  
**144 - 162 hours lab, 3 units**  
**Grade Only**

*Prerequisite:* Cosmetology 70L or Cosmetology 70LA & Cosmetology 70LB, each with a grade of "C" or better, or equivalent.

*Corequisite: Completion of or concurrent enrollment in* Cosmetology 60, Cosmetology 70, Cosmetology 81, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Cosmetology 140, Cosmetology 140A or Cosmetology 80L. This course is an introduction to senior level techniques related to client services in Cosmetology and covers the first half of Cosmetology 80L. Course content includes advanced procedures for hair coloring, permanent waving, soft curl permanent waving, chemical straightening, thermal pressing and curling as well as advanced level facials, manicuring, haircutting, and wet hairstyling. This course together with COSM 80LB is intended to prepare the student for 90L or 90LA and 90LB, the California State Bureau of Barbering and Cosmetology examination as well as to introduce students to marketing strategies and to support their efforts in meeting professional and employment goals. (FT) Associate Degree Credit only and not Transferable.

**80LB Advanced Lab IB**  
**144 - 162 hours lab, 3 units**  
**Grade Only**

*Prerequisite:* Cosmetology 70L or Cosmetology 70LA and Cosmetology 70LB, each with a grade of "C" or better, or equivalent and Cosmetology 80LA, each with a grade of "C" or better, or equivalent.

*Corequisite: Completion of or concurrent enrollment in:* Cosmetology 60, Cosmetology 70 or Cosmetology 81, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Cosmetology 140, Cosmetology 140B or Cosmetology 80L. This course is a continuation of Cosmetology 80LA and covers the second half of Cosmetology 80L. It provides increased senior level techniques related to client services in Cosmetology. Course content includes advanced procedures for hair coloring, permanent waving, soft curl permanent waving, chemical straightening, thermal pressing and curling as well as advanced level facials, manicuring, haircutting, and wet hairstyling. This course together with COSM 80LA is intended to prepare the student for 90L or 90LA and 90LB, the California State Bureau of Barbering and Cosmetology examination as well as to introduce students to marketing strategies and to support their efforts in meeting professional and employment goals. (FT) Associate Degree Credit only and not Transferable.

## Cosmetology

### **90LA Advanced Lab IIA**

**144 - 162 hours lab, 3 units  
Grade Only**

*Prerequisite:* Cosmetology 80L or Cosmetology 80LA, Cosmetology 80LB, and Cosmetology 90LA, each with a grade of "C" or better, or equivalent.

*Corequisite:* Completion of or concurrent enrollment in Cosmetology 60, Cosmetology 70 or Cosmetology 81, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Cosmetology 150, Cosmetology 150B or Cosmetology 90L.

This course is a continuation of Cosmetology 90LA and covers the second half of Cosmetology 90L. It provides an increased focus on perfecting competence in advanced techniques related to client services in Cosmetology. Course content includes more advanced procedures for hair coloring, permanent waving, soft curl permanent waving, chemical straightening, and thermal pressing and curling. Emphasis is placed on assignments that focus on advanced techniques for facials, manicures, haircuts and wet hairstyling. A mock board examination and practical drills prepare students for the California State Bureau of Barbering and Cosmetology exam. These proficiencies support students in their efforts to meet their professional and employment goals.

### **90LB Advanced Lab IIB**

**144 - 162 hours lab, 3 units  
Grade Only**

*Prerequisite:* Cosmetology 80L or Cosmetology 80LA, Cosmetology 80LB, and Cosmetology 90LA, each with a grade of "C" or better, or equivalent.

*Corequisite:* Completion of or concurrent enrollment in Cosmetology 60, Cosmetology 70 or Cosmetology 81, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Cosmetology 150, Cosmetology 150B or Cosmetology 90L.

This course is a continuation of Cosmetology 90LA and covers the second half of Cosmetology 90L. It provides an increased focus on perfecting competence in advanced techniques related to client services in Cosmetology. Course content includes more advanced procedures for hair coloring, permanent waving, soft curl permanent waving, chemical straightening, and thermal pressing and curling. Emphasis is placed on assignments that focus on advanced techniques for facials, manicures, haircuts and wet hairstyling. A mock board examination and practical drills prepare students for the California State Bureau of Barbering and Cosmetology exam. These proficiencies support students in their efforts to meet their professional and employment goals. (FT) Associate Degree Credit only and not Transferable.

ACTION

Adoption of a course deactivation at City College.

Proposed course deactivation at City College:

**142 Drawing for the Theatre: Costume**

**Illustration**

**16 - 18 hours lecture, 96 - 108 hours lab, 3 units  
Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30; Art-Fine Art 155A and Art-Fine Art 210A, each with a grade of "C" or better, or equivalent. This course is a comprehensive hands-on study of costume illustration techniques for the theatre. Emphasis is placed on the visual development process for costume design. Students develop and research a costuming concept based on the text of a play, draw design sketches, render a series of costume presentation boards and flat pattern costumes. Exposure to various media enhances personal style and expression. This course is designed for theatre majors and anyone interested in fashion design for the theatre. (FT) Associate Degree Credit & transfer to CSU. UC Transfer Course List.



ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

**220 Economics of the Environment**

**48 - 54 hours lecture, 3 units**

**Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 46 with a grade of "C" or better, or equivalent or Assessment Skill Level M40.

This course is a study of major environmental issues from an economics perspective. Emphasis is placed on resource management. Market and government responses are evaluated and analyzed. International response to major environmental issues are explored. This course is designed for students interested in majoring in economics, sustainability, environmental science, political science, international studies, or related majors. Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

**228B Intercollegiate Sand Volleyball II**  
**96 - 175 hours lab, 2-3.5 units**  
**Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Exercise Science 228A with a grade of "C" or better, or equivalent.

This is the second course in intercollegiate sand volleyball competition. Topics include analyses of individual and team strategies. This course is designed for students interested in competing in sand volleyball at a collegiate-level. Students must pass the sports physical administered by the team physician prior to competition. This course may be taken two times for credit. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of two new courses at Mesa and Miramar College.

Proposed new courses at Mesa and Miramar College:

**130A Indoor Cycling I**

**32 - 54 hours lab, 0.5-1 units  
Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

This course is the first in a series of Indoor Cycling courses. This course provides instruction in the basic fundamentals necessary to improve indoor cycling techniques and improve cardiovascular/aerobic fitness. Topics includes cycling terminology and ergonomics, overall fitness evaluation, various indoor cycling exercise regimens, and goal setting programs for individual health and fitness benefits. This class is designed for students interested in cardiovascular fitness improvement through indoor cycling (spinning). (FT) Associate Degree Credit & transfer to CSU.

**130B Indoor Cycling II**

**32 - 54 hours lab, 0.5-1 units  
Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Exercise Science 130A with a grade of "C" or better, or equivalent.

This course is the second in a series of Indoor Cycling courses. Emphasis is based on beginning to intermediate cycling techniques, heart rate calculations, fitness evaluations, and cardiovascular training and program design. Beginning level principles of physiology are explored including how to train to elicit a desired physiological response. This class is designed for students interested in aerobic fitness improvement through indoor cycling as well as Kinesiology majors. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

**143 Advanced Fashion Illustration and  
Technical Sketching**

**24 - 27 hours lecture, 1.5 units  
Grade Only**

*Prerequisite:* Fashion 142 with a grade of "C" or better, or equivalent.

This advanced course continues development of individualized sketching style by perfecting the elongated fashion croquis, production technical flats, and exploring portfolio ready theme presentation boards. Advanced color marker and color pencil media techniques are developed for rendering a variety of fabric textures. This course is intended for fashion design majors. (FT)  
Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course deactivation at Miramar College.

Proposed course deactivation at Miramar College:

**332C Rescue Systems II**

**16 - 18 hours lecture, 24 - 27 hours lab, 1.5  
units  
Grade Only**

*Prerequisite:* Fire Protection Technology 243  
with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open  
to students with previous credit for Fire  
Technology 249 or Fire Protection Technology  
249.

This course builds upon and expands the  
knowledge and skills acquired in Rescue Systems  
I. Training focuses on developing teams of rescue  
workers to operate in rescue situations following  
earthquakes, flooding, and other large scale  
emergencies. Course content includes information  
and recommendations developed by agencies  
involved in the 1989 San Francisco earthquake,  
1993 floods, and 1994 Los Angeles earthquake.  
This course is intended for current or future  
firefighters, police officers, or other public safety  
personnel. (FT) Associate Degree Credit only and  
not Transferable.

## Legal Assistant

### ACTION

Adoption of three new courses at Miramar College.

Proposed new courses at Miramar College:

#### **215 Administrative Law**

**48 - 54 hours lecture, 3 units  
Grade Only**

*Corequisite: Completion of or concurrent enrollment in Legal Assistant 100A with a grade of "C" or better, or equivalent.*

*Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6.*

This legal specialty course presents basic concepts of administrative law and procedure in federal and state agencies, with emphasis on the paralegal's role in the administrative process. Students learn both formal and informal advocacy techniques, including representing clients before administrative bodies. Substantive topics include administrative delegation of power, rule making, agency discretionary powers, remedies, and judicial review. Procedural topics include agency operation; adjudication; hearing preparation; and administrative and judicial appeals. This course is intended for students majoring in Paralegal or anyone interested in administrative law. (FT) Associate Degree Credit & transfer to CSU.

#### **220 Intellectual Property Law**

**8 - 54 hours lecture, 3 units  
Grade Only**

*Corequisite: Completion of or concurrent enrollment in Legal Assistant 100A with a grade of "C" or better, or equivalent.*

*Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6.*

This legal specialty course provides the student with an in-depth analysis of the law pertaining to the fields of intellectual property: trademarks, copyrights, patents, trade secrets, and unfair competition. The methods by which each topic is created and protected will also be explored. This course is intended for students majoring in Paralegal or anyone interested in intellectual property law. (FT) Associate Degree Credit & transfer to CSU.

**225 Real Estate Law**

**48 - 54 hours lecture, 3 units**

**Grade Only**

*Corequisite: Completion of or concurrent enrollment in Legal Assistant 100A with a grade of "C" or better, or equivalent.*

*Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6.*

This legal specialty elective course is an introduction to real estate law and practice. Topics include property rights; types of land ownership/estates; the effects of easements and rights-of-way on title and use of real estate; agreements for leasing; agreements for sale; financing; conveyancing; title insurance; settlement procedures; recording; and post-closing matters that deal with residential, commercial, condominiums, and planned communities. Ethics will be discussed throughout the course in relation to specific scenarios that may occur during the practice of real estate law. This course is intended for students majoring in Paralegal or anyone interested in real estate law.

ACTION

Adoption of three new courses at Mesa College.

Proposed new courses at Mesa College:

**130 Video Game Development I: Introduction to 3D Modeling and Animation**  
**48 - 54 hours lecture, 48 - 54 hours lab, 4 units**  
**Letter Grade or Pass/No Pass Option**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Multimedia 121 with a grade of "C" or better, or equivalent.

This course is a guided digital studio approach to developing skills in the use of 3D modeling and animation software for use in digital interactive game environments. Emphasis is placed on optimized 3D design and visualization, 3D animated scenes, video game development and general multimedia. This course is intended for multimedia majors and anyone pursuing a career in video game development, 3D design and visualization, 3D animation, or general multimedia. (FT) Associate Degree Credit & transfer to CSU.

**131 Video Game Development II: Game Character and Level Design**  
**48 - 54 hours lecture, 48 - 54 hours lab, 4 units**  
**Letter Grade or Pass/No Pass Option**

*Advisory:* Multimedia 130 and English 35 with a grade of "C" or better, or equivalent.

This course is a guided digital studio approach to 3D character & game level design and production. This course combines exercises and individual and group projects to develop necessary skills and techniques in video game production. The course is intended for students who are preparing for more advanced study in 3D modeling, animation, and game design. (FT) Associate Degree Credit & transfer to CSU.

**132 Video Game Development III: Advanced Game Art and Asset Design**  
**48 - 54 hours lecture, 48 - 54 hours lab, 4 units**  
**Grade Only**

*Advisory:* Multimedia 131 with a grade of "C" or better, or equivalent.

