

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:

Dramatic Arts

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

Fire Protection Technology

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

Health Information Technology

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

Hotel Management

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

Human Services

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

Mathematics

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

Mathematics

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

Mechanical Technology

Adoption of two new courses at Continuing Education. (**Attachment H**)

Nursing Education

Adoption of two course deactivations at City College. (**Attachment I**)

Peace Studies

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

Otto Lee
Vice Chancellor
Instructional Services

Peace Studies

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

Physical Education

Adoption of two new courses at City College and Mesa College.
(Attachment L)

Physical Science

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

Radiologic Technology

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

Spanish

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

Sustainability

Adoption of three new courses at City College. **(Attachment P1-P2)**

Vietnamese

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

Agriculture

Adoption of a new program at City College. **(Attachment R1-R4)**

Business Studies

Adoption of a revised program at City College. **(Attachment S)**

Business Studies

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

Communications Studies

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

Communications Studies

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

Communication Studies

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

Communication Studies

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

English as a Second Language

Adoption of a new program at Continuing Education. **(Attachment Y)**

Human Services

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

Liberal Arts and Sciences
Adoption of a revised program at City College. (Attachment AA1-AA2)

Liberal Arts and Sciences
Adoption of a new program at Mesa College. (Attachment BB)

Mechanical Technology
Adoption of a new program at Continuing Education. (Attachment CC)

Musical Theater
Adoption of a program revision at City College. (Attachment DD)

Nursing
Adoption of a program revision at City College. (Attachment EE)

Photography
Adoption of a program revision at City College. (Attachment FF1-FF2)

Psychology
Adoption of a new program at City College. (Attachment GG1-GG2)

Psychology
Adoption of a new program at Mesa College. (Attachment HH1-HH2)

Sociology
Adoption of a new program at Mesa College. (Attachment II)

Sociology
Adoption of a new program at Miramar College. (Attachment JJ)

Theater
Adoption of a program revision at City College. (Attachment KK)

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.

Dramatic Arts

ACTION

Adoption of two new courses at Mesa College.

Proposed new courses at Mesa College:

70 Digital Video Production for the Dramatic Arts
32 - 36 hours lecture, 48 - 54 hours lab, 3 units
Letter Grade or Pass/No Pass Option

Prerequisite: Dramatic Arts 119 with a grade of "C" or better, or equivalent.

Advisory: Dramatic Arts 112 with a grade of "C" or better, or equivalent.

This course is an introduction to digital video as it relates to the Drama. Emphasis is placed on the skills necessary to work in front of the camera and on the technical aspects of digital video production as it relates to the creation of a portfolio reel. This course is designed for Drama majors interested in creating a reel for employment purposes. (FT) Associate Degree Credit only and not Transferable.

71 Digital Video Production for the Dramatic Arts II
32 - 36 hours lecture, 48 - 54 hours lab, 3 units
Letter Grade or Pass/No Pass Option

Prerequisite: Dramatic Arts 70 with a grade of "C" or better, or equivalent.

This course is project-based study of digital video as it relates to the Drama. Emphasis is placed on providing students with the tools and skills to create and edit a reel for self-marketing and on the use of digital video in the design process for the stage. This course is designed for Drama majors interested in creating a reel for employment purposes. (FT) Associate Degree Credit only and not Transferable.

ACTION

Adoption of a course deactivation at Miramar College.

Proposed course deactivation at Miramar College (no longer active at any college):

119 Aircraft Fire Control

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 provides students with a fundamental knowledge of factors that affect procedures for fires and other emergencies at airports or other locations involving private, commercial passenger, or military aircraft. Topics include pre-planning techniques, emergency standby procedures, analysis of factors common to emergencies involving aircraft on land or water, post-accident investigations, emergency procedures, aircraft accident reports, and legal aspects of aircraft rescue and fire protection. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College (no longer active at any college):

**296 Individualized Instruction in Health
Information Technology**
24 - 108 hours other, 0.5-2 units
Pass/No Pass

Limitation on Enrollment: Concurrent enrollment in an approved course of the same discipline is required. The instructor of the related course will supply Add Code to the student, which permits registration in the course. This course provides supplemental instruction to reinforce achievement of the learning objectives of a course in the same discipline under the supervision of the instructor of the designated course. Learning activities may employ a variety of self-paced multimedia learning systems, language labs, print and electronic resources, laboratory, or field research arrangements, to assist student in reaching specific learning objectives. This open entry/open exit course is offered concurrently with designated courses. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

Hotel Management

ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College (no longer active at any college):

44 Supervised Tutoring in Hotel Management
0 units
No Grade/0 Units

This course is designed to prepare the student to succeed in the corequisite and subsequent subject matter courses. This course may be taken four times with a different corequisite subject matter course. College noncredit course.

ACTION

Adoption of a new course at City College.

Proposed new course at City College:

112 Community Service Practicum
48 - 54 hours lecture, 3 units
Grade Only

Prerequisite: Human Services 103 with a grade of "C" or better, or equivalent or Human Services 106 with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for HUMS 113 or HUMS 116.

This course is a practical application of the skills and tools required to work in the community.

