

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:

Administration of Justice

Adoption of eight course deactivations at Miramar College. **(Attachment A)**

Animal Health Technology

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

Animal Health Technology

Adoption of two course deactivations at Mesa College. **(Attachment C)**

Engineering

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

English For Speakers Of Other Languages

Adoption of a new course at City and Mesa College. **(Attachment E)**

Personal Growth

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

Administration of Justice

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

Animal Health Technology

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

Business Administration

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

Child Development

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

Computer Business Technology

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

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

B. STATEMENT OF ISSUE/PURPOSE (continued)

1. Background and Purpose: (continued)

English

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

Interdisciplinary Studies

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

Journalism

Adoption of a program deactivation at Mesa College. **(Attachment N)**

Liberal Arts

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

Liberal Arts

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

Liberal Arts and Sciences

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

Machine Technology

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

Multimedia

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

Physical Science

Adoption of a program deactivation at Miramar College. **(Attachment T)**

Physical Sciences

Adoption of a program deactivation at Mesa College. **(Attachment U)**

Psychology

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

Visual and Performing Arts

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

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 eight course deactivations at Miramar College.

Proposed course deactivations at Miramar College:

**129A Firearms I**

**48 - 54 hours lab, 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.

*Limitation on Enrollment:* This course is not open to students with previous credit for Administration of Justice 149, Administration of Justice 149A or Criminal Justice 122A.

This course provides introductory-level skills and practice in the use, handling, and care of firearms including the pistol and shotgun. Students must meet all applicable firing range safety requirements in order to participate in live fire activities. This course is intended for students majoring in Administration of Justice or those interested in firearms safety. (FT) Associate Degree Credit & transfer to CSU.

**129B Firearms II**

**48 - 54 hours lab, 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; Administration of Justice 129A with a grade of "C" or better, or equivalent.

This course provides introductory-level students with beginning-level skills and practice in the use, handling, and care of firearms including the pistol and shotgun. Students develop basic techniques and skills from the introductory course to improve marksmanship. Other topics include specific types of firearms used in law enforcement; restrictions; safety precautions; and cleaning and transportation of firearms. Students must meet all applicable firing range safety requirements in order to participate in live fire activities. This course is intended for students majoring in Administration of Justice or those interested in firearms safety. (FT) Associate Degree Credit & transfer to CSU.

**129C Firearms III**

**48 - 54 hours lab, 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; Administration of Justice 129B with a grade of "C" or better, or equivalent.

This course provides beginning-level students with intermediate-level skills and practice in the use, handling, and care of firearms including the pistol and shotgun. Students further develop basic techniques and skills from the beginning course to improve marksmanship and rate of fire. Students also learn to evaluate their shooting technique and effectiveness. Other topics include legal and moral issues related to firearm use and expanded knowledge and skills in the safe use, cleaning, and transportation of firearms and ammunition. Students must meet all applicable firing range safety requirements in order to participate in live fire activities. This course is intended for students majoring in Administration of Justice or those interested in firearms safety. (FT) Associate Degree Credit & transfer to CSU.

**129D Firearms IV**

**48 - 54 hours lab, 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; Administration of Justice 129C with a grade of "C" or better, or equivalent.

This course provides intermediate-level students with advanced-level skills and practice in the use, handling, and care of firearms including the pistol and shotgun. Students integrate the knowledge, techniques, and skills from the intermediate course to select and safely use appropriate firearms for a given law enforcement situation. Other topics include moral aspects, legal provisions, and civil liability related to firearm use. Students must meet all applicable firing range safety requirements in order to participate in live fire activities. This course is intended for students majoring in Administration of Justice or those interested in firearms safety. (FT) Associate Degree Credit & transfer to CSU.

**181 Vice and Organized Crime**

**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.

*Limitation on Enrollment:* This course is not open to students with previous credit for Administration of Justice 265.

This course is an introduction to the symptoms and enforcement of organized crime. Topics include the legal system's role in investigating and prosecuting organized crime; the legal and moral issues involved with various vice crimes; techniques employed to investigate white-collar crimes; and national terrorist activities. This course is intended for students majoring in Administration of Justice or anyone interested in organized crime enforcement. (FT) Associate Degree Credit & transfer to CSU.

**350A Weapons and Safety Training for  
Probation Officers**

**120 - 135 hours lab, 2.5 units  
Grade Only**

*Prerequisite:* Administration of Justice 357A with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for Administration of Justice 350.

This course provides weapons and safety training for armed Probation staff personnel assigned to special operations, intensive supervision, or home supervision. Students must have successfully completed a P.O.S.T. approved Penal Code (P.C.) Laws of Arrest course prior to enrollment. Subjects include legal update liability, shooting skills, deadly force, survival skills, and chemical agents. Students who successfully complete the course satisfy the firearms requirement for peace officers pursuant to Penal Code section 832. This course is intended for practicing Probation staff. (FT) Associate Degree Credit only and not Transferable

**392A Special Topics in Instructor**

**Development: Defensive Tactics Instructor  
80 – 90 hours lab, 1.5 units  
Grade Only**

*Prerequisite:* Administration of Justice 323 with a grade of "C" or better, or equivalent S.T.C. Certified Correctional Officer Core Course Academy or Administration of Justice 384 with a grade of "C" or better, or equivalent Basic P.O.S.T. Certified Academy or Administration of Justice 385 with a grade of "C" or better, or equivalent military law enforcement specialist training program. This course is designed for peace officers, correctional personnel, and military law enforcement personnel seeking certification as instructors in a law enforcement-related subject area. Instructional theory, principles, and techniques are taught from a variety of different focus areas that may vary from term to term. Focus areas may include defensive tactics instruction, field training officer instruction, firearms instruction, police baton instruction, non-lethal chemical agents instruction, or emergency vehicle instruction, among others. Focus areas are listed in the class schedule and student transcripts. (FT) Associate Degree Credit only and not Transferable.

**392B Special Topics in Instructor**

**Development: Classroom Presentation**

**0.01 – 1 hours lecture, 7 - 15 hours lab,**

**0.2 units**

**Grade Only**

*Prerequisite:* Administration of Justice 323 with a grade of "C" or better, or equivalent S.T.C.

Certified Correctional Officer Core Course Academy. or Administration of Justice 384 with a grade of "C" or better, or equivalent Basic

P.O.S.T. Certified Academy. or

Administration of Justice 385 with a grade of "C" or better, or equivalent military law enforcement specialist training program.

This course is designed for peace officers, correctional personnel, and military law enforcement personnel seeking certification as an instructor in a law enforcement-related subject area. Instructional theory, principles, and techniques are taught from a variety of different focus areas that may vary from term to term.