This class engages the student of Video Game Development in an exploration of interactive environments using methodologies and concepts drawn from both inside and outside the traditional realms of interactive game design. It provides an opportunity for students to engage an audience by channeling their conceptual ideas into interactive digital environments via technologies incorporating programming, sound, compositing, virtual reality, interactivity, and three-dimensional modeling & animation. Emphases include an in-depth examination of contemporary examples of interactive gaming and a cross-sectioned exposure to the art, design, and programming involved in the creation of interactive games. This course serves as a preparatory environment for students to design and create a fully functional interactive game environment via digital means. (FT) Associate Degree Credit & transfer to CSU.



ACTION

Adoption of 10 new courses at Mesa College.

Proposed new courses at Mesa College:

**117 Music in the United States**

**48 - 54 hours lecture, 3 units  
Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

This course introduces students to the history and style of various genres of music from the United States covering pre-colonial times to the present including Native American, Native Hawaiian, religious, martial, classical, folk, blues, ragtime, American popular song, jazz, country, rock, and rap. Analytical, aural, historical, and socio-cultural tools will be used to interpret music in the USA in the broadest perspective relating music to race, identity, gender, and popular culture technology. This course is for students majoring in music or for those who have an interest in music. (FT) Associate Degree Credit & transfer to CSU.

**118 Asian Music**

**48 - 54 hours lecture, 3 units  
Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

This course introduces various traditional Asian musics including India, the Middle East, East Asia, Southeast Asia, Central Asia, and Oceania. Areas of emphasis will be on learning about types of musical instruments, ensembles, musical styles, relevant history & geography, cultural contexts, and functions of music in traditional societies. This course is intended for music majors or anyone interested in music. (FT) Associate Degree Credit & transfer to CSU.

**119 Music in the Americas, Africa & Europe**

**48 - 54 hours lecture, 3 units  
Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

This course introduces various traditional musics of the Americas, Sub-Saharan Africa, and Western Europe. Areas of emphasis will be on learning about types of musical instruments, ensembles, musical styles, relevant history & geography, cultural contexts, functions of music in traditional societies, and cultural retention and syncretism in order to understand how the music and culture of these areas of the world are related. This course is intended for music majors or any student interested in music. (FT) Associate Degree Credit & transfer to CSU.

**251A World Music Ensemble I**

**24 - 27 hours lecture, 24 - 27 hours lab, 2 units  
Grade Only**

World Music Ensemble I is a performance ensemble that exposes students to a variety of world music traditions, including those found in Uganda (East Africa), Ghana (West Africa), Zaïre (Central Africa), Brazil (South America), and the Middle East. Students will learn basic drumming techniques on a variety of percussion instruments, and learn to sing traditional vocal pieces in a foreign language. Repertoire will be learned through oral tradition and alternative notation. No prior experience needed and no audition required. This course is open to all students. This course is for students majoring in music or for those who have an interest in music. (FT) Associate Degree Credit & transfer to CSU.

**251B World Music Ensemble II**

**24 - 27 hours lecture, 24 - 27 hours lab, 2 units  
Grade Only**

*Prerequisite:* Music 251A with a grade of "C" or better, or equivalent.

World Music Ensemble II is a performance ensemble that exposes students to a variety of world music traditions, including those found in Uganda (East Africa), Ghana (West Africa), Zaïre (Central Africa), and Brazil (South America). Students will learn intermediate drumming techniques on a variety of percussion instruments, and learn to sing traditional vocal pieces in foreign languages. Repertoire will be learned through oral tradition and alternative notation. No audition is required. This course is for students that wish to participate in an ensemble group. This course is for students majoring in music or for those who have an interest in music. (FT) Associate Degree Credit & transfer to CSU.

**251C World Music Ensemble III**

**24 - 27 hours lecture, 24 - 27 hours lab, 2 units  
Grade Only**

*Prerequisite:* Music 251B with a grade of "C" or better, or equivalent.

World Music Ensemble III is a performance ensemble that exposes students to a variety of world music traditions, including those found in Uganda (East Africa), Ghana (West Africa), Zaïre (Central Africa), and Brazil (South America). Students will learn intermediate-advanced drumming techniques on a variety of percussion instruments, and learn to sing traditional vocal pieces in foreign languages. Repertoire will be learned through oral tradition and alternative notation. No audition is required. This course is for students majoring in music or for those who have an interest in music. (FT) Associate Degree Credit & transfer to CSU.

**251D World Music Ensemble IV**

**24 - 27 hours lecture, 24 - 27 hours lab, 2 units  
Grade Only**

*Prerequisite:* Music 251C with a grade of "C" or better, or equivalent.

World Music Ensemble IV is a performance ensemble that exposes students to a variety of world music traditions, including those found in Uganda (East Africa), Ghana (West Africa), Zaïre (Central Africa), and Brazil (South America). Students will learn advanced drumming techniques on a variety of percussion instruments, and learn to sing several traditional vocal pieces in multiple foreign languages. Repertoire will be learned through oral tradition and alternative notation. No audition is required. This course is for students majoring in music or for those who have an interest in music. (FT) Associate Degree Credit & transfer to CSU.

**256B Guitar Ensemble II**

**24 - 27 hours lecture, 24 - 27 hours lab, 2 units  
Grade Only**

*Prerequisite:* Music 256A with a grade of "C" or better, or equivalent.

This course is an intermediate guitar ensemble for the study and performance of selected guitar ensemble works. Students practice and perform a wide variety of works from different historical areas, and develop their skills in reading music, guitar technique and interpretation. Attendance at rehearsals and performances is required. This course is designed for music majors wanting to advance their skills in ensemble groups. (FT) Associate Degree Credit & transfer to CSU.

**256C Guitar Ensemble III**

**24 - 27 hours lecture, 24 - 27 hours lab, 2 units  
Grade Only**

*Prerequisite:* Music 256B with a grade of "C" or better, or equivalent.

This course is an intermediate guitar ensemble for the study and performance of selected guitar ensemble works. Students practice and perform a wide variety of works from different historical areas, and develop their skills in reading music, guitar technique and interpretation. Attendance at rehearsals and performances is required. This course is designed for students majoring music who want to advance their ensemble skills by participating in an ensemble group. (FT)  
Associate Degree Credit & transfer to CSU.

**256D Guitar Ensemble IV**

**24 - 27 hours lecture, 24 - 27 hours lab, 2 units  
Grade Only**

*Prerequisite:* Music 256C with a grade of "C" or better, or equivalent.

This course is an advanced guitar ensemble for the study and performance of selected guitar ensemble works. Students practice and perform a wide variety of works from different historical areas, and develop their skills in reading music, guitar technique and interpretation. Attendance at rehearsals and performances is required. This course is designed for students majoring music who want to advance their ensemble skills by participating in an ensemble group. (FT)  
Associate Degree Credit & transfer to CSU. UC Transfer Course List.

ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College:

**254 Instrumental Ensemble**

**48 - 54 hours lab, 1 units**

**Letter Grade or Pass/No Pass Option**

*Advisory:* Music 150A with a grade of "C" or better, or equivalent.

A selected group of limited membership devoted to the preparation and performance of the best contemporary jazz and stage band literature. The group is a performance band. (FT) Associate Degree Credit & transfer to CSU. UC Transfer Course List.

## Phlebotomy

### ACTION

Adoption of two new courses at Mesa College.

Proposed new courses at Mesa College:

#### **50 Phlebotomy**

**32 - 36 hours lecture, 96 - 108 hours lab, 4 units  
Grade Only**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.

*Limitation on Enrollment:* Special Admission - must be admitted to program. This course is not open to students with previous credit for Medical Assisting 80 and Medical Assisting 85.

This course provides basic and advanced training in capillary puncture and venipuncture through didactic and clinical instruction as required by the State of California, Department of Health Services-Laboratory Field Services. The basic lecture portion of this course includes Anatomy and Physiology of the body systems with emphasis on the Circulatory System, Medical Terminology and Infection Control. The advanced lecture portion of this course includes advanced Infection Control and biohazards, risk factors and appropriate responses to complications, anatomical site selection, quality assurance, pre-analytical source of error and ethical and legal issues related to phlebotomy. The clinical component of this course provides students with hands-on training in capillary puncture and venipuncture. Students apply knowledge of theory to the clinical setting. This course is intended for students in the Phlebotomy Training Program. Upon successful completion of the Phlebotomy Training Program students are awarded a Certificate of Performance in Phlebotomy and may apply for State of California certification as a Certified Phlebotomy Technician 1 (CPT 1) and sit for several state and national examinations. (FT) Not applicable to the Associate Degree.

#### **60 Phlebotomy Directed Clinical Practice**

**150 - hours other, 2 units  
Grade Only**

*Prerequisite:* Phlebotomy 50 with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* Special Admission - must be admitted to program.

This course is an unpaid 150 hour clinical experience designed for students to gain additional experience in phlebotomy. Students complete 50-100 venipunctures, 25 capillary punctures and observe 2 arterial punctures at an appropriate clinical site. Students apply knowledge of theory to the clinical setting. This course is intended for students in the Phlebotomy Training Program. Upon successful completion of the Phlebotomy Training Program students are awarded a Certificate of Performance in Phlebotomy and may apply for State of California certification as a Certified Phlebotomy Technician 1 (CPT 1) and sit for several state and national examinations. (FT) Not applicable to the Associate Degree.

## Radiologic Technology

### ACTION

Adoption of three new courses at Mesa College.

Proposed new courses at Mesa College:

#### **150 Forensic Radiology for the Radiologic Technologist**

**32 - 36 hours lecture, 2 units  
Grade Only**

*Corequisite: Completion of or concurrent enrollment in Radiologic Technology 101 with a grade of "C" or better, or equivalent.*

*Limitation on Enrollment: Special Admission - must be admitted to program.*

This course provides an overview of how radiologic imaging has been incorporated into medicolegal death investigations. Emphasis is placed on discussing the advantages and limitations of different imaging modalities, the issues which impact forensic imaging, and the different methods for identifying the dead. The use of computer software in this field is also discussed. This course designed for Radiologic Technology students interested in postmortem imaging. (FT) Associate Degree Credit & transfer to CSU.

#### **241L Sectional Anatomy Lab**

**24 - 27 hours lab, 0.5 units  
Grade Only**

*Corequisite: Completion of or concurrent enrollment in Radiologic Technology 241 with a grade of "C" or better, or equivalent.*

*Limitation on Enrollment: Special Admission - must be admitted to program.*

This course covers sectional anatomy of the human body. Topics include differentiation of the head, neck, thorax, abdomen, pelvis and extremity anatomy demonstrated on CT and MRI images.

This is a course for students currently enrolled in the Radiologic Technology Program. (FT) Associate Degree Credit & transfer to CSU.

#### **246 Computed Tomography Imaging**

**40 - 45 hours lecture, 2.5 units  
Grade Only**

*Corequisite: Completion of or concurrent enrollment in Radiologic Technology 241 and Radiologic Technology 241L, each with a grade of "C" or better, or equivalent.*

*Limitation on Enrollment: This course is not open to students with previous credit for Radiologic Technology 243 or Radiologic Technology 244.*

*Limitation on Enrollment: Special Admission - must be admitted to program.*

This is a course for radiologic technology students to study the imaging modality of Computed Tomography (CT). The underlying physical principles, imaging method, instrumentation, imaging manipulation and clinical use of the modality in diagnostic imaging are explored. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of two new courses at City College.

Proposed new courses at City College:

**242A Radio Broadcast Concert Production**

**Workshop – Sound Mixing**

**48 - 54 hours lab, 1 units**

**Grade Only**

*Prerequisite:* Radio, Television and Film 132 with a grade of "C" or better, or equivalent.

This course is an advanced workshop in producing a live radio concert. Emphasis is placed on the sound mixing for KSDS-FM's "Jazz Live" concerts for a live theater audience and radio broadcast. This course is intended for Radio, Television and Film students as well as for Music students. (FT) Associate Degree Credit & transfer to CSU.