Emphasis is placed on creating needs assessments and focus groups in order to define an issue to be addressed through a community organization project. Students may develop and execute an individual project, take part in a group project or complete an internship at a community organization. This course is designed for Human Services students and anyone interested in community organizing. (FT)
Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

215 Introduction to Teaching Mathematics
48 - 54 hours lecture, 3 units
Letter Grade or Pass/No Pass Option

Prerequisite: Mathematics 116 with a grade of "C" or better, or equivalent, or Mathematics 141 with a grade of "C" or better, or equivalent. This course introduces students to teaching and learning mathematics in the middle/secondary school classroom environment. Emphasis is placed on mathematics problems and materials, assessments, and methodologies. Students address a variety of learning modalities and approaches through observation in the field and in-class seminar discussion. This course is designed for students interested in all levels of teaching, especially middle and secondary school mathematics.

ACTION

Adoption of two new courses at City College.

Proposed new courses at City College:

**47A Beginning Algebra and Practical
Descriptive Statistics
48 - 54 hours lecture, 48 - 54 hours lab, 4 units
Grade Only**

Prerequisite: Mathematics 38 with a grade of "C" or better, or equivalent, or Assessment Skill Level M30.

Advisory :Completion of or concurrent enrollment in: English 43 with a grade of "C" or better, or equivalent or Assessment Skill Level W4 and English 48 with a grade of "C" or better, or equivalent or Assessment Skill Level R5. This course is the first of a two course sequence in the study of statistical methods integrated with algebraic tools to prepare students to analyze processes encountered in society and the workplace. The course covers an introduction to algebra and descriptive statistics in an integrated approach. Topics include data collection, organizing and interpreting data graphically, qualitative and quantitative data sets, measures of central tendency and measures of dispersion, bivariate data and scatter plots, linear functions and their graphs, nonlinear functions and their graphs, and applying technology to calculate various types of regressions. Students are expected to implement technology to perform calculations to organize data in order to make statistical conclusions. This sequence of courses is intended for students that are not planning on majoring in a science, technology, engineering, or mathematics related disciplines. This course is only basic skills/remedial. (FT) Not applicable to the Associate Degree.

**115 Gateway to Experimental Statistics
48 - 54 hours lecture, 48 - 54 hours lab, 4 units
Grade Only**

Prerequisite: Mathematics 47A with a grade of "C" or better, or equivalent Statway I.

Advisory :Completion of or concurrent enrollment in: English 43 with a grade of "C" or better, or equivalent or Assessment Skill Level W4 and English 48 with a grade of "C" or better, or equivalent or Assessment Skill Level R5. This course is a second in the study of statistical methods integrated with algebraic tools to prepare students to analyze these processes encountered in society and the workplace. The course covers a review of functions, their geometric properties, counting principles and probability rules, probability distribution functions, sampling, and inferential statistics of one and two variable data sets. Students are expected to implement technology to perform calculations to analyze data and make statistical conclusions. This sequence of courses is intended for students that are not planning on majoring in a science, technology, engineering or mathematics related discipline. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities CSU General Education.

Mechanical Technology

ACTION

Adoption of two new courses at Continuing Education.

Proposed new courses at Continuing Education:

441 Weatherization I

Advisory: Basic computer and internet search skills.

This is an open-entry/exit course providing an introduction to weatherization of residential structures, health and safety practices, building construction nomenclature and insulation fundamentals. Workplace skills including math, communications and business ethics are integrated into the curriculum. Students successfully completing this course will be prepared for entry level and/or technician positions in the weatherization field. (FT)

442 Weatherization II

Advisory: Successful completion of Weatherization I is strongly advised. Basic computer and internet search skills.

This is an open-entry/exit course providing instruction in the weatherization of residential structures, principles of energy, heating and cooling fundamentals water heating and lighting efficacy. Workplace skills including math, communications and business ethics are integrated into the curriculum. Students successfully completing this course will be prepared for entry level and/or technician positions in the weatherization assessment field. (FT)

Nursing Education

ACTION

Adoption of two course deactivations at City College.

Proposed course deactivations at City College (no longer active at any college):

44 Supervised Tutoring in Nursing Education
0 units
No Grade/0 Units

This course is designed to prepare the student to succeed in the corequisite and subsequent subject matter courses. This course may be taken four times with a different corequisite subject matter course. College noncredit course.

296 Individual Instruction in Health Occupations
24 - 108 hours other, 0.5-2 units
Pass/No Pass

Limitation on Enrollment: Enrollment in an approved related course. Must obtain an Add Code from Program Director for registration. This course uses self-paced multimedia systems to assist students meet specific learning objectives and is designed to be supplementary to designated courses. This course may be taken four times with different content for a maximum of four units. Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a new course at City College.

Proposed new course at City College:

250 Field Experience In Peace Studies
16 - 54 hours lecture, 32 - 108 hours other, 1-3
units
Grade Only

Prerequisite: Peace Studies 101 with a grade of "C" or better, or equivalent.

Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Level W6/R6.

Students in this course develop and implement field experience projects under the supervision of college faculty. In cooperation with the staff of community organizations and agencies, students design these projects to assist the college's neighborhood communities. Students gain hands-on experience in project planning, development, implementation and evaluation. Students meet regularly with faculty and peers to receive feedback, support and guidance in their community projects. This course may be repeated up to two times, but the total units earned may not exceed three units. This course is intended for students interested in Peace Studies. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a course deactivation at City College.