Focus areas may include defensive tactics instruction, field training officer instruction, firearms instruction, police baton instruction, non-lethal chemical agents instruction, or emergency vehicle instruction, among others. Focus areas are listed in the class schedule and student transcripts. (FT) Associate Degree Credit only and not Transferable.

ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

**140 Veterinary Microbiology and Immunology**

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

*Prerequisite:* Animal Health Technology 125 with a grade of "C" or better, or equivalent.

*Corequisite:* Animal Health Technology 125L and Animal Health Technology 205.

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

This course covers the fundamentals of veterinary microbiology and immunology. This includes the taxonomy, structure, physiology, reproduction, growth, and diversity of micro-organisms of importance in the veterinary field. Also covered are the basic techniques for culturing, staining, identifying, and controlling the various micro-organisms found in this field. Appropriate veterinary terminology is included. This course is for students enrolled in the Animal Health Technology program. (FT) Associate Degree Credit & transfer to CSU.

## Animal Health Technology

### ACTION

Adoption of two course deactivations at Mesa College.

Proposed course deactivations at Mesa College:

**235A Directed Clinical Practice**  
**150 - hours other, 2 units**  
**Grade Only**

*Prerequisite:* Animal Health Technology 105, Animal Health Technology 105L, Animal Health Technology 115, Animal Health Technology 125, Animal Health Technology 125L, Animal Health Technology 145, Animal Health Technology 145L and Animal Health Technology 205, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* Special Admission - must be admitted to program. This course is not open to students with previous credit for Animal Health Technology 235.

This course provides Animal Health Technology students with workplace experience in an affiliated veterinary or research institution. Students are assigned entry level and general duties, such as caring for hospitalized patients, handling and restraint, assisting in the reception and exam rooms, conducting basic laboratory procedures, and administering medications. Students work with a supervisor toward mastering the "essential" and "recommended" skills as delineated by the American Veterinary Medical Association's and the Registered Veterinary Technician Exam Committee's Knowledge, Skills and Abilities Tasks List. These skills are listed on a separate Directed Clinical Practice Task List. Clinical work is coordinated by a member of the college staff. (FT) Associate Degree Credit & transfer to CSU.

**235B Advanced Directed Clinical Practice**  
**150 - hours other, 2 units**  
**Grade Only**

*Prerequisite:* Animal Health Technology 225 and Animal Health Technology 235A, each with a grade of "C" or better, or equivalent.

*Corequisite:* Completion of or concurrent enrollment in Animal Health Technology 215 and Animal Health Technology 215L, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* Special Admission - must be admitted to program. This course is not open to students with previous credit for Animal Health Technology 235.

This course provides Animal Health Technology students with advanced workplace experience in an affiliated veterinary or research institution. Students are assigned general and advanced tasks, such as assisting in surgery, monitoring anesthesia and recovery, cleaning wounds and ears, applying splints or bandages, dispensing prescriptions, performing dental prophylaxis, and conducting client education. Students work independently under the direction of a supervisor toward mastering the "essential" and "recommended" skills as delineated by the American Veterinary Medical Association's and the Registered Veterinary Technician Exam Committee's Knowledge, Skills and Abilities Tasks List. These skills are listed on a separate Directed Clinical Practice Task List. Clinical work is coordinated by a member of the college staff. (FT) Associate Degree Credit & transfer to CSU.

## Engineering

### ACTION

Adoption of three new courses at City College.

Proposed new courses at City College:

**50D Advanced Robotics Team Project Design**  
**16 - 18 hours lecture, 24 - 27 hours lab, 1.5**  
**units**  
**Pass/No Pass**

*Advisory:* Engineering 50A with a grade of "C" or better, or equivalent.

This advanced course addresses the knowledge, skills and activities needed to organize, promote, and manage the design phase of a robotics competition team. Evaluation of research is used to develop an improved design using state-of-the-art computer software that supports the engineering disciplines of mechanical, electrical, computer programming, web design, and technical writing. This course is intended for advanced students with an interest in robotics who need to gain experience as managers of an engineering design team. (FT) Associate Degree Credit only and not Transferable.

**50E Advanced Robotics Team Project Construction**  
**16 - 18 hours lecture, 24 - 27 hours lab, 1.5**  
**units**  
**Pass/No Pass**

*Advisory:* Engineering 50B with a grade of "C" or better, or equivalent.

This advanced course addresses the knowledge, skills and activities needed to organize, promote, and manage the construction phase of a robotics competition team. Students supervise the construction of electrical, mechanical, and computer systems for an autonomous robot using state-of-the-art computer software that supports the engineering disciplines of mechanical, electrical, computer programming, web design, and technical writing. This course is intended for advanced students with an interest in robotics who need to gain experience as supervisors of an engineering team constructing a new design. (FT) Associate Degree Credit only and not Transferable.



**50F Advanced Robotics Team Project Testing  
and Deployment**

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

**Pass/No Pass**

*Advisory:* Engineering 50C with a grade of "C" or better, or equivalent.

This advanced course addresses the knowledge, skills and activities needed to manage the testing and deployment phases of a robotics design for competition. Students manage the testing and deployment of an autonomous robot using state-of-the-art computer software supporting the engineering disciplines of mechanical, electrical, computer programming, web design, and technical writing. This course is intended for advanced students with an interest in robotics who need to gain experience as members of an engineering team testing and deploying a new design. (FT) Associate Degree Credit only and not Transferable.

ACTION

Adoption of a new course at City and Mesa College.

Proposed new course at City and Mesa College:

**45 Accelerated Reading, Writing, and  
Grammar for Non-Native Speakers of English  
144 - 162 hours lecture, 9 units  
Letter Grade or Pass/No Pass Option**

*Prerequisite:* English for Speakers of Other Languages 30 with a grade of "C" or better, or equivalent or Assessment Skill Level L40 and English for Speakers of Other Languages 31 with a grade of "C" or better, or equivalent or Assessment Skill Level L40.

*Corequisite:* Completion of or concurrent enrollment in English for Speakers of Other Languages 32 with a grade of "C" or better, or equivalent or Assessment Skill Level L40. Students who met the prerequisite by completion of English for Speakers of Other Languages 30 and English for Speakers of Other Languages 31 must complete English for Speakers of Other Languages 32 or be concurrently enrolled in English for Speakers of Other Languages 32.

*Limitation on Enrollment:* Course not open to students with a C or better: English 48, English 49, English 47A, or English for Speakers of Other Languages 40.