**242B Radio Broadcast Concert Production**

**Workshop – Producing**

**48 - 54 hours lab, 1 units**

**Grade Only**

*Prerequisite:* Radio, Television and Film 242A with a grade of "C" or better, or equivalent.

This course is an advanced workshop in producing a live radio concert. Emphasis is placed on the planning and producing of KSDS-FM's "Jazz Live" concerts for a live theater audience and radio broadcast. This course is intended for Radio, Television and Film students as well as for Music students. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of three course deactivations at City College.

Proposed course deactivations at City College:

**122 Television Production**

**32 - 36 hours lecture, 48 - 54 hours lab, 3 units  
Grade Only**

*Prerequisite:* Radio, Television and Film 118 and Radio, Television and Film 124, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Radio and Television 122.

This course is an intermediate level study of video and television production. Emphasis is placed on providing students with hands-on experience in studio production practices, including techniques for news and documentary segments. Students plan, write, produce, stage and direct interviews, dramatic pieces, multimedia and other program segments. This course is intended for students majoring in radio and television production and anyone seeking employment in the field. (FT) Associate Degree Credit & transfer to CSU.

**123 Advanced Television Production**

**32 - 36 hours lecture, 48 - 54 hours lab, 3 units  
Grade Only**

*Advisory:* Radio, Television and Film 122 with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Radio and Television 123.

This course is an advanced level study of video and television production. Emphasis is placed on providing students with hands-on experience in advanced studio production practices, including techniques for news and documentary segments. Students apply advanced techniques to plan, write, stage and direct interviews, dramatic pieces, multimedia and other program segments. This course is intended for advanced level students majoring in radio, television and film as well as anyone seeking employment in the field. (FT) Associate Degree Credit & transfer to CSU.

**127 Basic TV Production Switcher Operation**

**24 - 27 hours lab, 0.5 units  
Grade Only**

*Advisory:* Radio, Television and Film 100 and Radio, Television and Film 118, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Radio and Television 127.

This course offers instruction and practice in advanced operation of the Grass Valley video production switcher for television. The course is intended for students majoring in Television and Film/Video in the Radio and Television Program. (FT) Associate Degree Credit & transfer to CSU.



ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Associate of Arts Degree  
Futures Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
FUTR 101 Introduction to Futures Studies .....	3
FUTR 102 Creating Futures: Methods and Tools .....	3
FUTR 103 Emerging Technologies.....	3
ANTH 103 Introduction to Cultural Anthropology .....	3
POLI 103 Comparative Politics.....	3
CISC 181 Principles of Information Systems.....	4
SOCO 223 Globalization and Social Change .....	3
FUTR 250 Field Experience in Futures Studies.....	1 – 3
<del>CISC 114 Introduction to Computer Graphics and Web Media.....</del>	<del>2</del>
CISC 150 Introduction to Computer and Information Sciences .....	3
CISC 220 Fundamentals of Computer Game Programming .....	4
ENGE 101 Introduction to Engineering	1.5
BIOL 109 Introduction to Applied Biology	5
RTVF 100 Introduction to Radio and Television .....	3
DMPR 151 Introduction to Multimedia .....	3
DMPR 154 Game Design .....	3
DMPR 157 Advanced Multimedia Production...	3

**Total Units = 23-25**

Business Studies

Pursuant to Section 78016 of the Education Code, the following is a program review summary:

Certificate of Performance Sports Management Program

- A. Labor Market Information<sup>1</sup>: The annual average number of persons employed in the Sports Management program area is 59,850 in the 2012-2022 employment years. Approximately 12,274 new job openings are projected through 2012-2022.
- B. Duplication<sup>2</sup>: None.
- C. Effectiveness<sup>3</sup>: Program area OR the projected enrollment of 100 for the 2015-2016 years in the new program area.

- 1. State of California Employment Development Department, Occupational Employment Data: 2012-2022, Annual Openings, Sports Management & related occupations, State of California Employment Development Department, Occupational Employment Data: 2012-2022, Annual Openings, Sports Management & related occupations.
- 2. 2014-2015 catalogs and websites for Region 10 Community Colleges.
- 3. City College School of Business, Information Technology, & Cosmetology Enrollment expectations.

ACTION

Adoption of a new program at City College.

Proposed new programs at City College:

**Certificate of Performance  
Sports Management**

<b>Courses Required for the Major:</b>	<b>Units</b>
BUSE 122 Sports Management.....	3
BUSE 124 Sports Sales .....	3
BUSE 102 Introduction to Customer Service <b>or</b> MARK 105 Professional Selling <b>or</b>	
BUSE 119 Business Communications.....	3

**Total Units = 9**

Business Studies

Pursuant to Section 78016 of the Education Code, the following is a program review summary:  
Certificate of Performance VITA Tax Preparation Training Program

- A. Labor Market Information<sup>1</sup>: The annual average number of persons employed in the VITA Tax Preparation Training program area is 25,660 in the 2012-2022 employment years. Approximately 2,105 new job openings are projected through 2012-2022.
- B. Duplication<sup>2</sup>: None.
- C. Effectiveness<sup>3</sup>: Program area OR the projected enrollment of 100 for the 2015-2016 years in the new program area.

- 1. State of California Employment Development Department, Industry and Occupational Employment Data Estimated Employment: 2012-2022, Tax Preparer & related occupations, and State of California Employment Development Department, Occupational Employment Data: 2012-2022, Annual Openings, Tax Preparer & related occupation.
- 2. 2014-2015 catalogs and websites for Region 10 Community Colleges.
- 3. City College School of Business, Information Technology, & Cosmetology Enrollment expectations

**Certificate of Performance  
VITA Tax Preparation Training**

<b>Courses Required for the Major:</b>	<b>Units</b>
ACCT 132 Internal Revenue Service Tax Training.....	1
ACCT 270 Work Experience .....	1-4

**Total Units = 2-5**

ACTION

Adoption of a program revision at City College.

Proposed program revisions at City College:

**Certificate of Performance  
Income Tax Preparation Internship**

**Courses Required for the Major: \_\_\_\_\_ Units**

~~BUSE 245C Small Business Internship-  
Accounting or  
BUSE 277C Service Learning – Community.....3~~

**Select a total of 3 units from any of the  
following courses: \_\_\_\_\_ Units**

ACCT 270 Work Experience .....1-3  
BUSE 245C Small Business Internship-  
Accounting.....3  
BUSE 277C Service Learning – Community ..1-3

**Total Units = 3**

**Associate of Science Degree  
Small Business Management  
Entrepreneur**

**Courses Required for the Major: \_\_\_\_\_ Units**

ACCT 128A Small Business Accounting –  
Recordkeeping ..... 1.5  
ACCT 128B Small Business Accounting –  
Payroll..... 1.5  
~~BIOL 101 Issues in Environmental Biology.....4~~  
BUSE 101 Business Mathematics ..... 3  
BUSE 102 Introduction to Customer Service..... 3  
BUSE 119 Business Communications **or**  
BUSE 092 Introduction to Business  
Communication..... 3  
ENGL 101 Reading and Composition.....3  
BUSE 140 Business Law and the  
Legal Environment.....3  
BUSE 150 Human Relations in Business..... 3  
BUSE 155 Managing the Small Business ..... 3  
BUSE 157 Starting a Small Business ..... 3  
CBTE 180 Microsoft Office .....3  
CISC 181 Principles of Information Systems.....4  
ECON 120 Principles of Macroeconomics .....3  
MARK 100 Principles of Marketing ..... 3  
PHIL102B Introduction to Philosophy:  
Values ..... 3  
COMS 103 Oral Communication .....3  
COMS 180 Intercultural Communication .....3

**And the following working education  
certificate of completion courses (select 6 units  
from): \_\_\_\_\_ Units**

~~BUSE 245A Small Business Internship –  
Marketing **or**  
BUSE 245B Small Business Internship –  
Operations **or**  
BUSE 245C Small Business Internship –  
Accounting **or**  
BUSE 245D Small Business Internship – Buying  
and Inventory **or**~~

Business Studies

<del>BUSE 245E Small Business Internship – Marketing <b>or</b></del>	
<del>BUSE 245F Small Business Internship – Operations <b>or</b></del>	
<del>BUSE 245G Small Business Internship – Accounting <b>or</b></del>	
<del>BUSE 245H Small Business Internship – Buying and Inventory .....</del>	<del>1 3</del>

**Select one course from the following      Units**

<u>BUSE 100 Introduction to Business .....</u>	<u>3</u>
<u>ECON 120 Principles of Macroeconomics.....</u>	<u>3</u>

**Select one course from the following:      Units**

<u>BUSE 201 Business      Organization      and Management.....</u>	<u>3</u>
<u>MARK 105 Professional Selling .....</u>	<u>3</u>
<u>MARK 130 Advertising Principles .....</u>	<u>3</u>

**Select two courses from the following:      Units**

<u>BUSE 245A Small Business Internship – Marketing.....</u>	<u>3</u>
<u>BUSE 245B Small Business Internship – Operations.....</u>	<u>3</u>
<u>BUSE 245C Small Business Internship – Accounting.....</u>	<u>3</u>
<u>BUSE 245D Small Business Internship - Buying and Inventory .....</u>	<u>3</u>

**Total Units = 56 36**

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivations at City College:

**Certificate of Performance  
Retail Management Advanced  
Course**

<b>Courses Required for the Major:</b>	<b>Units</b>
BUSE 150 Human Relations in Business .....	3
MARK 110 Principles of Retailing .....	3
COMS 135 Interpersonal Communication .....	3

**Total Units = 9**

**Certificate of Performance  
Retail Management Intermediate  
Course**

<b>Courses Required for the Major:</b>	<b>Units</b>
ACCT 116A Financial Accounting .....	4
BUSE 100 Introduction to Business .....	3
MARK 100 Principles of Marketing .....	3

**Total Units = 10**

**Certificate of Performance  
Retail Management Foundation  
Courses**

<b>Courses Required for the Major:</b>	<b>Units</b>
BUSE 119 Business Communications .....	3
BIOL 101 Issues in Environmental Biology .....	4
CISC 181 Principles of Information Systems .....	4
COMS 103 Oral Communication .....	3

**Total Units = 13**

**Certificate of Achievement  
Retail Management**

<b>Courses Required for the Major:</b>	<b>Units</b>
ACCT 116A Financial Accounting .....	4
BUSE 100 Introduction to Business .....	3
BUSE 101 Business Mathematics .....	3
BUSE 119 Business Communications .....	3
BUSE 150 Human Relations in Business .....	3
CISC 181 Principles of Information Systems .....	4
MARK 100 Principles of Marketing .....	3
MARK 110 Principles of Retailing .....	3
COMS 103 Oral Communication .....	3
COMS 135 Interpersonal Communication .....	3

**Total Units = 32**

**Associate of Science Degree  
Retail Management**

<b>Courses Required for the Major:</b>	<b>Units</b>
ACCT 116A Financial Accounting .....	4
BIOL 101 Issues in Environmental Biology .....	4
BUSE 100 Introduction to Business .....	3
BUSE 101 Business Mathematics .....	3
BUSE 119 Business Communications .....	3
ENGL 101 Reading and Composition .....	3
BUSE 140 Business Law and the Legal Environment .....	3
BUSE 150 Human Relations in Business .....	3
CISC 181 Principles of Information Systems .....	4
ECON 120 Principles of Macroeconomics .....	3
MARK 100 Principles of Marketing .....	3
MARK 110 Principles of Retailing .....	3
PHIL 102B Introduction to Philosophy: Values .....	3
COMS 103 Oral Communication .....	3
COMS 135 Interpersonal Communication .....	3
COMS 180 Intercultural Communication .....	3

**Total Units = 51**

ACTION

Adoption of a program revision at City College.