Proposed course deactivation at City College (no longer active at any college):

277C Service Learning -- Community: Peace Studies

**16 - 54 hours lecture, 1-3 units
Grade Only**

Corequisite: Completion of or concurrent enrollment in Peace Studies 101 with a grade of "C" or better, or equivalent.

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

Students in this course develop and implement service learning projects to help the college's community under the supervision of college faculty and in cooperation with the staff of community organizations and agencies. Projects may include collaboration with community projects and agencies and educational service-oriented projects for the college's community. Students gain hands-on experience in project planning, development, implementation and evaluation. Students meet weekly to receive support training and development opportunities regarding best practices in Service Learning. This course is intended for students from any discipline who are interested in project development, development of teaching skills, or enhancement of communication and planning skills. Course segments may be taken in any order. The combined credit for all 277C discipline courses may not exceed three units. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

Physical Education

ACTION

Adoption of two new courses at City College and Mesa College.

Proposed new courses at City College and Mesa College:

187 Outdoor Cycling

**24 - 108 hours lab, 0.5-2 units
Grade Only**

This course provides instruction in the skills required for outdoor cycling. Emphasis is placed on proper warm-up and warm down, cycling form and bicycle maintenance. Students design a personal fitness plan around outdoor cycling. This course is intended for all students interested in cycling and personal fitness. Students must demonstrate increased proficiency and skill attainment with each repetition. When this course is offered for two units, the additional time is utilized for skill development in the area of on-road group cycling leadership. This course may be taken four times. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities. UC Transfer Course List.

188 Hiking for Fitness

**24 - 108 hours lab, 0.5-2 units
Grade Only**

This course provides instruction in the skills required for hiking. Emphasis is placed on proper warm-up and warm down, walking form and injury prevention and treatment. Students design a personal fitness plan around hiking. This course is intended for all students interested in hiking and personal fitness. Students must demonstrate increases proficiency and skill attainment with each repetition. When this course is offered for one or two units, the additional time is utilized for skill development in the group hiking leadership. This course may be taken four times. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities. UC Transfer Course List.

ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

215 Introduction to Teaching Science
48 - 54 hours lecture, 3 units
Letter Grade or Pass/No Pass Option

Advisory: Mathematics 96 and English 48 and English 49 each with a grade of "C" or better, or equivalent or Assessment Skill Levels M50, R5 and W5. Astronomy 101 or Biology 107 or Biology 210A or Chemistry 100 or Chemistry 200 or Geography 101 or Geology 100 or Physical Science 100 or Physics 125 or Physics 195 each with a grade of "C" or better, or equivalent.

Limitation on Enrollment: Health and Safety. Must meet safety and health clearance standards for a public school field experience placement. This course is a practical study of the middle/secondary school science classroom environment from the teacher and student perspectives. Emphasis is placed on the ways in which middle and secondary students learn science and on effective teaching modalities. Students observe a variety of classroom environments in order to assess how human learning translates into effective teaching practice. This course is designed for students interested in teaching at all levels, especially the middle and secondary school classroom environments. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities. UC Transfer Course List.

Radiologic Technology

ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College (no longer active at any college):

44 Supervised Tutoring in Radiologic Technology

0 units

No Grade/0 Units

This course is designed to prepare the student to succeed in the corequisite and subsequent subject matter courses. This course may be taken four times with a different corequisite subject matter course. College noncredit course.

Spanish

ACTION

Adoption of a course deactivation at City College.

Proposed course deactivation at City College (no longer active at any college):

85 Occupational Spanish

48 - 54 hours lecture, 3 units

Letter Grade or Pass/No Pass Option

An intensive vocationally oriented course designed to give rudimentary skills in hearing, speaking, reading and writing basic Spanish. Practice in the vocabulary, nomenclature and functional grammar typical of actual job situations. (FT) Not applicable to the Associate Degree.

Sustainability

ACTION

Adoption of three new courses at City College.

Proposed new courses at City College:

102 Environmental Ethics

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

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

Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Level W6/R6. Philosophy 100 with a grade of "C" or better, or equivalent.

This course allows students to gain an understanding of the field of moral philosophy as it pertains to environmental issues. Ethical theories are analyzed through application to issues such as: population growth, future generations, biodiversity, animal rights, pollution, energy use and consumption. This course is intended for students interested in Sustainability, Environmental Science, Philosophy, Biology, Sociology, Geology, Ecology, and Peace Studies. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities. CSU General Education. IGETC. UC Transfer Course List.

103 Ecological Commerce

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

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

Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Level W6/R6

This course examines sustainable business practices and their environmental, ethical, and economic impact. Students evaluate green business models to determine the effectiveness and assess the limitation of the model. Topics include ecological economics, business accountability, resource consumption and how to "green" a business. This course is intended for students interested in Sustainability, Business, Environmental Ethics and Peace Studies. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities. CSU General Education.

250 Field Experience In Sustainability
16 - 54 hours lecture, 32 - 108 hours other, 1-3
units
Grade Only

Prerequisite: Sustainability 101 with a grade of "C" or better, or equivalent.

Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Level W6/R6.

Students in this course develop and implement field experience projects under the supervision of college faculty. In cooperation with the staff of community organizations and agencies, students design these projects to assist the college's neighborhood communities. Students gain hands-on experience in project planning, development, implementation and evaluation.