This course is intended for non-native speakers of English who require minimal preparation to read, write, and analyze texts at the transfer level. In this course, students read and analyze a variety of texts of a thematic perspective at an accelerated pace. Students develop arguments and strengthen critical thinking, reading, organizing, and writing skills by responding through discussion and writing essays and other types of texts that have complexity of expression and illustrate evidence of critical reasoning. Emphasis is placed on understanding cultural references, idiomatic language, and expectations of American academic culture which may be unfamiliar to non-native speakers of English. Additional emphasis includes understanding and producing advanced

grammatical structures and academic vocabulary.  
(FT) Not applicable to the Associate Degree

ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

**110 Introduction to College**

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

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

*Advisory:* English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W4 or

*Advisory: Concurrent enrollment in English 47A* with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

This course introduces the knowledge and skills necessary to survive and thrive during the first year in college. Students examine higher education structures, the opportunities and resources available, and the requirements to successfully complete a certificate, degree and transfer. Emphasis is placed on the transition to college learning and college life, self-reflection and self-advocacy, goal setting, academic policies, major selection and educational planning. Students develop and apply critical analysis skills, information literacy, and successful attitudes and behaviors in joining a college community. This course is intended for first time and re-entry college students. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a program revision at Miramar College.

Proposed program revisions at Miramar College:

**Certificate of Achievement  
Contemporary Police Technologies**

<b>Courses Required for the Major:</b>	<b>Units</b>
ADJU 381 P.O.S.T. Certified Regional Academy Module 1 .....	15
ADJU 382 P.O.S.T. Certified Regional Academy Module 2 .....	4.5
ADJU 383 P.O.S.T. Certified Regional Academy Module 3 .....	2
ADJU 384 P.O.S.T. Certified Regional Academy Module 4 .....	4

<b>Select nine units from the following:</b>	<b>Units</b>
ADJU 160 Criminal Law II <del>or</del> .....	3
ADJU 161 Juvenile Procedures <del>or</del> .....	3
ADJU 180 Drug Abuse and Law Enforcement <del>or</del> .....	3
<del>ADJU 181 Vice and Organized Crime or</del> .....	<del>3</del>
ADJU 182 Street Gangs and Law Enforcement <del>or</del> .....	3
ADJU 201 California Criminal Procedure <del>or</del> .....	3
ADJU 210 Rules of Evidence <del>or</del> .....	3
ADJU 230 Constitutional Law I .....	3

**Total Units = ~~28.5~~ 34.5**

**Associate of Science Degree  
Contemporary Police Technologies**

<b>Courses Required for the Major:</b>	<b>Units</b>
ADJU 381 P.O.S.T. Certified Regional Academy Module 1 .....	15
ADJU 382 P.O.S.T. Certified Regional Academy Module 2 .....	4.5
ADJU 383 P.O.S.T. Certified Regional Academy Module 3 .....	2
ADJU 384 P.O.S.T. Certified Regional Academy Module 4 .....	4

<b>Select nine units from the following:</b>	<b>Units</b>
ADJU 160 Criminal Law II <del>or</del> .....	3
ADJU 161 Juvenile Procedures <del>or</del> .....	3
ADJU 180 Drug Abuse and Law Enforcement <del>or</del> .....	3
<del>ADJU 181 Vice and Organized Crime or</del> .....	<del>3</del>
ADJU 182 Street Gangs and Law Enforcement <del>or</del> .....	3
ADJU 201 California Criminal Procedure <del>or</del> .....	3
ADJU 210 Rules of Evidence <del>or</del> .....	3
ADJU 230 Constitutional Law I .....	3

**Total Units = 34.5**

**Certificate of Achievement  
Investigations Specialization**

<b>Courses Required for the Major:</b>	<b>Units</b>
ADJU 101 Introduction to Administration of Justice .....	3
ADJU 102 Criminal Law I .....	3
ADJU 106 Diversity and Community Relations .....	3
ADJU 160 Criminal Law II.....	3
ADJU 161 Juvenile Procedures.....	3
ADJU 162 Criminal Investigation.....	3
ADJU 167 Report Writing.....	3
ADJU 201 California Criminal Procedure .....	3
ADJU 210 Rules of Evidence.....	3
ADJU 220 Law Enforcement Forensics .....	3

<b>Select three units from the following:</b>	<b>Units</b>
ADJU 180 Drug Abuse and Law Enforcement <del>or</del> .....	3
<del>ADJU 181 Vice and Organized Crime or</del> .....	<del>3</del>
ADJU 182 Street Gangs and Law Enforcement- <del>or</del> .....	3
ADJU 230 Constitutional Law I.....	3

**Total Units = 33**

**Associate of Science Degree  
Investigations Specialization**

<b>Courses Required for the Major:</b>	<b>Units</b>
ADJU 101 Introduction to Administration of Justice .....	3
ADJU 102 Criminal Law I .....	3
ADJU 106 Diversity and Community Relations .....	3
ADJU 160 Criminal Law II.....	3
ADJU 161 Juvenile Procedures.....	3
ADJU 162 Criminal Investigation.....	3
ADJU 167 Report Writing .....	3
ADJU 201 California Criminal Procedure .....	3
ADJU 210 Rules of Evidence.....	3
ADJU 220 Law Enforcement Forensics .....	3

<b>Select three units from the following:</b>	<b>Units</b>
ADJU 180 Drug Abuse and Law Enforcement <del>or</del> .....	3
<del>ADJU 181 Vice and Organized Crime or</del> .....	<del>3</del>
ADJU 182 Street Gangs and Law Enforcement- <del>or</del> .....	3
ADJU 230 Constitutional Law I.....	3

**Total Units = 33**

**Certificate of Achievement  
Law Enforcement**

<b>Courses Required for the Major:</b>	<b>Units</b>
ADJU 101 Introduction to Administration of Justice .....	3
ADJU 102 Criminal Law I .....	3
ADJU 106 Diversity and Community Relations .....	3
ADJU 160 Criminal Law II .....	3
ADJU 161 Juvenile Procedures .....	3
ADJU 167 Report Writing .....	3
ADJU 201 California Criminal Procedure .....	3
ADJU 210 Rules of Evidence.....	3

<b>Select nine units from the following:</b>	<b>Units</b>
ADJU 127A Physical Conditioning I .....	1
ADJU 127B Physical Conditioning II .....	1
ADJU 127C Physical Conditioning III .....	1
ADJU 127D Physical Conditioning IV .....	1
ADJU 128A Defensive Tactics I.....	1
ADJU 128B Defensive Tactics II.....	1
ADJU 128C Defensive Tactics III.....	1
ADJU 128D Defensive Tactics IV .....	1
ADJU 129A Firearms I.....	1
ADJU 129B Firearms II .....	1
ADJU 129C Firearms III.....	1
ADJU 129D Firearms IV.....	1
ADJU 140 Patrol Procedures.....	3
ADJU 162 Criminal Investigation.....	3
ADJU 180 Drug Abuse and Law Enforcement ..	3
ADJU 181 Vice and Organized Crime .....	3
ADJU 182 Street Gangs and Law Enforcement .	3
ADJU 220 Law Enforcement Forensics .....	3
ADJU 230 Constitutional Law I.....	3
ADJU 357A 832 PC Laws of Arrest .....	1
ADJU 357B 832 PC Firearms .....	0.5