Proposed program revisions at City College:

**Certificate of Performance  
Assistant Teacher**

**Courses Required for the Major:                      Units**  
 CHIL 101 Human Growth and Development.....3  
CHIL 141 The Child, Family and Community...3  
 CHIL 180 Nutrition, Health and Safety for  
     Children .....3

**Select one course from:                                      Units**  
 CHIL 111 Curriculum: Music/Motor Skills ~~or~~ ..3  
 CHIL 121 Creative Art ~~or~~ .....3  
~~CHIL 131 Curriculum: Language/Science ~~or~~~~  
~~CHIL 141 The Child, Family and Community...3~~  
CHIL 133 Language and Literature.....3  
CHIL 135 Curriculum: Science and Math.....3

**Select one course from:                                      Units**  
 CHIL 160 Observing and Understanding  
     Children .....2  
 CHIL 161 Observations and Issues in Child  
     Development.....2  
 CHIL 270 Work Experience.....1 - 4  
 CHIL 291 Child Development Lab  
     Practicum .....1 - 4  
 CHIL 291A Child Development Center  
     Practicum .....1  
 CHIL 291B Child Development Center  
     Practicum .....1  
 CHIL 291C Child Development Center  
     Practicum 1  
 CHIL 291D Child Development Center  
     Practicum .....1

**Total Units = ~~10-13~~ 13- 16**

**Certificate of Performance  
Family Child Care**

**Courses Required for the Major:                      Units**  
~~CHIL 100 Introduction to Child Development ~~or~~~~  
~~CHIL 101 Human Growth and Development.....3~~  
 CHIL 180 Nutrition, Health and Safety for  
     Children .....3  
CHIL 141 The Child, Family and Community...3

**Select one course from:                                      Units**  
 CHIL 111 Curriculum: Music/Motor Skills ~~or~~ ..3  
 CHIL 121 Creative Art ~~or~~ .....3  
~~CHIL 131 Curriculum: Language/Science ~~or~~~~  
~~CHIL 175 Infant Toddler Growth and  
     Development.....3~~  
CHIL 133 Language and Literature .....3  
CHIL 135 Curriculum: Science and Math.....3  
CHIL 176 Principles of Infant/Toddler  
     Caregiving 3

**Total Units =9**



**Certificate of Performance  
School Age Child Care**

<b>Courses Required for the Major:</b>	<b>Units</b>
<del>CHIL 100 Introduction to Child Development or</del>	
CHIL 101 Human Growth and Development.....	3
CHIL 152 School Age Program Planning .....	3

<b>Select six units from the following:</b>	<b>Units</b>
EDUC 200 Teaching as a Profession and	
EDUC 203 Service Learning for Prospective	
Teachers.....	3
MATH 210A Concepts of Elementary School	
Mathematics I.....	3
MUSI 110 Music for Elementary School	
Teachers.....	3
EXSC 240 .. Physical Education in the Elementary	
Schools .....	3

**Total Units = 12**

**Certificate of Achievement  
Associate Teacher**

<b>Courses Required for the Major:</b>	<b>Units</b>
CHIL 101 Human Growth and Development.....	3
CHIL 141 The Child, Family and Community...	3
CHIL 180 Nutrition, Health and Safety for	
Children .....	3

<b>Select two courses from:</b>	<b>Units</b>
CHIL 111 Curriculum: Music/Motor Skills .....	3
CHIL 121 Creative Art.....	3
<del>CHIL 131 Curriculum: Language/Science.....</del>	<del>3</del>
<u>CHIL 133 Language and Literature .....</u>	<u>3</u>
<u>CHIL 135 Curriculum: Science and Math.....</u>	<u>3</u>
CHIL 153 Techniques of Teaching Using the	
Reggio Emilia Approach .....	3

<b>Select three or more units from:</b>	<b>Units</b>
CHIL 160 Observing and Understanding	
Children .....	2
CHIL 161 Observations and Issues in Child	
Development.....	2
CHIL 270 Work Experience.....	1 - 4
CHIL 291 Child Development Lab	
Practicum .....	1 - 4
CHIL 291A Child Development Center	
Practicum.....	1
CHIL 291B Child Development Center	
Practicum.....	1
CHIL 291C Child Development Center	
Practicum.....	1
CHIL 291D Child Development Center	
Practicum.....	1

**Total Units = 18-19**

**Certificate of Achievement  
Master Teacher**

<b>Courses Required for the Major:</b>	<b>Units</b>
CHIL 101 Human Growth and Development.....	3
<del>CHIL 111 Curriculum: Music/Motor Skills.....</del>	<del>3</del>
<del>CHIL 121 Creative Art *Active*.....</del>	<del>3</del>
<del>CHIL 131 Curriculum: Language/Science.....</del>	<del>3</del>
CHIL 141 The Child, Family and Community...	3
CHIL 151 Program Planning.....	3
<u>CHIL 155 Supervised Field Study Seminar.....</u>	<u>1</u>
CHIL 180 Nutrition, Health and Safety for Children.....	3
CHIL 215 Adult Supervision and Mentoring in Early Childhood Settings.....	3
CHIL 270 Work Experience <b>or</b> .....	<u>2-4</u>
<del>CHIL 275 Supervised Field Study.....</del>	<del>1-3</del>

**Select three of the following courses:**

	<b>Units</b>
<u>CHIL 111 Curriculum: Music/Motor Skills.....</u>	<u>3</u>
<u>CHIL 121 Creative Art *Active*.....</u>	<u>3</u>
<u>CHIL 133 Language and Literature.....</u>	<u>3</u>
<u>CHIL 135 Curriculum: Science and Math.....</u>	<u>3</u>

Select one of the following specializations: (6 - 7 units)

<b>Guiding Young Children</b>	<b>Units</b>
CHIL 160 Observing and Understanding Children.....	2
CHIL 161 Observations and Issues in Child Development.....	2
<u>CHIL 162 Observing and Guiding Child Behavior.....</u>	<u>3</u>

<b>Family Life</b>	<b>Units</b>
CHIL 160 Observing and Understanding Children.....	2
CHIL 161 Observations and Issues in Child Development.....	2
CHIL 188 Violence in the Lives of Children and Families.....	3

<b>Special Needs</b>	<b>Units</b>
CHIL165 Children with Special Needs.....	3
CHIL 166 Special Needs Curriculum.....	3

<b>Infant/Toddler</b>	<b>Units</b>
CHIL 175 Infant-Toddler Growth and Development.....	3
CHIL 176 Principles of Infant/Toddler Caregiving.....	3

*Students must select CHIL 152 and one of the other three courses.*

<b>School Age</b>	<b>Units</b>
CHIL 152 School Age Program Planning <b>and</b>	
MATH 210A Concepts of Elementary School Mathematics I <b>or</b>	
MUSI 110 Music for Elementary School Teachers <b>or</b>	
EXSC 240 Physical Education in the Elementary Schools.....	3

Select one of the following three options ~~that is not part of your specialization (see specializations listed below)~~ to complete the ~~minimum 24 units core requirements~~ **outside of your specialization:**

	<b>Units</b>
CHIL 160 Observing and Understanding Children <b>and</b>	
CHIL 161 Observations and Issues in Child Development <b>or</b>	
CHIL 165 Children with Special Needs <b>or</b>	
CHIL 175 Infant-Toddler Growth and Development.....	3

**Total Units = ~~34-39~~ 36-40**

**Certificate of Achievement  
Teacher**

<b>Courses Required for the Major:</b>	<b>Units</b>
CHIL 101 Human Growth and Development.....	3
<del>CHIL 111 Curriculum: Music/Motor Skills .....</del>	<del>3</del>
<del>CHIL 121 Creative Art *Active* .....</del>	<del>3</del>
<del>CHIL 131 Curriculum: Language/Science .....</del>	<del>3</del>
CHIL 141 The Child, Family and Community...	3
CHIL 151 Program Planning .....	3
CHIL 180 Nutrition, Health and Safety for Children .....	3
<u>CHIL 155 Supervised Field Study Seminar .....</u>	<u>1</u>
<u>CHIL 270 Work Experience .....</u>	<u>2 - 4</u>

<b>Select three of the following courses:</b>	<b>Units</b>
CHIL 111 Curriculum: Music/Motor Skills .....	3
CHIL 121 Creative Art .....	3
CHIL 133 Language and Literature .....	3
CHIL 135 Curriculum: Science and Math .....	3

<b>And concurrent enrollment in:</b>	<b>Units</b>
<del>CHIL 270 Work Experience or</del>	
<del>CHIL 275 Supervised Field Study .....</del>	<del>2-3</del>

<b>Select one of the following three options: Units</b>	
<u>CHIL 160 Observing and Understanding Children</u>	
<u>and</u>	
<u>CHIL 161 Observations and Issues in Child</u>	
<u>Development or</u>	
<u>CHIL 165 Children with Special Needs or</u>	
<u>CHIL 175 Infant-Toddler Growth and</u>	
<u>Development .....</u>	<u>2-3</u>

**Total Units = ~~26-29~~ 27-30**

**Associate of Science Degree  
Child Development  
Early Childhood Education**

<b>Courses Required for the Major:</b>	<b>Units</b>
CHIL 101 Human Growth and Development.....	3
<del>CHIL 111 Curriculum: Music/Motor Skills .....</del>	<del>3</del>
<del>CHIL 121 Creative Art *Active* .....</del>	<del>3</del>
<del>CHIL 131 Curriculum: Language/Science .....</del>	<del>3</del>
CHIL 141 The Child, Family and Community...	3
CHIL 151 Program Planning .....	3
<u>CHIL 155 Supervised Field Study Seminar .....</u>	<u>1</u>
CHIL 180 Nutrition, Health and Safety for Children .....	3
<u>CHIL 270 Work Experience .....</u>	<u>1 - 4</u>

<b>Select three courses from the following:</b>	<b>Units</b>
CHIL 111 Curriculum: Music/Motor Skills .....	3
CHIL 121 Creative Art .....	3
CHIL 133 Language and Literature .....	3
CHIL 135 Curriculum: Science and Math .....	3

<b>Select one of the following three options: Units</b>	
CHIL 160 Observing and Understanding Children	
<b>and</b>	
CHIL 161 Observations and Issues in Child	
Development <b>or</b>	
CHIL 165 Children with Special Needs <b>or</b>	
CHIL 175 Infant-Toddler Growth and	
Development .....	2-3

**Total Units = ~~26-29~~ 26-30**

**Associate of Science Degree  
Site Supervisor**

<b>Courses Required for the Major:</b>	<b>Units</b>
CHIL 101 Human Growth and Development.....	3
CHIL 111 Curriculum: Music/Motor Skills.....	3
CHIL 121 Creative Art.....	3
CHIL 133 Language and Literature.....	3
CHIL 141 The Child, Family and Community...	3
CHIL 151 Program Planning.....	3
CHIL 155 Supervised Field Study Seminar .....	1
CHIL 180 Nutrition, Health and Safety for Children .....	3
CHIL 202 Administration of Early Childhood Programs .....	3
CHIL 210 Supervision of Early Childhood Programs .....	3
CHIL 215 Adult Supervision and Mentoring in Early Childhood Settings .....	3
CHIL 270 Work Experience.....	2 - 4

<b><u>And concurrent enrollment in:</u></b>	<b>Units</b>
CHIL 270 Work Experience <b>or</b>	
CHIL 275 Supervised Field Study.....	2 - 4
CHIL 180 Nutrition, Health and Safety for Children .....	3
CHIL 202 Administration of Early Childhood Programs .....	3
CHIL 210 Supervision of Early Childhood Programs .....	3
CHIL 215 Adult Supervision and Mentoring in Early Childhood Settings .....	3

<b>Select one of the following three options:</b>	<b>Units</b>
CHIL 160 Observing and Understanding Children <b>and</b>	
CHIL 161 Observations and Issues in Child Development <b>or</b>	
CHIL 165 Children with Special Needs	3
<b>or</b>	
CHIL 175 Infant-Toddler Growth and Development.....	2-3

<b><u>Select three of the following courses:</u></b>	<b>Units</b>
CHIL 111 Curriculum: Music/Motor Skills .....	3
CHIL 121 Creative Art.....	3
CHIL 133 Language and Literature .....	3
CHIL 135 Curriculum: Science and Math.....	3

**Total Units = ~~35-38~~ 36-39**

ACTION

Adoption of a program revision at City College.