Students meet regularly with faculty and peers to receive feedback, support and guidance in their community projects. This course may be repeated up to two times, but the total units earned may not exceed three units. This course is intended for students interested in Sustainability. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College (no longer active at any college):

44 Supervised Tutoring in Vietnamese

0 units

No Grade/0 Units

This course is designed to prepare the student to succeed in the corequisite and subsequent subject matter courses. This course may be taken four times with a different corequisite subject matter course. College noncredit course.

Agriculture

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

- A. Labor Market Information¹: The annual average number of persons employed in the Sustainable Urban Agriculture program area is 20,950 in San Diego County in the 2006 Employment year. Approximately 3,410 new job openings are projected through 2016.
- B. Duplication²: Cuyamaca College; Southwestern College; Mira Costa College
- C. Effectiveness³: Program Area OR the projected enrollment 120 students for the 2011-2012 year in a New Program area.
 - 1. Information was obtained from California Labor Market Info at www.ca.gov.
 - 2. Information was obtained from college catalogs and websites.
 - 3. Information was obtained from department estimates.

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Associate in Science Degree
Sustainable Urban Agriculture**

Courses Required for the Major:	Units
AGRI 100 Principles of Sustainable Agriculture	3
AGRI 102 Sustainable Urban Agricultural Practice	3
AGRI 104 Cool Season Organic Production	3
AGRI 106 Warm Season Organic Production	3
AGRI 108 Building Fertile Soil Organically	3
BIOL 107 General Biology-Lecture and Laboratory ...	4
CHEM 100 Fundamentals of Chemistry	3
CHEM 100L Fundamentals of Chemistry Laboratory .	1
SUST 101 Introduction to Sustainability	3
	Total Units = 26

Agriculture

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

- A. Labor Market Information¹: The annual average number of persons employed in the Urban Farming program area is 19,250 in San Diego County in the 2006 Employment year. Approximately 3,160 new job openings are projected through 2016.
- B. Duplication²: Cuyamaca College; Southwestern College; Mira Costa College
- C. Effectiveness³: Program Area OR the projected enrollment 120 students for the 2011-2012 year in a New Program area.
 - 1. Information was obtained from California Labor Market Info at www.ca.gov.
 - 2. Information was obtained from college catalogs and websites.
 - 3. Information was obtained from department estimates.

**Certificate of Achievement
Urban Farming Agriculture**

Courses Required for the Major:	Units
AGRI 100 Principles of Sustainable Agriculture	3
AGRI 102 Sustainable Urban Agricultural Practice	3
AGRI 104 Cool Season Organic Production	3
AGRI 106 Warm Season Organic Production	3
AGRI 108 Building Fertile Soil Organically	3
AGRI 110 Organic Fruit Tree Care	3
AGRI 112 Organic Greenhouse Management and Plant Propagation	2
AGRI 116 Drip Irrigation Basics	2
BUSE 157 Starting a Small Business or	
BUSE 155 Managing the Small Business	3
BUSE 245F Small Business Internship - Operations ...	1
Total Units =	26

Agriculture

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

- A. Labor Market Information¹: The annual average number of persons employed in the Sustainable Urban Agriculture program area is 8,620 in San Diego County in the 2006 Employment year. Approximately 80 new job openings are projected through 2016.
- B. Duplication²: Cuyamaca College; Southwestern College; Mira Costa College
- C. Effectiveness³: Program Area OR the projected enrollment 120 students for the 2011-2012 year in a New Program area.
 - 1. Information was obtained from California Labor Market Info at www.ca.gov.
 - 2. Information was obtained from college catalogs and websites.
 - 3. Information was obtained from department estimates.

**Certificate of Achievement
Urban Gardening Agriculture**

Courses Required for the Major:	Units
AGRI 102 Sustainable Urban Agricultural Practice	3
AGRI 104 Cool Season Organic Production	3
AGRI 106 Warm Season Organic Production	3
Choose 3 Units From The Following Electives:	
AGRI 100 Principles of Sustainable Agriculture	3
AGRI 108 Building Fertile Soil Organically	3
AGRI 110 Organic Fruit Tree Care	3
AGRI 112 Organic Greenhouse Management and Plant Propagation	2
AGRI 116 Drip Irrigation Basics	2
AGRI 118 Sustainable Landscaping Using Organic Methods	3
AGRI 126 Introduction to Permaculture Design	2
AGRI 128 Food Preservation Skills	1
Total Units	12
AGRI 100 Principles of Sustainable Agriculture	3
AGRI 102 Sustainable Urban Agricultural Practice	3
AGRI 104 Cool Season Organic Production	3
AGRI 106 Warm Season Organic Production	3
AGRI 108 Building Fertile Soil Organically	3
BIOL 107 General Biology-Lecture and Laboratory ...	4
CHEM 100 Fundamentals of Chemistry	3
CHEM 100L Fundamentals of Chemistry Laboratory .	1
SUST 101 Introduction to Sustainability	3
Total Units =	12

Agriculture

Pursuant to Section 78016 of the Education Code, the following is a program review summary:
Organic Gardening for the Culinary Arts Program

- A. Labor Market Information¹: The annual average number of persons employed in the Sustainable Urban Agriculture program area is 1,630 in San Diego County in the 2006 Employment year. Approximately 270 new job openings are projected through 2016.
- B. Duplication²: Cuyamaca College; Southwestern College; Mira Costa College
- C. Effectiveness³: Program Area OR the projected enrollment 30 students for the 2011-2012 year in a New Program area.