**Total Units = 33**

**Associate of Science Degree  
Law Enforcement**

<b>Courses Required for the Major:</b>	<b>Units</b>
ADJU 101 Introduction to Administration of Justice .....	3
ADJU 102 Criminal Law I .....	3
ADJU 106 Diversity and Community Relations .....	3
ADJU 160 Criminal Law II .....	3
ADJU 161 Juvenile Procedures .....	3
ADJU 167 Report Writing .....	3
ADJU 201 California Criminal Procedure .....	3
ADJU 210 Rules of Evidence.....	3

<b>Select nine units from the following:</b>	<b>Units</b>
ADJU 127A Physical Conditioning I .....	1
ADJU 127B Physical Conditioning II .....	1
ADJU 127C Physical Conditioning III .....	1
ADJU 127D Physical Conditioning IV .....	1
ADJU 128A Defensive Tactics I.....	1
ADJU 128B Defensive Tactics II.....	1
ADJU 128C Defensive Tactics III .....	1
ADJU 128D Defensive Tactics IV .....	1
ADJU 129A Firearms I.....	1
ADJU 129B Firearms II .....	1
ADJU 129C Firearms III.....	1
ADJU 129D Firearms IV.....	1
ADJU 140 Patrol Procedures.....	3
ADJU 162 Criminal Investigation.....	3
ADJU 180 Drug Abuse and Law Enforcement ..	3
ADJU 181 Vice and Organized Crime .....	3
ADJU 182 Street Gangs and Law Enforcement .	3
ADJU 220 Law Enforcement Forensics .....	3
ADJU 230 Constitutional Law I.....	3
ADJU 357A 832 PC Laws of Arrest .....	1
ADJU 357B 832 PC Firearms .....	0.5

**Total Units = 33**

Animal Health Technology

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Associate of Science Degree  
Animal Health Technology**

<b>Courses Required for the Major:</b>	<b>Units</b>	
ANHL 100A Animal Care and Management ..	1.5	
ANHL 100B Advanced Animal Care and Management.....	1.5	
<u>ANHL 105 Fundamentals of Animal Health Technology .....</u>	<u>3</u>	<u>ANHL 255L Laboratory Animal Medicine Laboratory .....</u>
<u>ANHL 105L Fundamentals of Animal Health Technology Laboratory .....</u>	<u>2</u>	<u>BIOL 205 General Microbiology .....</u>
ANHL 115 Veterinary Office Procedures .....	2	<u>ANHL 260 Laboratory Animal Medicine .....</u>
ANHL 125 Veterinary Clinical Pathology .....	3	<u>ANHL 260L Laboratory Animals Medicine Laboratory .....</u>
ANHL 125L Veterinary Clinical Pathology Laboratory.....	2	<u>ANHL 270 Veterinary Work Experience .....</u>
ANHL 135 Veterinary Pharmacology .....	2	
<u>ANHL 140 Veterinary Microbiology and Immunology.....</u>	<u>2</u>	
ANHL 145 Veterinary Anatomy and Physiology .....	3	
ANHL 145L Veterinary Anatomy and Physiology Lab .....	1	
<u>ANHL 155 Fundamentals of Animal Health Technology .....</u>	<u>3.5</u>	
<u>ANHL 155L Fundamentals of Animal Health Technology Laboratory .....</u>	<u>2</u>	
ANHL 205 Diseases of Domestic Animals .....	3	
ANHL 215 Veterinary Radiography .....	3	
ANHL 215L Veterinary Radiography Laboratory.....	1	
ANHL 225 Animal Nursing Techniques and Anesthesiology.....	3	
ANHL 227 Veterinary Surgical and Nursing Procedures Lab .....	1	
ANHL 229 Advanced Surgical Nursing Procedures Lab .....	1	
<u>ANHL 235A Directed Clinical Practice .....</u>	<u>2</u>	
<u>ANHL 235B Advanced Directed Clinical Practice .....</u>	<u>2</u>	
<u>ANHL 255 Laboratory Animal Medicine .....</u>	<u>2</u>	
		<b>Total Units = <u>45</u> <u>42</u></b>

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Associate in Science in Business  
Administration for Transfer Degree**

<b>Courses Required for the Major:</b>	<b>Units</b>
ACCT 116A Financial Accounting .....	4
ACCT 116B Managerial Accounting .....	4
ECON 120 Principles of Macroeconomics.....	3
ECON 121 Principles of Microeconomics .....	3
BUSE 140 Business Law and the Legal .....	3

**CATEGORY A: Select one of the following courses (3 units):**

	<b>Units</b>
<u>BUSE 115 Statistics for Business.....</u>	<u>3</u>
MATH 119 Elementary Statistics.....	3
MATH 121 Basic Techniques of Applied Calculus I.....	3

**CATEGORY B: Select two (7 units):**

	<b>Units</b>
CISC 181 Principles of Information Systems.....	4
BUSE 119 Business Communications.....	3

**Total Units = 27**



ACTION

Adoption of a program deactivation City College.

Proposed program deactivation at City College:

**Certificate of Performance  
Infant/Toddler Care**

<b>Courses Required for the Major:</b>	<b>Units</b>
<del>CHIL 100 Introduction to Child Development or</del>	
<del>CHIL 101 Human Growth and Development.....</del>	<del>3</del>
<del>CHIL 175 Infant Toddler Growth and</del>	
<del>Development.....</del>	<del>3</del>
<del>CHIL 176 Principles of Infant/Toddler</del>	
<del>Caregiving.....</del>	<del>3</del>

**Total Units = 9**

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivations at City College:

**Certificate Performance  
Records Management Basics**

<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 140 Microsoft Excel .....	2
CBTE 152 Beginning Microsoft Access .....	2
CBTE 205 Records Management.....	3
<b>Total Units = 11</b>	

**Certificate of Achievement  
Legal Administrative Assistant**

<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 164 Introduction to Microsoft Outlook ...	1
CBTE 205 Records Management.....	3
LEGL 100A Introduction to Paralegalism.....	1
LEGL 100B Legal Procedures .....	2
BUSE 101 Business Mathematics .....	3
BUSE 119 Business Communications.....	3
BUSE 140 Business Law and the Legal Environment.....	3
CBTE 210 Computers in Business <b>or</b>	
CBTE 211 Office Administration.....	3
<b>Total Units = 30</b>	

**Associate of Science Degree  
Legal Administrative Assistant**

<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 164 Introduction to Microsoft Outlook ...	1
CBTE 205 Records Management.....	3
LEGL 100A Introduction to Paralegalism.....	1
LEGL 100B Legal Procedures .....	2
BUSE 101 Business Mathematics .....	3
BUSE 119 Business Communications .....	3
BUSE 140 Business Law and the Legal Environment .....	3
CBTE 210 Computers in Business <b>or</b>	
CBTE 211 Office Administration.....	3
<b>Total Units = 30</b>	