Proposed program revisions at City College:

**Certificate of Performance  
Video Production**

<b>Courses Required for the Major:</b>	<b>Units</b>
RTVF 124 Electronic Field Production.....	3
<b>Select six units from the following:</b>	<b>Units</b>
RTVF 115 Radio and Television Management Principles .....	3
RTVF 118 Television Studio Operations.....	3
<del>RTVF 122 Television Production or</del>	
<del>RTVF 123 Advanced Television Production .....</del>	<del>3</del>
RTVF 124 Electronic Field Production.....	3
RTVF 126 Art Direction for Film and Television .....	3
RTVF 128 Lighting for Television and Film.....	3
RTVF 146 The TV News Field Report .....	3
RTVF 175 Radio and Television Sales.....	3
DMPR 153 Introduction to Nonlinear Editing <b>or</b> DMPR 155 Advanced Nonlinear Editing.....	3
<b>Total Units = 9</b>	

**Certificate of Achievement  
Radio**

<b>Courses Required for the Major:</b>	<b>Units</b>
RTVF 105 Media Performance .....	3
RTVF 130 Radio Programming .....	3
<b>Select nine units from the following:</b>	<b>Units</b>
RTVF 106 Acting for Radio/Voice-Over.....	3
RTVF 107 Audio Production .....	3
RTVF 115 Radio and Television Management Principles .....	3
RTVF 132 Radio Remote Concert Production...	2
RTVF 140 Radio and TV Newswriting.....	3
RTVF 141 Radio News Production.....	4
<u>RTVF 242A Radio Broadcast Concert Production Workshop – Sound Mixing.....</u>	<u>1</u>
<u>RTVF 242B Radio Broadcast Concert Production Workshop – Producing .....</u>	<u>1</u>
RTVF 247A Radio Broadcasting Workshop – Production <b>or</b>	
RTVF 247B Radio Broadcasting Workshop – News <b>or</b>	
RTVF 247C Radio Broadcasting Workshop – Music <b>or</b>	
RTVF 247D Radio Broadcasting Workshop - Programming .....	1
RTVF 290 Independent Study.....	1 – 3
<b>Total Units = 15</b>	

**Certificate of Achievement  
Video Production**

<b>Courses Required for the Major:</b>	<b>Units</b>
RTVF 118 Television Studio Operations .....	3
<del>RTVF 122 Television Production or</del>	
<del>RTVF 123 Advanced Television Production .....</del>	<del>3</del>
RTVF 124 Electronic Field Production.....	3

<b>Select nine units from the following:</b>	<b>Units</b>
RTVF 115 Radio and Television Management Principles .....	3
RTVF 125 Advanced Television and Video Production.....	3
RTVF 126 Art Direction for Film and Television .....	3
RTVF 128 Lighting for Television and Film.....	3
<u>RTVF 131 Advanced Radio Performance .....</u>	<u>4</u>
RTVF 146 The TV News Field Report .....	3
RTVF 167 Motion Picture Production .....	3
RTVF 175 Radio and Television Sales .....	3
DMPR 153 Introduction to Nonlinear Editing <b>or</b>	
DMPR 155 Advanced Nonlinear Editing .....	3
RTVF 290 Independent Study.....	1 – 3

**Total Units = 48 15**

**Associate of Science Degree  
Documentary Film**

<b>Courses Required for the Major:</b>	<b>Units</b>
RTVF 100 Introduction to Radio and Television <b>or</b>	
JOUR 202 Introduction to Mass Communication <b>or</b> .....	
DJRN 100 Mass Media in the Digital Age.....	3
RTVF 107 Audio Production .....	3
RTVF 118 Television Studio Operations .....	3
RTVF 140 Radio and TV Newswriting.....	3
RTVF160 Introduction to Cinema.....	3

**Complete the following courses for the documentary film area of specialization:** Units

RTVF 110 Introduction to Scriptwriting .....	3
RTVF 111 Producing for On Location Filming .....	3
RTVF 112 Documentary Film Production .....	3
<del>RTVF 122 Television Production or</del>	
<del>RTVF 123 Advanced Television Production .....</del>	<del>3</del>
RTVF 124 Electronic Field Production.....	3
RTVF 126 Art Direction for Film and Television .....	3
RTVF 128 Lighting for Television and Film .....	3
RTVF 146 The TV News Field Report .....	3
DMPR 153 Introduction to Nonlinear Editing ...	3
DMPR 155 Advanced Nonlinear Editing .....	3
RTVF 167 Motion Picture Production .....	3

**Total Units = 48 45**

**Associate of Science Degree  
Radio**

<b>Courses Required for the Major:</b>	<b>Units</b>
RTVF 100 Introduction to Radio and Television <b>or</b>	
JOUR 202 Introduction to Mass Communication <b>or</b>	
DJRN 100 Mass Media in the Digital Age .....	3
RTVF 107 Audio Production .....	3
RTVF 118 Television Studio Operations .....	3
RTVF 140 Radio and TV Newswriting.....	3
RTVF 160 Introduction to Cinema.....	3

**Complete the following courses for emphasis in radio:**

	<b>Units</b>
RTVF 105 Media Performance .....	3
RTVF 106 Acting for Radio/Voice-Over .....	3
RTVF 115 Radio and Television Management Principles .....	3
RTVF 130 Radio Programming .....	3
RTVF 131 Advanced Radio Performance .....	4
RTVF 132 Radio Remote Concert Production.....	2
RTVF 141 Radio News Production.....	4
<u>RTVF 242A Radio Broadcast Concert Production Workshop – Sound Mixing.....</u>	<u>1</u>
<u>RTVF 242B Radio Broadcast Concert Production Workshop – Producing .....</u>	<u>1</u>
RTVF 247A Radio Broadcasting Workshop – Production <b>or</b>	
RTVF 247B Radio Broadcasting Workshop – News <b>or</b>	
RTVF 247C Radio Broadcasting Workshop – Music <b>or</b>	
RTVF 247D Radio Broadcasting Workshop – Programming .....	1

**Total Units = 38 40**

**Associate of Science Degree  
Video Production**

<b>Courses Required for the Major:</b>	<b>Units</b>
RTVF 100 Introduction to Radio and Television <b>or</b>	
JOUR 202 Introduction to Mass Communication <b>or</b>	
DJRN 100 Mass Media in the Digital Age.....	3
RTVF 107 Audio Production .....	3
RTVF 118 Television Studio Operations .....	3
RTVF 140 Radio and TV Newswriting.....	3
RTVF 160 Introduction to Cinema .....	3

**Complete the following courses for the Video Production Area of Specialization:**

	<b>Units</b>
RTVF 105 Media Performance .....	3
RTVF 115 Radio and Television Management Principles .....	3
<del>RTVF 123 Advanced Television Production .....</del>	<del>3</del>
RTVF 124 Electronic Field Production.....	3
RTVF 125 Advanced Television and Video Production <b>or</b>	
<del>RTVF 127 Basic TV Production Switcher Operation.....</del>	<del>0.5</del>
RTVF 146 The TV News Field Report .....	3
RTVF 126 Art Direction for Film and Television <b>or</b>	
RTVF 128 Lighting for Television and Film .....	3
DMPR 151 Introduction to Multimedia <b>or</b>	
DMPR 153 Introduction to Nonlinear Editing .....	3

**Total Units = ~~36.5~~ 33**

ACTION

Adoption of a program revision at City College.

Proposed program revisions at City College:

**Certificate of Achievement  
Administrative Assistant**

*The Computer Business Technology Department requires students to complete all CBTE requirements for the certificate within five years.*

<b>Courses Required for the Major:</b>	<b>Units</b>
CBTE 094 Introduction to Computer Keyboarding <b>or</b>	
CBTE 095 Keyboarding Skill Development .....	1
CBTE 114 Introduction to Microsoft Windows .....	1
CBTE 120 Beginning Microsoft Word .....	2
CBTE 122 Intermediate Microsoft Word .....	3
CBTE 127 Introduction to PowerPoint .....	2
CBTE 140 Microsoft Excel .....	2
CBTE 152 Beginning Microsoft Access .....	2
CBTE 162 Web Page Creation.....	2
CBTE 205 Records Management <b>or</b>	
<u>CBTE 206 Electronic Records Management.....</u>	<u>3</u>
CBTE 210 Computers in Business <b>or</b>	
CBTE 211 Office Administration.....	3
BUSE 101 Business Mathematics .....	3
BUSE 119 Business Communications.....	3

**Total Units = 27**

**Certificate of Achievement  
Administrative Office Management**

*The Computer Business Technology Department requires students to complete all CBTE requirements for the certificate within five years.*

<b>Courses Required for the Major:</b>	<b>Units</b>
CBTE 094 Introduction to Computer Keyboarding .....	1
CBTE 095 Keyboarding Skill Development .....	1
CBTE 114 Introduction to Microsoft Windows .....	1
CBTE 164 Introduction to Microsoft Outlook ...	1
CBTE 180 Microsoft Office .....	3
CBTE 205 Records Management <b>or</b>	
<u>CBTE 206 Electronic Records Management .....</u>	<u>3</u>
CBTE 210 Computers in Business <b>or</b>	
CBTE 211 Office Administration.....	3
ACCT 150 Computer Accounting Applications.	3
BUSE 101 Business Mathematics .....	3
BUSE 119 Business Communications .....	3
BUSE 150 Human Relations in Business.....	3
BUSE 155 Managing the Small Business .....	3

**Total Units = 27**



**Associate of Science Degree  
Administrative Assistant**

*The Computer Business Technology Department requires students to complete all CBTE requirements for the degree within five years.*

<b>Courses Required for the Major:</b>	<b>Units</b>
CBTE 094 Introduction to Computer Keyboarding <b>or</b>	
CBTE 095 Keyboarding Skill Development .....	1
CBTE 114 Introduction to Microsoft Windows .....	1
CBTE 120 Beginning Microsoft Word .....	2
CBTE 122 Intermediate Microsoft Word .....	3
CBTE 127 Introduction to PowerPoint .....	2
CBTE 140 Microsoft Excel .....	2
CBTE 143 Intermediate Microsoft Excel .....	3
CBTE 152 Beginning Microsoft Access .....	2
CBTE 162 Web Page Creation .....	2
CBTE 164 Introduction to Microsoft Outlook ...	1
CBTE 205 Records Management <b>or</b> <u>CBTE 206 Electronic Records Management.....</u>	<u>3</u>
CBTE 210 Computers in Business <b>or</b>	
CBTE 211 Office Administration.....	3
BUSE 101 Business Mathematics .....	3
BUSE 119 Business Communications.....	3

**Total Units = ~~28~~ 31**

**Associate of Science Degree  
Administrative Office Management**

*The Computer Business Technology Department requires students to complete all CBTE requirements for the certificate within five years.*

<b>Courses Required for the Major:</b>	<b>Units</b>
CBTE 094 Introduction to Computer Keyboarding .....	1
CBTE 095 Keyboarding Skill Development .....	1
CBTE 114 Introduction to Microsoft Windows .....	1
CBTE 164 Introduction to Microsoft Outlook ...	1
CBTE 180 Microsoft Office .....	3
CBTE 205 Records Management <b>or</b> <u>CBTE 206 Electronic Records Management .....</u>	<u>3</u>
CBTE 210 Computers in Business <b>or</b>	
CBTE 211 Office Administration.....	3
ACCT 150 Computer Accounting Applications.	3
BUSE 101 Business Mathematics .....	3
BUSE 119 Business Communications .....	3
BUSE 150 Human Relations in Business.....	3
BUSE 155 Managing the Small Business .....	3

**Total Units = 27**

ACTION

Adoption of a program revision at City College.