- 1. Information was obtained from California Labor Market Info at www.ca.gov.
- 2. Information was obtained from college catalogs and websites.
- 3. Information was obtained from department estimates.

Certificate of Performance

Organic Gardening for Culinary Arts

Courses Required for the Major:	Units
AGRI 102 Sustainable Urban Agricultural Practice	3
AGRI 104 Cool Season Organic Production or	
AGRI 106 Warm Season Organic Production	3
AGRI 128, Food Preservation Skills	1
Total Units =	7

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Associate in Science Degree
Small Business Management**

Courses Required for the Major:	Units
BIOL 101 Issues in Environmental Biology	4
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
BUSE 155 Managing the Small Business	3
CBTE 180 Microsoft Office	3
CISC 181 Principles of Information Systems	4
COMS 103 Oral Communication	3
COMS 180 Intercultural Communication	3
ECON 120 Principles of Macroeconomics	3
MARK 100 Principles of Marketing	3
Complete 6-12 Units of the following:	
BUSE 245A Small Business Internship - Marketing	3
BUSE 245B Small Business Internship - Operations....	3
BUSE 245C Small Business Internship - Accounting...	3
BUSE 245D Small Business Internship - Buying and Inventory	3
BUSE 245E Small Business Internship - Marketing.....	1
BUSE 245F Small Business Internship - Operations	1
BUSE 245G Small Business Internship - Accounting ..	1
BUSE 245H Small Business Internship - Buying and Inventory	1
Complete 6-12 Units of the following:	
BUSE 158A Students in Free Enterprise - High School Projects	3
BUSE 277A Service Learning - High School Projects 1-3	
BUSE 158B Students in Free Enterprise - Elementary and Junior High Projects	3
BUSE 277B Service Learning - Elementary and Junior High School Projects	1-3
BUSE 158C Students in Free Enterprise - Community Projects Complete 6-12 Units of the following:	
BUSE 277C Service Learning -- Community	1-3
BUSE 158D Students in Free Enterprise - On-Campus Educational Projects	3
BUSE 277D Service Learning -- on Campus.....	1-3
Complete the following:	
<u>BUSE 090A Learning Skills</u>	<u>1.5</u>
<u>BUSE 090B Work Success</u>	<u>1.5</u>
<u>BUSE 090C Business Internship Seminars</u>	<u>1</u>
<u>BUSE 090D Workplace Competencies</u>	<u>1.5</u>
Total Units =	58.5-70.5

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivation at City College:

**Associate in Science Degree
Small Business Management**

Courses Required for the Major:	Units
ACCT 102 Basic Accounting	
ACCT 128A Small Business Accounting— Recordkeeping	1.5
ACCT 128B Small Business Accounting—Payroll ...	1.5
ACCT 150 Computer Accounting Applications or CBTE 140A Introduction to Microsoft Excel or CBTE 140 Microsoft Excel	1 3
BUSE 113 International Finance or ECON 121 Principles of Microeconomics	3
CBTE 180 Microsoft Office	3
COMS 180 Intercultural Communication	3
CONF 110 Personal Financial Management	3
ECON 120 Principles of Macroeconomics	3
BIOL 101 Issues in Environmental Biology	4
BUSE 101 Business Mathematics	3
BUSE 119 Business Communications or ENGL 101 Reading and Composition	3
BUSE 140 Business Law and the Legal Environment ..	3
BUSE 245C Small Business Internship—Accounting ..	3
CISC 181 Principles of Information Systems	4
ECON 120 Principles of Macroeconomics	3
PHIL 102B Introduction To Philosophy: Values	3
And The Following Job Skills Certificate of Performance Courses:	
Must Select All BUSE 090 Courses (5.5 Units) or 5 Units of BUSE 277C (A Repeatable Course):	
BUSE 090A Learning Skills	1.5
and BUSE 090B Work Success	1.5
and BUSE 090C Business Internship Seminars	1
and BUSE 090D Workplace Competencies	1.5
or BUSE 277C Service Learning—Community	1 3
Total Units = 50 52.5	

**Certificate Performance
Loan Underwriting**

Courses Required for the Major:	Units
BANK 102 Mortgage Brokerage and Banking	4
BANK 106 Loan Underwriting	5
Total Units = 9	

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Associate in Arts Degree
Communication Studies for Transfer**

Courses Required for the Major: Units
COMS 103, Oral Communication*3

Select two of the following courses:
COMS 160, Argumentation*
COMS 135, Interpersonal Communication*
COMS 170, Small Group Communication*6

Select two of the following courses (not selected above) to meet the lower division preparation for the major to your transfer university:

- ENGL 101, Reading and Composition* **or**
- ENGL 105, Composition and Literature* **or**
- ENGL 205, Critical Thinking*
- ENGL 210, American Literature I*
- ENGL 211, American Literature II*
- ENGL 215, English Literature I: 800-1799*
- ENGL 216, English Literature II: 1800-Present*
- FREN 201, Third Course in French*
- GEOL 100, General Geology*
- GEOL 101, Physical Geology Laboratory*
- GERM 201, Third Course in German*
- HIST 105, Introduction to Western Civilization I*
- HIST 106, Introduction to Western Civilization II*
- ITAL 201, Third Course in Italian*
- JOUR 202, Introduction to Mass Communication*
- JOUR 210A, Newspaper Production (3 unit option only)
- MATH 119, Elementary Statistics* **or**
- PSYC 258, Behavioral Science Statistics*
- PHIL 205, Contemporary Philosophy*
- PSYC 101, General Psychology*
- SPAN 201, Third Course in Spanish*
- COMS 101, Voice and Articulation
- COMS 104, Advanced Public Communication
- COMS 111, Oral Interpretation
- COMS 135, Interpersonal Communication*
- COMS 160, Argumentation*
- COMS 170, Small Group Communication *
- COMS 180, Intercultural Communication*6-8

If needed to total 18 units, select one of the following courses (not selected above) to meet the lower division preparation for the major to your transfer university:

- ANTH 102, Introduction to Physical Anthropology*
- ANTH 103, Introduction to Cultural Anthropology*
- ENGL 101, Reading and Composition* **or**
- ENGL 105 Composition and Literature* **or**
- ENGL 205, Critical Thinking*
- ENGL 210, American Literature I*
- ENGL 211, American Literature II*
- ENGL 215, English Literature I: 800-1799*
- ENGL 216, English Literature II: 1800-Present*
- FREN 201, Third Course in French*
- GEOL 100, General Geology*
- GEOL 101, Physical Geology Laboratory*
- GERM 201, Third Course in German*
- HIST 105, Introduction to Western Civilization I*
- HIST 106, Introduction to Western Civilization II*
- ITAL 201, Third Course in Italian*
- JOUR 200, Introduction to Newswriting and Reporting
- JOUR 201, Advanced Newswriting and Reporting
- JOUR 202, Introduction to Mass Communication *
- JOUR 210A, Newspaper Production (3 unit option only)
- MATH 119, Elementary Statistics* **or**
- PSYC 258, Behavioral Science Statistics*
- PHIL 205, Contemporary Philosophy*
- PSYC 101, General Psychology*
- SOCO 101, Principles of Sociology*
- SPAN 201, Third Course in Spanish*
- COMS 101, Voice and Articulation
- COMS 104, Advanced Public Communication
- COMS 111, Oral Interpretation
- COMS 135, Interpersonal Communication*
- COMS 160, Argumentation*
- COMS 170, Small Group Communication *
- COMS 180, Intercultural Communication*3

*Course also fulfills general education requirements for the CSU GE or IGETC pattern.

Communication Studies

ACTION

Adoption of a new program at Miramar College.

Proposed new program at Miramar College:

**Associate in Arts Degree
Communication Studies for Transfer**

Required Courses: Units

- COMS 103, Oral Communication*
- COMS 135, Interpersonal Communication*
- COMS 160, Argumentation*9

Select two of the following courses:

(It is recommended to select courses that meet lower division major preparation requirements for your transfer university)

- COMS 180, Intercultural Communication*
- JOUR 202, Introduction to Mass Communication*
- JOUR 210A, Newspaper Production (3 unit option only)
- ENGL 101, Reading and Composition*
- ENGL 205, Critical Thinking*
- ENGL 210, American Literature I*
- ENGL 211, American Literature II*
- ENGL 215, English Literature I: 800-1799*
- ENGL 216, English Literature II: 1800-Present*
- HIST 105, Introduction to Western Civilization I*
- HIST 106, Introduction to Western Civilization II*
- MATH 119, Elementary Statistics* **or**
- PSYC 258, Behavioral Science Statistics*
- PSYC 101, General Psychology*
- SPAN 201, Third Course in Spanish*3-5

Select two of the following courses:

(It is recommended to select courses that meet lower division major preparation requirements for your transfer university)

- COMS 180, Intercultural Communication*
- JOUR 202, Introduction to Mass Communication*
- JOUR 210A, Newspaper Production (3 unit option only)
- ANTH 103, Introduction to Cultural Anthropology*
- ENGL 101, Reading and Composition*
- ENGL 205, Critical Thinking*
- ENGL 210, American Literature I*
- ENGL 211, American Literature II*
- ENGL 215, English Literature I: 800-1799*
- ENGL 216, English Literature II: 1800-Present*
- HIST 105, Introduction to Western Civilization I*
- HIST 106, Introduction to Western Civilization II*
- MATH 119, Elementary Statistics* **or**
- PSYC 101, General Psychology*
- PSYC 258, Behavioral Science Statistics*
- SPAN 201, Third Course in Spanish*
- SOCO 101, Principles of Sociology* 3-5

*Course also fulfills general education requirements for the CSU GE or IGETC pattern.