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Certificate of Performance  
English For Speakers Of Other  
Languages**

**Course Required for the Major:                   Units**  
ESOL 040 Reading and Writing for Non-Native  
Speakers of English III **or**  
ESOL 045 Accelerated Reading, Writing, and  
Grammar for Non-Native Speakers of  
English .....6-9

**Select 6 units from the following:                   Units**  
ESOL 031 Reading for Non-native Speakers of  
English II .....3  
ESOL 032 Listening and Speaking for Non-  
Native Speakers of English II .....3

**Total Units = 12 - 15**

Interdisciplinary Studies

ACTION

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

**Certificate of Performance  
Honors Global Competencies  
Certificate**

**Courses Required for the Major:                   Units**

ENGL 205 Critical Thinking and Intermediate  
Composition.....3

**Select 3-5 units from the following  
introductory or higher level foreign  
languages:**

**Units**  
SPAN 101 First Course in Spanish.....5  
SPAN 102 Second Course in Spanish .....5  
SPAN 201 Third Course in Spanish .....5  
SPAN 202 Fourth Course in Spanish .....5  
SPAN 210 Conversation and Composition  
Spanish I.....3  
SPAN 211 Conversation and Composition  
Spanish II.....3  
TAGA 101 First Course in Tagalog .....5  
TAGA 102 Second Course in Tagalog .....5  
TAGA 201 Third Course in Tagalog .....5

**Select 6 units from the following:                   Units**

ANTH 102 Introduction to Physical  
Anthropology ~~or~~.....3  
ANTH 103 Introduction to Cultural  
Anthropology ~~or~~.....3  
ANTH 104 Laboratory in Physical  
Anthropology.....1  
ANTH 107 Introduction to Archaeology.....3  
ARTF 100 Art Orientation .....3  
ARTF 107 Contemporary Art.....3  
ARTF 109 History of Modern Art .....3  
ARTF 110 Art History: Prehistoric to Gothic ~~or~~ 3  
ARTF 111 Art History: Renaissance to  
Modern ~~or~~.....3  
ARTF 113 Arts of Africa, Oceania, and the  
Americas .....3

ARTF 125 Art History: Arts of the Asian  
Continent .....3  
ARTG 118 Graphic Design History .....3  
COMS 135 Interpersonal Communication .....3  
COMS 180 Intercultural Communication ~~or~~.....3  
ECON 120 Principles of Macroeconomics ~~or~~....3  
ENGL 101 Reading and Composition ~~or~~.....3  
ENGL 105 Composition and Literature ~~or~~.....3  
ENGL 208 Introduction to Literature .....3  
ENGL 209 Literary Approaches to Film.....3  
ENGL 220 Masterpieces of World Literature I:  
1500 BCE - 1600 CE ~~or~~ .....3  
ENGL 221 Masterpieces of World Literature II:  
1600 - Present ~~or~~ .....3  
ENGL 237 Women in Literature.....3  
HIST 100 World History I ~~or~~.....3  
HIST 101 World History II ~~or~~.....3  
HIST 120 Introduction to Asian Civilizations....3  
HIST 121 Asian Civilizations in Modern  
Times .....3  
HUMA 101 Introduction to the Humanities  
I ~~or~~ .....3  
HUMA 102 Introduction to the Humanities  
II ~~or~~.....3  
HUMA 106 World Religions .....3  
HUMA 201 Mythology .....3  
JOUR 202 Introduction to Mass  
Communication.....3  
MARK 100 Principles of Marketing .....3  
MUSI 109 World Music ~~or~~.....3  
POLI 101 Introduction to Political Science ~~or~~...3  
POLI 103 Comparative Politics ~~or~~.....3  
POLI 140 Contemporary International  
Politics ~~or~~ .....3  
SOCO 101 Principles of Sociology.....3  
SOCO 223 Globalization and Social Change....3

Interdisciplinary Studies

SUST 101 Introduction to Sustainability.....3

**Select 3 units from the following:                      Units**

AVIA 133 Human Factors in Aviation.....3

BIOL 130 Human Heredity .....3

BIOL 135 Biology of Human Nutrition .....3

BUSE 150 Human Relations in Business.....3

BUSE 201 Business Organization and  
Management.....3

CHIL 101 Human Growth and Development ~~or~~ 3

CHIL 103 Lifespan Growth and Development...3

CHIL 141 The Child, Family and Community...3

CISC 181 Principles of Information Systems ~~or~~ 4

GEOG 102 Cultural Geography ~~or~~ .....3

GEOG 104 World Regional Geography.....3

HEAL 101 Health and Life-Style ~~or~~ .....3

PSYC 101 General Psychology .....3

PSYC 133 Psychology of Women.....3

**Total Units = 15 - 17**

ACTION

Adoption of a program deactivation at Mesa College.

Proposed program deactivation at Mesa College:

**Certificate of Achievement  
Public Relations**

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

<del>ENGL 101 Reading and Composition or</del>	
<del>ENGL 105 Composition and Literature .....</del>	<del>3</del>
<del>JOUR 200 Introduction to Newswriting and Reporting .....</del>	<del>3</del>
<del>JOUR 220 Principles of Public Relations.....</del>	<del>3</del>

**Choose 9 units from the following: \_\_\_\_\_ Units**

<del>JOUR 202 Introduction to Mass Communication.....</del>	<del>3</del>
<del>JOUR 210A Newspaper Production 1 .....</del>	<del>3</del>
<del>JOUR 210B Newspaper Production 2 .....</del>	<del>3</del>
<del>JOUR 210C Newspaper Production 3 .....</del>	<del>3</del>
<del>JOUR 210D Newspaper Production.....</del>	<del>4 3</del>
<del>JOUR 205 Editing for Print Journalism.....</del>	<del>3</del>
<del>JOUR 206 Online Journalism .....</del>	<del>3</del>

**Total Units = 18**

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Certificate of Performance  
Honors Global Competencies  
Certificate**

**Courses Required for the Major:                      Units**

ENGL 205 Critical Thinking and Intermediate  
Composition..... 3

**Select 3– 5 units from the following  
introductory or higher level foreign languages:**

**Units**

ARAB 101 First Course in Arabic ~~or~~..... 5  
 FREN 101 First Course in French ~~or~~ ..... 5  
 GERM 101 First Course in German ~~or~~ ..... 5  
 ITAL 101 First Course in Italian ~~or~~ ..... 5  
~~JAPN 101 First Course in Japanese or~~  
 RUSS 101 First Course in Russian ~~or~~ ..... 5  
 SPAN 101 First Course in Spanish ~~or~~ ..... 5  
~~TAGA 101 First Course in Tagalog or~~  
 VIET 101 First Course in Vietnamese..... 5