Proposed program revisions at City College:

**Certificate of Achievement  
Cosmetology**

*The Cosmetology department requires students to complete all required courses within seven years.*

<b>Courses Required for the Major:</b>	<b>Units</b>
COSM 050L Fundamentals of Cosmetology <del>or</del>	6
<del>COSM 50LA Fundamentals of Cosmetology and</del>	
<del>COSM 50LB Fundamentals of Cosmetology II</del>	<del>6</del>
COSM 050 Rules, Regulations and Physiology .....	2.5
COSM 060L Intermediate Cosmetology Lab I <del>or</del> .....	6
<del>COSM 60LA Intermediate Cosmetology Lab IA and</del>	
<del>COSM 60LB Intermediate Cosmetology Lab IB .....</del>	<del>6</del>
COSM 060 Resolution of Skin Diseases and Disorders.....	2.5
COSM 070L Intermediate Cosmetology Lab II <del>or</del> .....	6
<del>COSM 70LA Intermediate Cosmetology Lab IA and</del>	
<del>COSM 70LB Intermediate Cosmetology Lab IB .....</del>	<del>6</del>
COSM 070 Chemistry and Chemical Services.....	2.5
COSM 080L Advanced Cosmetology Lab I <del>or</del> ..	6
<del>COSM 80LA .....Advanced Cosmetology Lab IA and</del>	
<del>COSM 80LB Advanced Lab IB .....</del>	<del>6</del>
COSM 081 Basic Business Practices .....	2.5
COSM 090L Advanced Cosmetology Lab II <del>or</del>	6
<del>COSM 90LA Advanced Lab IA and</del>	
<del>COSM 90LB Advanced Lab IB .....</del>	<del>6</del>
COSM 095 State Board Review.....	2.5

**Total Units = 42.5**

**Associate of Science Degree  
Cosmetology**

*The Cosmetology department requires students to complete all required courses within seven years.*

<b>Courses Required for the Major:</b>	<b>Units</b>
COSM 050L Fundamentals of Cosmetology <del>or</del>	6
<del>COSM 50LA Fundamentals of Cosmetology and</del>	
<del>COSM 50LB Fundamentals of Cosmetology II</del>	<del>6</del>
COSM 050 Rules, Regulations and Physiology .....	2.5
COSM 060L Intermediate Cosmetology Lab I <del>or</del> .....	6
<del>COSM 60LA Intermediate Cosmetology Lab IA and</del>	
<del>COSM 60LB Intermediate Cosmetology Lab IB .....</del>	<del>6</del>
COSM 060 Resolution of Skin Diseases and Disorders.....	2.5
COSM 070L Intermediate Cosmetology Lab II <del>or</del> .....	6
<del>COSM 70LA Intermediate Cosmetology Lab IA and</del>	
<del>COSM 70LB Intermediate Cosmetology Lab IB .....</del>	<del>6</del>
COSM 070 Chemistry and Chemical Services.....	2.5
COSM 080L Advanced Cosmetology Lab I <del>or</del> ..	6
<del>COSM 80LA .....Advanced Cosmetology Lab IA and</del>	
<del>COSM 80LB Advanced Lab IB .....</del>	<del>6</del>
COSM 081 Basic Business Practices .....	2.5
COSM 090L Advanced Cosmetology Lab II <del>or</del>	6
<del>COSM 90LA Advanced Lab IA and</del>	
<del>COSM 90LB Advanced Lab IB .....</del>	<del>6</del>
COSM 095 State Board Review.....	2.5

Cosmetology

**Complete the following additional courses  
required for the major:**

	<b>Units</b>
BUSE 100 Introduction to Business .....	3
CHEM 100 Fundamentals of Chemistry .....	3
CHEM 100L Fundamentals of Chemistry Laboratory.....	1

**Total Units = 49.5**

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Certificate of Achievement**  
**Acting**

<b>Courses Required for the Major:</b>	<b>Units</b>
DRAM 112 Introduction to Script Analysis.....	3
DRAM 119 Acting for Film and Television .....	3
<del>DRAM 122 Makeup for the Stage.....</del>	<del>2</del>
<u>DRAM 124 Makeup for the Stage.....</u>	<u>3</u>
DRAM 132 Beginning Acting.....	3
DRAM 268 Experimental Theatre .....	2 - 3

<b>Choose six units from the following:</b>	<b>Units</b>
DRAM 070 Digital Video Production for the Dramatic Arts .....	3
DRAM 071 Digital Video Production for the Dramatic Arts II.....	3
DRAM 133 Intermediate Acting .....	3
DRAM 165 Introduction to Stage Movement ....	3

**Total Units = ~~19-20~~ 20-21**

Exercise Science

Pursuant to Section 78016 of the Education Code, the following is a program review summary:

Certificate of Performance Yoga Teacher Program

- A. Labor Market Information<sup>1</sup>: The annual average number of persons employed in the Yoga Teacher program area is 2,760 in the 2012 employment year. Approximately 110 new job openings are projected through 2022.
- B. Duplication<sup>2</sup>: MiraCosta College.
- C. Effectiveness<sup>3</sup>: Program area OR the projected enrollment of 45 for the 2015-2016 year in the new program area.

- 1. California Employment Development Department
- 2. CCC Curriculum Inventory
- 3. Miramar College Student Interest Survey

ACTION

Adoption of a new program at Miramar College.

Proposed new program at Miramar College:

**Certificate of Performance  
Yoga Teacher**

<b>Courses Required for the Major:</b>	<b>Units</b>
EXSC 292 Yoga Teacher Training Essentials ....	3
EXSC 293 Yoga Teacher Training Progressive Methodologies .....	3
EXSC 145A Yoga I-Fundamentals of Yoga <b>or</b>	
EXSC 145B Yoga II-Beginning Yoga <b>or</b>	
EXSC 145C Yoga III-Intermediate <b>or</b>	
EXSC 145D Yoga IV - Advanced	
Level .....	0.5 – 1

**Total Units = 6.5-7**

ACTION

Adoption of a program revision at Mesa College.

Proposed program revisions at Mesa College:

**Certificate of Achievement  
Fashion Design**

<b>Courses Required for the Major:</b>	<b>Units</b>
FASH 105 Introduction to Fashion .....	3
FASH 120 Fashion History and Trends.....	3
FASH 125 Fashion Selection .....	3
FASH 130 Apparel Construction I .....	3
FASH 140 Clothing Design and Flat Pattern I...3	
FASH 142 Fashion Sketching .....	3
FASH 145 Clothing Design Through Draping .....	3
FASH 155 Fashion Field Studies <b>or</b>	
FASH 156 International Fashion Field Studies: <u>Overview or</u>	
<u>FASH 157 International Field Studies: Focused Study.....</u>	<u>1 - 4</u>
FASH 175 Computer Fashion Design I: Adobe PhotoShop <b>or</b>	
FASH 176 Computer Fashion Design II: Adobe Illustrator.....	3
FASH 199B Fashion Laboratory B .....	1
FASH 199A Fashion Laboratory A.....	1
FASH 270 Work Experience.....	1 - 4
FASH 168 Textiles.....	3

**Total Units = 31-37**

**Certificate of Achievement  
Fashion Merchandising**

<b>Courses Required for the Major:</b>	<b>Units</b>
FASH 105 Introduction to Fashion .....	3
FASH 108 Analysis, Evaluation, and Comparison of Ready-to-Wear Fashion.....	3
FASH 110 Fashion Buying/Management3	
FASH 112 Fashion Promotion .....	3
FASH 115 Visual Merchandising .....	3
FASH 125 Fashion Selection .....	3
FASH 155 Fashion Field Studies <b>or</b>	
FASH 156 International Fashion Field Studies: <u>Overview or</u>	
<u>FASH 157 International Field Studies: Focused Study.....</u>	<u>1 - 4</u>
FASH 178 Computer Publishing and Portfolio .....	3
FASH 168 Textiles.....	3
FASH 270 Work Experience.....	2 - 4
CBTE 140 Microsoft Excel.....	2
<b>Select one course from the following:</b>	<b>Units</b>
MARK 105 Professional Selling .....	3
MARK 110 Principles of Retailing .....	3
MARK 130 Advertising Principles .....	3
FASH 190 Fashion Entrepreneurship.....	3

**Total Units = 32-37**

**Associate of Science Degree  
Fashion Design**

<b>Courses Required for the Major:</b>	<b>Units</b>
FASH 105 Introduction to Fashion .....	3
FASH 120 Fashion History and Trends.....	3
FASH 125 Fashion Selection .....	3
FASH 130 Apparel Construction I .....	3
FASH 131 Apparel Construction II.....	3
FASH 140 Clothing Design and Flat Pattern I...3	
FASH 142 Fashion Sketching .....	3
FASH 145 Clothing Design Through Draping .....	3
FASH 155 Fashion Field Studies <b>or</b>	
FASH 156 International Fashion Field Studies: <u>Overview or</u>	
FASH 157 International Field Studies: Focused <u>Study .....</u>	1 - 4
FASH 175 Computer Fashion Design I: Adobe PhotoShop <b>or</b>	
FASH 176 Computer Fashion Design II: Adobe Illustrator.....	3
FASH 199A Fashion Laboratory A.....	1
FASH 199B Fashion Laboratory B .....	1
FASH 270 Work Experience .....	1 - 4
FASH 168 Textiles .....	3
CBTE 140 Microsoft Excel .....	2
ARTF 150A Two-Dimensional Design.....	3

**Choose three units from the following: Units**

FASH 121 Ethnic Costume: History and Design .....	1
FASH 135 Tailoring .....	3
FASH 141 Clothing Design and Flat Pattern II..3	
FASH 160 Millinery Techniques .....	1
FASH 161 Millinery Flat Pattern Design .....	1
FASH 162 Millinery Blocking .....	1
FASH 170 Textile Design .....	1
FASH 171 Computer Flat Pattern Design .....	3
FASH 172 Computer Flat Pattern Design II.....	3

**Total Units = 46-52**

**Associate of Science Degree  
Fashion Merchandising**

<b>Courses Required for the Major:</b>	<b>Units</b>
FASH 105 Introduction to Fashion .....	3
FASH 108 Analysis, Evaluation, and Comparison of Ready-to-Wear Fashion.....	3
FASH 110 Fashion Buying/Management	3
FASH 112 Fashion Promotion .....	3
FASH 115 Visual Merchandising .....	3
FASH 125 Fashion Selection .....	3
FASH 155 Fashion Field Studies <b>or</b>	
FASH 156 International Fashion Field Studies: <u>Overview or</u>	
FASH 157 International Field Studies: Focused <u>Study .....</u>	1 - 4
FASH 178 Computer Publishing and Portfolio .....	3
FASH 190 Fashion Entrepreneurship.....	3
FASH 270 Work Experience.....	2 - 4
ARTF 150A Two-Dimensional Design.....	3
FASH 168 Textiles .....	3
CBTE 140 Microsoft Excel .....	2

**Select one course from the following: Units**

MARK 105 Professional Selling .....	3
MARK 110 Principles of Retailing .....	3
MARK 130 Advertising Principles .....	3

**Total Units = 38-43**

ACTION

Adoption of a program revision at Miramar College.