Communication Studies

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Certificate of Performance
Speech-Communication Studies**

Courses Required for the Major:	Units
SPEE COMS 103 Oral Communication	3
Select Six Units From:	
SPEE COMS 101 Voice and Articulation	3
SPEE COMS 104 Advanced Public Communication ..	3
SPEE COMS 111 Oral Interpretation	3
SPEE COMS 117A Intercollegiate Forensics	1-3
SPEE COMS 117B Intercollegiate Forensics	1-3
SPEE COMS 117C Intercollegiate Forensics	1-3
SPEE COMS 117D Intercollegiate Forensics	1-3
SPEE COMS 135 Interpersonal Communication	3
SPEE COMS 160 Argumentation	3
SPEE COMS 170 Small Group Communication	3
SPEE COMS 180 Intercultural Communication	3
Total Units = 9	

**Associate in Arts Degree
Speech Communication Studies**

Courses Required for the Major:	Units
SPEE COMS 103 Oral Communication.....	3
Select 15 Units From The Following Courses:	
SPEE COMS 101 Voice and Articulation	3
SPEE COMS 104 Advanced Public Communication	3
SPEE COMS 111 Oral Interpretation	3
SPEE COMS 117A Intercollegiate Forensics.....	1-3
SPEE COMS 117B Intercollegiate Forensics.....	1-3
SPEE COMS 117C Intercollegiate Forensics.....	1-3
SPEE COMS 117D Intercollegiate Forensics.....	1-3
SPEE COMS 135 Interpersonal Communication	3
SPEE COMS 160 Argumentation	3
SPEE COMS 170 Small Group Communication	3
SPEE COMS 180 Intercultural Communication	3
SPEE COMS 290 Independent Study.....	1-3
Total Units = 18	

English as a Second Language

ACTION

Adoption of a new program at Continuing Education.

Proposed new program at Continuing Education:

**Certificate of Completion
Beginning English as a Second
Language**

Required Courses:

ESLA 431, ESL Beg Literacy 1
ESLA 432, ESL Beg Low 2
ESLA 433, ESL Beg High 3

**Certificate of Completion
Advanced English as a Second
Language**

Required Courses:

ESLA 436, ESL Adv Low 6
ESLA 437, ESL Adv High

**Certificate of Completion
Intermediate English as a Second
Language**

Required Courses:

ESLA 434, ESL Int Low 4
ESLA 435, ESL Int High 5

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Certificate of Achievement
Community Health Work**

Courses Required for the Major	Units:
HUMS 103 Introduction to Community Health Work	.3
HUMS 095 Public Assistance and Benefits Program	..1
HUMS 112 Community Service Practicum	3
HEAL 101 Health and Life-Style	3
PSYC 101 General Psychology	3
PSYC 230 Psychology of Lifespan Development	3
Total Units =	16

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Associate in Arts Degree
Liberal Arts and Sciences with an
Emphasis in Scientific Studies
Mathematics and Pre-Engineering
Specialization**

Courses Required for the Major: Units
Students should complete a minimum of 18 units
including both Mathematics and Pre-
Engineering courses:

CHEM 200, General Chemistry I - Lecture
CHEM 200L, General Chemistry I - Laboratory
CHEM 201, General Chemistry II Lecture
CISC 150, Introduction to Computer and Information
Sciences
CISC 152, Introduction to the Linux Operating
System
CISC 181, Principles of Information Systems
CISC 186, Visual Basic Programming
CISC 187, Data Structures and Object Orientation
CISC 189A, Introduction to Programming I **and**
CISC 189B Introduction to Programming II **or**
CISC 190, Java Programming
CISC 192, C/C++ Programming
CISC 205, Object Oriented Programming Using C++
CISC 220, Fundamentals of Computer Game
Programming
ELCT 111, Electrical Theory I
ELCT 111L, Electrical Laboratory I
ELCT 121, Electrical Theory II
ELCT 121L, Electrical Laboratory II
ELDT 124, Basic DC/AC Electronics
ELDT 124L, Basic DC/AC Laboratory
ELDT 125, DC/AC Circuit Analysis with Pspice
ELDT 125L, DC/AC Circuit Analysis Laboratory
ELDT 230, Advanced Computer Designs
ELDT 230L, Advanced Computer Designs
Laboratory
ENGE 101, Introduction to Engineering
ENGE 115, FORTRAN and Numerical Methods for
Engineers and Scientists
ENGE 116, Computational Methods in Engineering
ENGE 151, Engineering Drawing
ENGE 152, Engineering Design
ENGE 200, Statics
ENGE 210, Properties of Materials

ENGE 240, Digital Systems
ENGE 250, Dynamics
ENGE 260, Electric Circuits
MATH 104, Trigonometry
MATH 107, Introduction to Scientific Programming
MATH 107L, Introduction to Scientific Programming Lab
MATH 108, Intermediate Scientific Programming
MATH 108L, Intermediate Scientific Programming Lab
MATH 116, College and Matrix Algebra
MATH 118, A Survey of Modern Mathematics
MATH 119, Elementary Statistics
MATH 121, Basic Techniques of Applied Calculus I
MATH 122, Basic Techniques of Applied Calculus II
MATH 141, Precalculus
MATH 150, Calculus with Analytic Geometry I
MATH 151, Calculus with Analytic Geometry II
MATH 181, Mecomtronics College Algebra and
Trigonometry
MATH 183, Mecomtronics Calculus I
MATH 237, Machine and Assembly Language
MATH 237L, Assembly Language Lab
MATH 245, Discrete Mathematics
MATH 252, Calculus with Analytic Geometry III
MATH 254, Introduction to Linear Algebra
MATH 255, Differential Equations
MCTR 102A, DC Circuits
MCTR 103A, AC Circuits
MCTR 120A, Basic Physics for Technical Applications I
MCTR 120B, Basic Physics for Technical Applications II
MCTR 120C, Basic Physics for Technical Applications III
MFET 101, Introduction to Manufacturing Engineering
Technology **or**
MFET 101A, Introduction to Manufacturing I
MFET 110, Industrial Safety
MFET 120, Manufacturing Processes
MFET 210, Statistical Process Control
PHYS 180A, General Physics I
PHYS 121A, General Physics Lab
PHYS 195, Mechanics
PHYS 196, Electricity and Magnetism
PHYS 197, Waves, Optics and Modern Physics18