**Select 6 units from the following:                      Units**

ANTH 102 Introduction to Physical  
Anthropology ~~or~~ ..... 3  
 ANTH 103 Introduction to Cultural  
Anthropology ~~or~~ ..... 3  
 ARTF 110 Art History: Prehistoric to Gothic ~~or~~ 3  
 ARTF 111 Art History: Renaissance to  
Modern ~~or~~..... 3  
~~BIOL 101 Issues in Environmental Biology or~~  
 ECON 120 Principles of Macroeconomics ~~or~~..... 3  
 ENGL 101 Reading and Composition ~~or~~ ..... 3  
 ENGL 105 Composition and Literature ~~or~~..... 3  
 ENGL 220 Masterpieces of World Literature I:  
1500 BCE - 1600 CE ~~or~~..... 3  
 ENGL 221 Masterpieces of World Literature II:  
1600 - Present ~~or~~..... 3  
 HUMA 101 Introduction to the Humanities  
I ~~or~~ ..... 3  
 HUMA 102 Introduction to the Humanities  
II ~~or~~..... 3  
 HIST 100 World History I ~~or~~..... 3  
 HIST 101 World History II ~~or~~  
~~MUSI 101 Music History I: Middle Ages to Mid~~  
~~18th Century or~~

~~MUSI 102 Music History II: Mid 18th—Early 20th  
Century or~~

MUSI 109 World ~~or~~ ..... 3  
 COMS 180 Intercultural Communication ~~or~~..... 3  
 PHIL 106 Asian Philosophy ~~or~~ ..... 3  
 PHIL 125 Philosophy of Women ~~or~~..... 3  
 POLI 101 Introduction to Political Science ~~or~~... 3  
 POLI 103 Comparative Politics ~~or~~..... 3  
 POLI 140 Contemporary International  
Politics ~~or~~ ..... 3

**Select 3 units from the following:                      Units**

CHIL 101 Human Growth and Development ~~or~~ 3  
~~CISC 181 Principles of Information Sciences .... 4~~  
 GEOG 102 Cultural Geography ~~or~~ ..... 3  
 HEAL 101 Health and Life-Style ~~or~~..... 3  
 PSYC 101 General Psychology ~~or~~..... 3

**Total Units = ~~15—17~~ 17**

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Certificate of Performance  
Honors Global Competencies  
Certificate**

**Courses Required for the Major:**           **Units**  
ENGL 205 Critical Thinking and Intermediate  
Composition.....3

**Select 3 - 5 units from the following  
introductory or higher level foreign  
languages:**   **Units**  
~~ARAB 101 First Course in Arabic or~~  
FREN 101 First Course in French or  
GERM 101 First Course in German or  
ITAL 101 First Course in Italian or  
JAPN 101 First Course in Japanese or  
RUSS 101 First Course in Russian or  
SPAN 101 First Course in Spanish or  
TAGA 101 First Course in Tagalog or  
VIET 101 First Course in Vietnamese.....5

COMS 180 Intercultural Communication or  
PHIL 106 Asian Philosophy or  
PHIL 125 Philosophy of Women or  
POLI 101 Introduction to Political Science or  
POLI 103 Comparative Politics or  
POLI 140 Contemporary International  
Politics .....3-4

**Select 3 units from the following:**               **Units**  
CHIL 101 Human Growth and Development or  
CISC 181 Principles of Information  
Sciences .....3-4  
GEOG 102 Cultural Geography or  
HEAL 101 Health and Life-Style or  
PSYC 101 General Psychology .....3

**Total Units 15 – 17**

**Select 6 units from the following:**               **Units**  
ANTH 102 Introduction to Physical  
Anthropology or  
ANTH 103 Introduction to Cultural  
Anthropology or  
ARTF 110 Art History: Prehistoric to Gothic or  
ARTF 111 Art History: Renaissance to  
Modern or  
~~BIOL 101 Issues in Environmental Biology or~~  
ECON 120 Principles of Macroeconomics or  
ENGL 101 Reading and Composition or  
ENGL 105 Composition and Literature or  
ENGL 220 Masterpieces of World Literature I:  
1500 BCE - 1600 CE or  
ENGL 221 Masterpieces of World Literature II:  
1600 - Present or  
HUMA 101 Introduction to the Humanities I or  
HUMA 102 Introduction to the Humanities II or  
HIST 100 World History I or  
HIST 101 World History II or  
~~MUSI 101 Music History I: Middle Ages to Mid  
18th Century~~  
~~MUSI 102 Music History II: Mid 18th – Early 20th  
Century or~~  
MUSI 109 World or



ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Associate of Arts Degree  
Liberal Arts and Sciences; ~~with an~~  
Emphasis in Language Arts and  
Humanities**

*Students should complete a minimum of 18 units  
in Arts and Humanities courses:*

<b>Courses Required for the Major:</b>	<b>Units</b>
AMSL 115 American Sign Language Level I	4
AMSL 116 American Sign Language Level II	4
AMSL 215 American Sign Language Level III	4
AMSL 216 American Sign Language Level IV	4
ANTH 103 Introduction to Cultural Anthropology	3
ARAB 101 First Course in Arabic	5
ARAB 102 Second Course in Arabic	5
ARAB 105 Elementary Spoken Egyptian Arabic	3
BLAS 110 African American Art	3
BLAS 120 Black Music	3
BLAS 155 African American Literature	3
CBTE 162 Web Page Creation	2
CHIC 130 Mexican Literature in Translation	3
CHIC 135 Chicana/o Literature	3
CHIC 190 Chicano Images in Film	3
CHIC 210 Chicano Culture	3
COMS 101 Voice and Articulation	3
COMS 103 Oral Communication	3
COMS 104 Advanced Public Communication	3
COMS 111 Oral Interpretation	3
COMS 135 Interpersonal Communication	3
COMS 160 Argumentation	3
COMS 170 Small Group Communication	3
COMS 180 Intercultural Communication	3
ENGL 101 Reading and Composition	3
ENGL 105 Composition and Literature	3
ENGL 202 Introduction to Linguistics	3
ENGL 205 Critical Thinking and Intermediate Composition	3
ENGL 208 Introduction to Literature	3
ENGL 209 Literary Approaches to Film	3
ENGL 210 American Literature I	3
ENGL 211 American Literature II	3
ENGL 215 English Literature I: 800-1799	3