Proposed program revisions at Miramar College:

**Certificate of Achievement  
Fire Officer Certification**

<b>Courses Required for the Major:</b>	<b>Units</b>
FIPT 320A Command 1A .....	1
FIPT 320B Fire Command 1B.....	1
FIPT 320C Command 1C.....	1
<u>FIPT 326A Training Instructor 1A: Cognitive Lesson Delivery .....</u>	<u>0.5</u>
<u>FIPT 326B Training Instructor 1B: Psychomotor Lesson Delivery .....</u>	<u>0.5</u>
<u>FIPT 327A Fire Investigation 1A: Fire Origin and Cause Determination.....</u>	<u>0.5</u>
FIPT 328A Fire Management I .....	2
FIPT 330A Fire Prevention I.....	0.5
<del>FIPT 203A Fire Investigation IA.....</del>	<del>2</del>
<del>FIPT 206A Instructor Training IA: Psychomotor Lesson Delivery .....</del>	<del>2</del>
<del>FIPT 206B Instructor Training IB: Cognitive Lesson Delivery .....</del>	<del>2</del>
FIPT 381F Basic Fire Fighter 1 Academy.....	9
EMGM 105A Emergency Medical Technician - National Registry .....	7

**Total Units = ~~27.5~~ 23**

**Certificate of Achievement  
Fire Prevention**

<b>Courses Required for the Major:</b>	<b>Units</b>
ENGL 101 Reading and Composition.....	3
FIPT 101 Fire Protection Organization .....	3
FIPT 102 Fire Prevention Technology .....	3
FIPT 103 Fire Protection Equipment and Systems .....	3
FIPT 104 Building Construction for Fire Protection.....	3
FIPT 105 Fire Behavior and Combustion.....	3
<u>FIPT 327A Fire Investigation 1A: Fire Origin and Cause Determination.....</u>	<u>0.5</u>
FIPT 330A Fire Prevention I.....	0.5
<del>FIPT 203A Fire Investigation IA .....</del>	<del>2</del>
ADJU 357A 832 PC Laws of Arrest .....	1

**Total Units = ~~21.5~~ 20**



**Certificate of Achievement  
Fire Technology**

<b>Courses Required for the Major:</b>	<b>Units</b>
FIPT 150A Introduction to Fire Suppression and Maintenance Manipulative Tasks (Beginning).....	1.5
FIPT 101 Fire Protection Organization .....	3
FIPT 102 Fire Prevention Technology .....	3
FIPT 103 Fire Protection Equipment and Systems .....	3
FIPT 104 Building Construction for Fire Protection.....	3
FIPT 105 Fire Behavior and Combustion.....	3
FIPT 107 Fire Fighting Tactics and Strategy ...	3
FIPT 109 Fire Service Hydraulics .....	3
FIPT 110 Wildland Fire Control .....	3
FIPT 120 Firefighter Safety and Survival .....	3
FIPT 322B Confined Space Rescue Awareness.....	0.2
FIPT 323B Haz Mat Emergency Response First Responder Operational.....	0.5
<del>FIPT 308C Confined Space Awareness .....</del>	<del>0.2</del>
EMGM 105A Emergency Medical Technician - National Registry .....	7

**Total Units =36.2**

**Associate of Science Degree  
Fire Officer Certification**

<b>Courses Required for the Major:</b>	<b>Units</b>
FIPT 320A Command 1A .....	1
FIPT 320B Fire Command 1B .....	1
FIPT 320C Command 1C.....	1
<u>FIPT 326A Training Instructor 1A: Cognitive Lesson Delivery .....</u>	<u>0.5</u>
<u>FIPT 326B Training Instructor 1B: Psychomotor Lesson Delivery .....</u>	<u>0.5</u>
<u>FIPT 327A Fire Investigation 1A: Fire Origin and Cause Determination.....</u>	<u>0.5</u>
FIPT 328A Fire Management I .....	2
FIPT 330A Fire Prevention I.....	0.5
<del>FIPT 203A Fire Investigation IA .....</del>	<del>2</del>
<del>FIPT 206A Instructor Training IA: Psychomotor Lesson Delivery .....</del>	<del>2</del>
<del>FIPT 206B Instructor Training IB: Cognitive Lesson Delivery .....</del>	<del>2</del>
FIPT 381F Basic Fire Fighter 1 Academy.....	9
EMGM 105A Emergency Medical Technician - National Registry .....	7

**Total Units = ~~27.5~~ 23**

**Associate of Science Degree  
Fire Prevention**

<b>Courses Required for the Major:</b>	<b>Units</b>
ENGL 101 Reading and Composition .....	3
FIPT 101 Fire Protection Organization .....	3
FIPT 102 Fire Prevention Technology .....	3
FIPT 103 Fire Protection Equipment and Systems .....	3
FIPT 104 Building Construction for Fire Protection .....	3
FIPT 105 Fire Behavior and Combustion.....	3
<u>FIPT 327A Fire Investigation 1A: Fire Origin and Cause Determination.....</u>	<u>0.5</u>
FIPT 330A Fire Prevention I .....	0.5
<del>FIPT 203A Fire Investigation IA.....</del>	<del>2</del>
ADJU 357A 832 PC Laws of Arrest .....	1

**Total Units = ~~21.5~~ 20**

**Associate of Science Degree  
Fire Technology**

<b>Courses Required for the Major:</b>	<b>Units</b>
FIPT 150A Introduction to Fire Suppression and Maintenance Manipulative Tasks (Beginning).....	1.5
FIPT 101 Fire Protection Organization .....	3
FIPT 102 Fire Prevention Technology .....	3
FIPT 103 Fire Protection Equipment and Systems .....	3
FIPT 104 Building Construction for Fire Protection.....	3
FIPT 105 Fire Behavior and Combustion.....	3
FIPT 107 Fire Fighting Tactics and Strategy ...	3
FIPT 109 Fire Service Hydraulics .....	3
FIPT 110 Wildland Fire Control .....	3
FIPT 120 Firefighter Safety and Survival .....	3
FIPT 322B Confined Space Rescue Awareness.....	0.2
FIPT 323B Haz Mat Emergency Response First Responder Operational .....	0.5
<del>FIPT 308C Confined Space Awareness .....</del>	<del>0.2</del>
EMGM 105A Emergency Medical Technician - National Registry .....	7

**Total Units =36.2**

ACTION

Adoption of a program revision at Mesa College.

Proposed program revisions at Mesa College:

**Associate of Arts Degree  
Liberal Arts and Sciences: Art  
Studies-Drama**

<b>Courses Required for the Major:</b>	<b>Units</b>
DRAM 105 Introduction to Dramatic Arts.....	3
DRAM 132 Beginning Acting.....	3
DRAM 133 Intermediate Acting .....	3
<b>Select a minimum of 9 units:</b>	
<b>DRAM 100A Fundamentals of Performance and Production I.....</b>	<b>4</b>
<b>DRAM 100B Fundamentals of Performance and Production II .....</b>	<b>4</b>
<b>DRAM 104A Theatre Company Performance I .....</b>	<b>1 - 2</b>
<b>DRAM 104B Theatre Company Performance II .....</b>	<b>1 - 2</b>
<b>DRAM 200A Fundamentals of Performance and Production III.....</b>	<b>4</b>
<b>DRAM 200B Fundamentals of Performance and Production IV.....</b>	<b>4</b>
<b>DRAM 204A Theatre Company Performance III .....</b>	<b>1 - 2</b>
<b>DRAM 204B Theatre Company Performance IV .....</b>	<b>1 - 2</b>
<del><b>DRAM 122 Makeup for the Stage .....</b></del>	<del><b>2</b></del>
<b>DRAM 124 Makeup for the Stage .....</b>	<b>3</b>
<b>DRAM 150 Cinema as Art and Communication I .....</b>	<b>3</b>
<b>DRAM 151 Cinema as Art and Communication II.....</b>	<b>3</b>
<b>DRAM 268 Experimental Theatre 1 - 3</b>	
<b>COMS 101 Voice and Articulation .....</b>	<b>3</b>

**Total Units = 18**

**Associate of Arts Degree  
Liberal Arts and Sciences: Arts  
Studies in Music**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Select a minimum of 8 units:</b>	
MUSI 100 Introduction to Music .....	3
MUSI 103 History of Rock Music .....	3
MUSI 105 Music of Our Time .....	3
MUSI 109 World Music.....	3
MUSI 110 Music for Elementary School Teachers .....	3
MUSI 111 Jazz - History and Development.....	3
MUSI 116A College Piano I .....	2
MUSI 120 Beginning Voice Class .....	2
MUSI 125 Music, The Arts, and Humanity .....	3
MUSI 135A College Guitar I .....	2
MUSI 150A Basic Musicianship.....	3
<b>Select a minimum of 10 units:</b>	
MUSI 123 Recital Hour .....	0.5
MUSI 158A Music Theory I .....	4
MUSI 190 The Electronic Music Studio .....	3
MUSI 206A Projects in Composition .....	3
MUSI 210A Vocal Ensemble I .....	2.5
MUSI 252 Concert Jazz Band .....	1 - 3
MUSI 253A Ensembles I .....	1 - 3
<del>MUSI 254 Instrumental Ensemble .....</del>	<del>1</del>

**Total Units = 18**

ACTION

Adoption of a program revision at Mesa College.

Proposed program revisions at Mesa College:

**Associate of Science Degree  
Applied Mathematics**

<b>Courses Required for the Major:</b>	<b>Units</b>
MATH 107 Introduction to Scientific Programming .....	3
MATH 107L Introduction to Scientific Programming Lab .....	1
MATH 150 Calculus with Analytic Geometry I .....	5
MATH 151 Calculus with Analytic Geometry II .....	4
MATH 245 Discrete Mathematics .....	3
MATH 252 Calculus with Analytic Geometry III .....	4
MATH 254 Introduction to Linear Algebra .....	3

MATH 038 Pre Algebra and Study Skills .....	4
MATH 116 College and Matrix Algebra .....	3
MATH 121 Basic Techniques of Applied Calculus I .....	3
MATH 122 Basic Techniques of Calculus II .....	3
MATH 210A Concepts of Elementary School Mathematics I .....	3
MATH 210B Concepts of Elementary School Mathematics II .....	3

**Total Units = ~~23~~ 25-29**

**Choose two courses from the following:**

<b>Required Electives:</b>	<b>Units</b>
CISC 150 Introduction to Computer and Information Sciences .....	3
ENGL 101 Reading and Composition .....	3
MATH 046 Elementary Algebra and Geometry .....	5
MATH 096 Intermediate Algebra and Geometry .....	5
MATH 104 Trigonometry .....	3
MATH 118 A Survey of Modern Mathematics .....	3
MATH 119 Elementary Statistics .....	3
MATH 141 Precalculus .....	5
MATH 255 Differential Equations .....	3
PSYC 101 General Psychology .....	3
PHYS 195 Mechanics .....	5
PHYS 196 Electricity and Magnetism .....	5
PHYS 125 General Physics .....	5
PHYS 126 General Physics II .....	5

**Other courses offered in Mathematics to support other majors:**

	<b>Units</b>
MATH 034A Basic Mathematics and Study Skills .....	4

**Associate of Arts Degree  
Mathematics**

<b>Courses Required for the Major:</b>	<b>Units</b>
MATH 150 Calculus with Analytic Geometry I .....	5
MATH 151 Calculus with Analytic Geometry II.....	4
MATH 245 Discrete Mathematics .....	3
MATH 252 Calculus with Analytic Geometry III .....	4
MATH 254 Introduction to Linear Algebra .....	3

<b>Select three units from:</b>	<b>Units</b>
MATH 107 Introduction to Scientific Programming .....	3
MATH 107L Introduction to Scientific Programming Lab .....	1
MATH 119 Elementary Statistics <b>or</b> MATH 255 Differential Equations <b>or</b> PHIL 101 Symbolic Logic.....	3

<b>Other courses offered in Mathematics to support other majors:</b>	<b>Units</b>
MATH 034A Basic Mathematics and Study Skills .....	4
MATH 038 Pre Algebra and Study Skills.....	4
MATH 116 College and Matrix Algebra.....	3
MATH 121 Basic Techniques of Applied Calculus I.....	3
MATH 122 Basic Techniques of Calculus II.....	3
MATH 210A Concepts of Elementary School Mathematics I .....	3
MATH 210B Concepts of Elementary School Mathematics II .....	3
MATH 290 Independent Study .....	1-3

**Total Units = ~~22-23~~ 22**

ACTION

Adoption of a program revision at Mesa College.

Proposed program revisions at Mesa College:

**Certificate of Performance  
Music Technology**

<b>Courses Required for the Major:</b>	<b>Units</b>
MUSI 123 Recital Hour.....	0.5
MUSI 150A Basic Musicianship.....	3
MUSI 190 The Electronic Music Studio.....	3
MUSI 201 Recording Arts.....	3
MUSI 202 Computer Music.....	3

<b>Select one course from:</b>	<b>Units</b>
MUSI 205A Projects in Electronic Music <b>or</b>	
MUSI 205B Projects in Electronic Music <b>or</b>	
MUSI 206A Projects in Composition <b>or</b>	
MUSI 206B Projects in Composition.....	3

<b>Select two units from:</b>	<b>Units</b>
MUSI 116A College Piano I.....	2
MUSI 116B College Piano II.....	2
MUSI 216 College Piano III.....	2
<del>MUSI 132A Classical Guitar I.....</del>	<del>1</del>
<del>MUSI 132B Classical Guitar II.....</del>	<del>1</del>

**Total Units = 17.5**

**Associate of Arts Degree  
Music Studies**

*Students may design their own Associate in Arts degree by choosing the appropriate number of units from the following two lists. Music majors planning to transfer to a four-year college as juniors are strongly urged to take the Recommended Electives.*

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Select fifteen units from the following courses.</b>	
MUSI 100 Introduction to Music.....	3
<del>MUSI 101 Music History I: Middle Ages to Mid</del>	<del>3</del>
<del>18<sup>th</sup> Century.....</del>	<del>3</del>
<del>MUSI 102 Music History II: Mid 18<sup>th</sup>—Early 20<sup>th</sup></del>	<del>3</del>
<del>Century.....</del>	<del>3</del>
MUSI 103 History of Rock Music.....	3
MUSI 105 Music of Our Time.....	3
MUSI 109 World Music.....	3
MUSI 110 Music for Elementary School	
Teachers.....	3
MUSI 111 Jazz - History and Development.....	3
MUSI 123 Recital Hour.....	0.5
MUSI 125 Music, The Arts, and Humanity.....	3
MUSI 150A Basic Musicianship.....	3
MUSI 158A Music Theory I.....	4
MUSI 158B Music Theory II.....	4
MUSI 213A Jazz Theory for Piano I.....	4
MUSI 213B Jazz Theory for Piano II.....	4
MUSI 258A Music Theory III.....	4
MUSI 258B Music Theory IV.....	4
MUSI 268A Beginning Ear Training	
Laboratory I.....	1
MUSI 268B Beginning Ear Training Laboratory	
II.....	1
MUSI 269A Advanced Ear Training Laboratory	
III.....	1
MUSI 269B Advanced Ear Training Laboratory	
IV.....	1

Music

Select twelve units from the following courses.

	<b>Units</b>
MUSI 116A College Piano I .....	2
MUSI 116B College Piano II .....	2
MUSI 216 College Piano III.....	2
MUSI 120 Beginning Voice Class .....	2
MUSI 121 Intermediate Voice .....	2
MUSI 137 Singers in Ensemble .....	2
<del>MUSI 132A Classical Guitar I .....</del>	<del>1</del>
<del>MUSI 132B Classical Guitar II .....</del>	<del>1</del>
MUSI 190 The Electronic Music Studio .....	3
MUSI 201 Recording Arts.....	3
MUSI 202 Computer Music .....	3
MUSI 205A Projects in Electronic Music .....	3
MUSI 205B Projects in Electronic Music .....	3
MUSI 206A Projects in Composition .....	3
MUSI 206B Projects in Composition .....	3
MUSI 210A Vocal Ensemble I.....	2.5
MUSI 210B Vocal Ensemble II.....	2.5
MUSI 210C Vocal Ensemble III .....	2.5
MUSI 210D Vocal Ensemble IV.....	2.5
MUSI 240 Advanced Voice Class I .....	2
MUSI 241 Advanced Voice II.....	2
MUSI 250A Athletic Concert Band .....	1
MUSI 250B Athletic Concert Band II .....	1
MUSI 250C Athletic Concert Band III.....	1
MUSI 250D Athletic Concert Band IV .....	1
MUSI 252 Concert Jazz Band .....	1 - 3
MUSI 253A Ensembles I.....	1 - 3
MUSI 253B Ensembles II .....	1 - 3
MUSI 253C Ensembles III .....	1 - 3
MUSI 253D Ensembles .....	1 - 3
<del>MUSI 254 Instrumental Ensemble .....</del>	<del>1</del>
MUSI 174A Individualized Study I.....	1
MUSI 174B Individualized Study II.....	1
MUSI 174C Individualized Study III .....	1
MUSI 174D Individualized Study IV .....	1
MUSI 274A Applied Music I .....	1
MUSI 274B Applied Music II.....	1
MUSI 274C Applied Music III.....	1
MUSI 274D Applied Music IV .....	1

**Total Units = 27**

ACTION

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

**Associate of Arts Degree  
Music Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
MUSI 100 Introduction to Music .....	3
MUSI 116A College Piano I .....	2
MUSI 150 Basic Musicianship.....	3
MUSI 158A Music Theory I .....	4
MUSI 268A Beginning Ear Training Laboratory I .....	1

**Select at least 15 units, including at least two MUSI courses, from the following:**

	<b>Units</b>
<del>BUSE 140 Business Law and the Legal Environment.....</del>	<del>3</del>
<del>ENGL 105 Composition and Literature .....</del>	<del>3</del>
<del>ENGL 205 Critical Thinking and Intermediate Composition.....</del>	<del>3</del>
MUSI 108 The Business of Music .....	3
MUSI 109 World Music .....	3
MUSI 110 Music for Elementary School Teachers .....	3
MUSI 111 Jazz History and Development .....	3
MUSI 120 Beginning Voice Class .....	2
MUSI 132A Classical Guitar I .....	1
MUSI 132B Classical Guitar II .....	1
MUSI 150A Basic Musicianship.....	3
MUSI 158A Music Theory I .....	4
MUSI 190 The Electronic Music Studio .....	3
MUSI 201 Recording Arts.....	3
MUSI 202 Computer Music .....	3
MUSI 252 Concert Jazz Band .....	1 - 3
MUSI 268A Beginning Ear Training Laboratory I .....	1
PSYC 101 General Psychology .....	3

**Select one course from the following:**

	<b>Units</b>
ANTH 103 Introduction to Cultural Anthropology .....	3
ARTF 110 Art History: Prehistoric to Gothic ....	3

ARTF 113 Arts of Africa, Oceania, and the Americas .....	3
ARTF 125 Art History: Arts of the Asian Continent .....	3
ENGL 205 ....Critical Thinking and Intermediate Composition.....	3
HUMA 101 Introduction to the Humanities I ....	3
HUMA 102 Introduction to the Humanities II ...	3
HUMA 106 World Religions .....	3
PHIL 102A Introduction to Philosophy: Reality and Knowledge .....	3
PSYC 101 General Psychology .....	3

**Select at least 2 units from following courses**

**(not already selected above):**

	<b>Units</b>
MUSI 103 History of Rock Music .....	3
MUSI 108 The Business of Music .....	3
MUSI 109 World Music.....	3
MUSI 111 Jazz - History and Development.....	3
MUSI 120 Beginning Voice Class .....	2
MUSI 132A Classical Guitar I .....	1
MUSI 132B Classical Guitar II .....	1
MUSI 158B Music Theory II .....	0 - 4
MUSI 190 The Electronic Music Studio .....	3
MUSI 201 Recording Arts .....	3
MUSI 202 Computer Music .....	3
MUSI 116B College Piano II .....	2
MUSI 216 College Piano III.....	2
MUSI 252 Concert Jazz Band .....	1 - 3
MUSI 268B Beginning Ear Training Laboratory II.....	1
ANTH 103 Introduction to Cultural Anthropology.....	3
ARTF 110 Art History: Prehistoric to Gothic .....	3
ARTF 113 Arts of Africa, Oceania, and the Americas .....	3



Music

ARTF 125 Art History: Arts of the Asian  
Continent.....3  
ENGL 205 Critical Thinking and Intermediate  
Composition.....3  
HUMA 101 Introduction to the Humanities I....3  
HUMA 102 Introduction to the Humanities II ...3  
HUMA 106 World Religions .....3  
PHIL 102A Introduction to Philosophy: Reality  
and Knowledge .....3  
PSYC 101 General Psychology.....3

**Total Units = ~~18~~ 18-20**

Phlebotomy

Pursuant to Section 78016 of the Education Code, the following is a program review summary:

Certificate of Performance Phlebotomy Training Program

- A. Labor Market Information<sup>1</sup>: The annual average number of persons employed in the Phlebotomy Training Program program area is 700 in the 2012-2022 employment years. Approximately 740 new job openings are projected through 2012-2022.
- B. Duplication<sup>2</sup>: Universal Schools and Colleges of Health, San Diego County ROP Oceanside Unified School District, San Diego County ROP Sweetwater Union High School District, and San Diego County ROP Vista Unified School District
- C. Effectiveness<sup>3</sup>: Program area OR the projected enrollment of 16 for the 2015-2015 year in the new program area.

- 1. California Labor Market Information at <http://www.labormarketinfo.edd.ca.gov/>.
- 2. California Labor Market Information at <http://www.labormarketinfo.edd.ca.gov/>.
- 3. Based on the amount for each cohort.

ACTION

Adoption of a new program at Mesa College.

Proposed new program at Mesa College:

**Certificate of Performance  
Phlebotomy Training Program**

PHLB 050 Phlebotomy .....	4
PHLB 060 Phlebotomy Directed Clinical Practice .....	2

**Total Units = 6**

**Courses Required for the Major:            Units**

ACTION

Adoption of a new program at Mesa College.

Proposed new program at Mesa College:

**Associate of Arts Degree  
Women's Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
HIST 141 Women in United States History I.....	3
PHIL 125 Philosophy of Women .....	3
PHIL 126 Introduction to Philosophy of Contemporary Gender Issues.....	3
PSYC 133 Psychology of Women.....	3

**Select a minimum of 9 units from the following:**

	<b>Units</b>
ANTH 103 Introduction to Cultural Anthropology .....	3
ARTF 108 Women in Art.....	3
BLAS 150 Black Women in Literature, Film and the Media .....	3
BLAS 175 Psycho-History of Racism and Sexism.....	3
CHIC 170 La Chicana .....	3
COMS 180 Intercultural Communication .....	3
HIST 142 Women in United States History II....	3
PSYC 166 Introduction to Social Psychology....	3
SOCO 110 Contemporary Social Problems .....	3
AMSL 108 Fingerspelling for Interpreters <b>or</b>	
AMSL 115 American Sign Language Level I <b>or</b>	
AMSL 116 American Sign Language Level II <b>or</b>	
AMSL 150 Introduction to Deaf Culture <b>or</b>	
CHIN 101 First Course in Mandarin Chinese <b>or</b>	
CHIN 102 Second Course in Mandarin Chinese <b>or</b>	
CHIN 201 Third Course in Mandarin Chinese <b>or</b>	
CHIN 202 Fourth Course in Mandarin Chinese <b>or</b>	
FREN 101 First Course in French <b>or</b>	
FREN 102 Second Course in French <b>or</b>	
FREN 201 Third Course in French <b>or</b>	
FREN 202 Fourth Course in French <b>or</b>	
FREN 210 The Grammar of Spoken French I <b>or</b>	
FREN 211 The Grammar of Spoken French II <b>or</b>	
GERM 101 First Course in German <b>or</b>	

GERM 102 Second Course in German <b>or</b>	
GERM 201 Third Course in German <b>or</b>	
ITAL 101 First Course in Italian <b>or</b>	
ITAL 102 Second Course in Italian <b>or</b>	
ITAL 201 Third Course in Italian <b>or</b>	
JAPN 101 First Course in Japanese <b>or</b>	
JAPN 102 Second Course in Japanese <b>or</b>	
JAPN 201 Third Course in Japanese <b>or</b>	
JAPN 202 Fourth Course in Japanese <b>or</b>	
JAPN 210 Conversation and Composition in Japanese I <b>or</b>	
JAPN 211 Conversation and Composition in Japanese II <b>or</b>	
RUSS 101 First Course in Russian <b>or</b>	
RUSS 102 Second Course in Russian <b>or</b>	
RUSS 201 Third Course in Russian <b>or</b>	
SPAN 101 First Course in Spanish <b>or</b>	
SPAN 102 Second Course in Spanish <b>or</b>	
SPAN 201 Third Course in Spanish <b>or</b>	
SPAN 202 Fourth Course in Spanish <b>or</b>	
SPAN 210 Conversation and Composition Spanish I <b>or</b>	
SPAN 211 Conversation and Composition Spanish II <b>or</b>	
TAGA 101 First Course in Tagalog <b>or</b>	
TAGA 102 Second Course in Tagalog <b>or</b>	
TAGA 201 Third Course in Tagalog <b>or</b>	
VIET 101 First Course in Vietnamese <b>or</b>	
VIET 102 Second Course in Vietnamese <b>or</b>	
VIET 201 Third Course in Vietnamese.....	3-5

**Total Units = 21**