ENGL 216 English Literature II: 1800 – Present	3
ENGL 220 Masterpieces of World Literature I: 1500 BCE - 1600 CE	3
ENGL 221 Masterpieces of World Literature II: 1600 - Present	3
ENGL 237 Women in Literature	3
ENGL 245A Writing Creative Nonfiction	3
ENGL 238 Evaluating Children's Literature	3
ENGL 240 Shakespeare	3
ENGL 252A Fundamentals of Fiction Writing	3
ENGL 247 Writing Seminar - Poetry	3
ENGL 249 Introduction to Creative Writing	3
FREN 101 First Course in French	5
FREN 102 Second Course in French	5
FREN 201 Third Course In French	5
FREN 202 Fourth Course in French	5
GERM 101 First Course in German	5
GERM 102 Second Course in German	5
GERM 201 Third Course in German	5
HIST 100 World History I	3
HIST 101 World History II	3
HIST 105 Introduction to Western Civilization I	3
HIST 106 Introduction to Western Civilization II	3
HIST 120 Introduction to Asian Civilizations	3
HIST 121 Asian Civilizations in Modern Times	3
HUMA 101 Introduction to the Humanities I	3
HUMA 102 Introduction to the Humanities II	3
HUMA 103 Introduction to the New Testament	3
HUMA 106 World Religions	3
ITAL 101 First Course in Italian	5
HUMA 201 Mythology	3
ITAL 102 Second Course in Italian	5
ITAL 201 Third Course in Italian	5
JOUR 200 Introduction to Newswriting and Reporting	3
JOUR 201 Advanced Newswriting and	3

Liberal Arts and Sciences

Reporting .....	3	RTVF 247B Radio Broadcasting Workshop – News .....	1
JOUR 202 Introduction to Mass Communication.....	3	RUSS 101 First Course in Russian.....	5
JOUR 205 Editing for Print Journalism.....	3	SPAN 101 First Course in Spanish .....	5
JOUR 206 Online Journalism.....	3	SPAN 102 Second Course in Spanish .....	5
JOUR 210A Newspaper Production 1 .....	2 - 3	SPAN 201 Third Course in Spanish .....	5
JOUR 210B Newspaper Production 2 .....	2 - 3	SPAN 202 Fourth Course in Spanish .....	5
JOUR 210C Newspaper Production 3 .....	2 - 3	SPAN 215 Spanish for Spanish Speakers I .....	5
JOUR 210D Newspaper Production 4.....	2 - 3	SPAN 216 Spanish for Spanish Speakers II.....	5
LABR 100 American Labor Movement .....	3		
LIBS 101 Information Literacy and Research Skills .....	1		
MATH 119 Elementary Statistics <b>or</b> PSYC 258 Behavioral Science Statistics .....	3		
PHIL 100 Logic and Critical Thinking.....	3		
PHIL 101 Symbolic Logic.....	3		
PHIL 102A Introduction to Philosophy: Reality and Knowledge .....	3		
PHIL 102B Introduction to Philosophy: Values .....	3		
PHIL 104A History of Western Philosophy .....	3		
PHIL 104B History of Western Philosophy .....	3		
PHIL 105 Contemporary Philosophy .....	3		
PHIL 106 Asian Philosophy .....	3		
PHIL 107 Reflections on Human Nature.....	3		
PHIL 108 Perspectives on Human Nature and Society .....	3		
PHIL 111 Philosophy in Literature .....	3		
PHIL 125 Philosophy of Women .....	3		
PHIL 126 Introduction to Philosophy of Contemporary Gender Issues.....	3		
PHIL 130 Philosophy of Art and Music .....	3		
PHOT 215 Photo Journalism and Documentary Photography .....	3		
POLI 101 Introduction to Political Science.....	3		
POLI 102 The American Political System .....	3		
PSYC 101 General Psychology .....	3		
RTVF 100 Introduction to Radio and Television .....	3		
RTVF 105 Media Performance .....	3		
RTVF 107 Audio Production .....	3		
RTVF 110 Introduction to Scriptwriting .....	3		
RTVF 115 Radio and Television Management Principles .....	3		
RTVF 118 Television Studio Operations .....	3		
<del>RTVF 122 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 140 Radio and TV Newswriting.....	3		
RTVF 160 Introduction to Cinema.....	3		
RTVF 167 Motion Picture Production .....	3		
RTVF 247A Radio Broadcasting Workshop - Production .....	1		
		<b>Total Units = 18</b>	

Machine Technology

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

Certificate of Performance Computer Aided Manufacturing Program

- A. Labor Market Information<sup>1</sup>: The annual average number of persons employed in the Computer Aided Manufacturing program area was 17,562 in the 2010 employment year. Approximately 800 new job openings are projected through 2020.
- B. Duplication<sup>2</sup>: None.
- C. Effectiveness<sup>3</sup>: Program area OR the projected enrollment of 160 for the 2013-2014 years in the new program area.

- 1. California Employment Development Department Labor Market Information Division, Report titled "2010-2020 Occupational Employment Projections.
- 2. 2013-14 catalogs and websites for Region 10 Community Colleges.
- 3. City College Departmental Enrollment Tallies.

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Certificate of Performance  
Computer Aided Manufacturing**

<b>Courses Required for the Major:</b>	<b>Units</b>
MACT 160M Introduction to CAD/CAM.....	4
MACT 170 Introduction to CNC Controlled Vertical Machining .....	4
MACT 180M Advanced CAD/CAM .....	4

**Total Units = 12**

Multimedia

Pursuant to Section 78016 of the Education Code, the following is a program review summary:  
Certificate of Achievement and Associate of Science Degree Video Game Development Program

- A. Labor Market Information<sup>1</sup>: The annual average number of persons employed in the Video Game Development program area was 4,250 in the 2012 employment year. Approximately 5,180 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 320 for the 2016-2017 years in the new program area.

- 1. State of California Employment Development Department.
- 2. State of California Employment Development Department.
- 3. City College Departmental Enrollment Tallies.

ACTION

Adoption of a new program at Mesa College.

Proposed new programs at Mesa College:

**Certificate of Achievement  
Video Game Development**

<b>Courses Required for the Major:</b>	<b>Units</b>
MULT 101 Introduction to Multimedia .....	4
CISC 106 Introduction to Computer Science .....	4
MULT 120 Introduction to Video Game Design .....	3
MULT 121 Digital Image Editing I: Introduction to Photoshop .....	3
MULT 130 Video Game Development I: Introduction to 3D Modeling and Animation .....	4
CISC 220 Fundamentals of Computer Game Programming .....	4
MULT 131 Video Game Development II: Game Character and Level Design .....	4
MULT 132 Video Game Development III: Advanced Game Art and Asset Design.....	4
CISC 221 Intermediate Game Programming: Integrating Art and Science .....	4
MULT 133 Video Game Development IV: Game Prototyping and Production .....	4
<b>Total Units = 38</b>	

**Associate of Science Degree  
Video Game Development**

<b>Courses Required for the Major:</b>	<b>Units</b>
MULT 101 Introduction to Multimedia .....	4
CISC 106 Introduction to Computer Science .....	4
MULT 120 Introduction to Video Game Design .....	3
MULT 121 Digital Image Editing I: Introduction to Photoshop .....	3
CISC 220 Fundamentals of Computer Game Programming .....	4
MULT 130 Video Game Development I: Introduction to 3D Modeling and Animation .....	4
CISC 221 Intermediate Game Programming: Integrating Art and Science .....	4
MULT 131 Video Game Development II: Game Character and Level Design .....	4
MULT 132 Video Game Development III: Advanced Game Art and Asset Design.....	4
CISC 206 Mobile Game Development on iOS <b>or</b> CISC 207 Mobile Game Development on Android .....	4
MULT 133 Video Game Development IV: Game Prototyping and Production.....	4
<b>Total Units = 42</b>	

ACTION

Adoption of a program deactivation at Miramar College.

Proposed program deactivation at Miramar College:

## Associate of Science Degree Pre-Engineering Studies

<b>Courses Required for the Major:</b>	<b>Units</b>
CHEM 200 General Chemistry I – Lecture .....	3
MATH 150 Calculus with Analytic Geometry I .....	5

**Select at least 10 units from the**

<b>following:</b>	<b>Units</b>
ACCT 116A Financial Accounting .....	4
BIOL 205 General Microbiology .....	5
BIOL 210A Introduction to the Biological Sciences I .....	4
BIOL 210B Introduction to the Biological Sciences II .....	4
BIOL 215 Introduction to Zoology .....	4
BIOL 250 Introduction to Botany .....	4
BUSE 140 Business Law and the Legal Environment .....	3
CHEM 130 Introduction to Organic and Biological Chemistry .....	3
CHEM 200L General Chemistry I – Laboratory .....	2
CHEM 201 General Chemistry II – Lecture .....	3
CHEM 201L General Chemistry II – Laboratory .....	2
CISC 190 Java Programming .....	4
CISC 192 C/C++ Programming .....	4
ECON 121 Principles of Microeconomics .....	3
GEOG 100 Physical Geology .....	3
GEOG 101 Physical Geology Laboratory .....	1
MATH 119 Elementary Statistics .....	3
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 255 Differential Equations .....	3
PHYS 125 General Physics .....	5
PHYS 126 General Physics II .....	5
PHYS 195 Mechanics .....	5
PHYS 196 Electricity and Magnetism .....	5
PHYS 197 Waves, Optics and Modern Physics .....	5
PSYC 258 Behavioral Science Statistics .....	3

**Total Units = 18**

ACTION

Adoption of a program deactivation at Mesa College.

Proposed program deactivation at Mesa College:

**Certificate of Performance  
Preparation for Chemistry  
Laboratory Positions**

<b>Courses Required for the Major:</b>	<b>Units</b>
CHEM 200 General Chemistry I – Lecture .....	3
CHEM 200L General Chemistry I – Laboratory .....	2
CHEM 201 General Chemistry II – Lecture .....	3
CHEM 201L General Chemistry II – Laboratory .....	2
CHEM 231 Organic Chemistry I – Lecture .....	3
CHEM 231L Organic Chemistry I – Laboratory	2
CHEM 161 Techniques in Biochemistry .....	2

**Total Units = 17**

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivation at City College:

**Certificate of Performance  
Mental Health Work**

<b>Courses Required for the Major:</b>	<b>Units</b>
PSYC 130 Introduction to Community Psychology.....	3
PSYC 161 Introduction to Counseling.....	3
PSYC 245 Abnormal Psychology.....	3
HUMS 095 Public Assistance and Benefits Program.....	1
HUMS 105 Family Support Model.....	3
PSYC 276 Field Work in Psychological Services.....	3

**Total Units = 16**

ACTION

Adoption of a program revision at City College.

Proposed program revisions at City College:

**Certificate of Performance  
Technical Theatre**

<b>Courses Required for the Major:</b>	<b>Units</b>
<del>DRAM 122 Makeup for the Stage</del> .....	<del>2</del>
DRAM 123 Beginning Stagecraft .....	3
<del>DRAM 124 Makeup for the Stage</del> .....	<del>3</del>
DRAM 126 Advanced Stagecraft.....	3
DRAM 143 Beginning Costuming .....	3
DRAM 129A Beginning Scene Painting <b>or</b>	
DRAM 129B Intermediate Scene Painting.....	3

**Total Units = ~~14~~15**

**Certificate of Achievement  
Graphic Design**

*The Graphic Design Department requires students to complete all requirements for the certificate within seven years.*

<b>Courses Required for the Major:</b>	<b>Units</b>
ARTG 100 Basic Graphic Design .....	3
ARTG 106 Typography.....	3
ARTG 118 Graphic Design History .....	3
ARTG 125 Digital Media.....	3
ARTG 124 Page Layout .....	3
ARTG 174A Book Arts I <b>or</b>	
ARTF 174A Book Arts I <b>or</b>	
<del>ARTG 120 Illustration</del> .....	<del>3</del>
ARTG 133 Intermediate Graphic Design II (Identity Systems and Packaging) .....	3
ARTG 148A Portfolio A .....	3
ARTG 148B Portfolio B.....	3
ARTG 206 Advanced Typography.....	3

**Total Units = 30**

**Associate of Arts Degree  
Graphic Design**

*The Graphic Design Department requires students to complete all requirements for the certificate within seven years.*

<b>Courses Required for the Major:</b>	<b>Units</b>
ARTG 100 Basic Graphic Design .....	3
ARTG 106 Typography.....	3
ARTG 118 Graphic Design History .....	3
ARTG 174A Book Arts I <b>or</b>	
ARTF 174A Book Arts I <b>or</b>	
<del>ARTG 120 Illustration</del> .....	<del>3</del>
ARTG 124 Page Layout .....	3
ARTG 125 Digital Media.....	3
ARTG 133 Intermediate Graphic Design II (Identity Systems and Packaging) .....	3
ARTG 148A Portfolio A .....	3
ARTG 148B Portfolio B.....	3
ARTG 206 Advanced Typography .....	3

<b>Choose one course from the following:</b>	<b>Units</b>
<del>ARTG 120 Illustration</del> .....	<del>3</del>
<del>ARTG 135 Professional Practices</del> .....	<del>3</del>
ARTG 120 Illustration.....	3
ARTG 126 Intermediate Digital Media.....	3
<del>ARTG 144 Web Page Graphic Design</del> .....	<del>2</del>
<del>ARTG 138 Process and Production</del> .....	<del>3</del>
<del>ARTG 143 Web Page Graphic Design</del> .....	<del>3</del>
ARTG 148C Portfolio Building .....	3
ARTG 151 Travel by Design .....	3
<del>ARTG 225 Advanced Digital Media</del> .....	<del>3</del>
<del>ARTG 153 Mobile Experience Design</del> .....	<del>3</del>

**Total Units = ~~32~~33 33**