**Associate in Arts Degree
Liberal Arts and Sciences with an
Emphasis in Scientific Studies
Physical and Earth Sciences
Specialization**

Courses Required for the Major: Units
Students should complete a minimum of 18
units including both Physical and Earth
Science courses:

AGRI 101, Principles of Sustainable Agriculture

ASTR 101, Descriptive Astronomy

ASTR 109, Practice in Observing

ASTR 111, Astronomy Laboratory

CHEM 100, Fundamentals of Chemistry

CHEM 100L, Fundamentals of Chemistry
Laboratory

CHEM 111, Chemistry in Society

CHEM 111L, Chemistry in Society Lab

CHEM 130, Introduction to Organic and
Biological Chemistry

CHEM 130L, Introduction to Organic and
Biological Chemistry

CHEM 152, Introduction to General Chemistry

CHEM 152L, Introduction to General Chemistry
Laboratory

CHEM 200, General Chemistry I - Lecture

CHEM 200L, General Chemistry I - Laboratory

CHEM 201, General Chemistry II Lecture

CHEM 201L, General Chemistry II Laboratory

CHEM 231, Organic Chemistry I - Lecture

CHEM 231L, Organic Chemistry II - Laboratory

CHEM 233, Organic Chemistry II - Lecture

CHEM 233L, Organic Chemistry II - Laboratory

CHEM 251, Analytic Chemistry

CISC 181, Principles of Information Systems

CISC 190, Java Programming or

CISC 192, C/C++ Programming

GEOG 101, Physical Geography

GEOG 101L, Physical Geography Laboratory

GEOG 102, Cultural Geography

GEOG 104, World Regional Geography

GEOL 100, General Geology

GEOL 101, General Geology Laboratory

GEOL 104, Earth Science

GISG 104, Geographic Information Science and
Spatial Reasoning

GISG 110, Introduction to Mapping and
Geographic Information Systems

MATH 150, Calculus with Analytic Geometry I

MATH 151, Calculus with Analytic Geometry II

MATH 252, Calculus with Analytic Geometry
III

PHYN 100, Survey of Physical Science

PHYN 101, Survey of Physical Science Laboratory

PHYS 100, Introductory Physics

PHYS 121A, General Physics Lab

PHYS 121B, General Physics Lab

PHYS 125, General Physics

PHYS 126, General Physics II

PHYS 180A, General Physics I

PHYS 180B, General Physics II

PHYS 195, Mechanics

PHYS 196, Electricity and Magnetism

PHYS 197, Waves, Optics and Modern Physics

SUST 101, Introduction to Sustainability

BIOL 200, Biological Statistics **or**

MATH 119, Elementary Statistics **or**

PSYC 258, Behavioral Science Statistics 18

ACTION

Adoption of a new program at Mesa College.

Proposed new program at Mesa College:

**Certificate of Achievement:
General Education**

This certificate is designed for transfer students who intend to complete university general education requirements prior to transfer to a California State University (CSU) or University of California (UC) campus.

General education (GE) is a set of courses from a variety of different subject areas that every student must complete in order to earn a degree, regardless of major. The goal is to provide a well-rounded or “liberal” education and to develop the knowledge, skills, and attitudes that together help make up an educated person. The completion of GE prior to transfer is not required for admission to most universities. However, it is usually in the students’ best interest to complete an appropriate transfer GE pattern at the community college. This is because GE requirements that are not fulfilled prior to transfer must be completed later at the university, which often extends the time and expense of a university education.

The Certificate of Achievement in General Education is awarded upon completion of one of the following two transfer GE patterns:

California State University General Education—Breadth Pattern (CSU GE) Option

The student will select courses that fulfill the CSU GE certification pattern detailed on page ?? of this catalog. CSU GE is accepted by all CSU campuses and some private / independent or out of state universities. CSU GE is not accepted by the UC system.

Total units = 39–40

Intersegmental General Education Transfer Curriculum (IGETC) Option

The student will select courses that fulfill the IGETC certification pattern detailed on page ?? of this catalog. IGETC is accepted by all CSU campuses and most UC campuses and majors. It is also accepted by some private/independent or out of state universities.

Total units = 37–40

Mechanical Technology

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

- D. Labor Market Information¹: The annual average number of persons employed in the Weatherization program area is 310 in San Diego County in the 2008 Employment year. Approximately 60 new job openings are projected through 2018.
- E. Duplication²: None.
- F. Effectiveness³: Program Area OR the projected enrollment 25 students for the 2011-2012 year in a New Program area.
4. Information was obtained from California Labor Market Info at www.ca.gov
 5. Information was obtained from California Labor Market Info at www.ca.gov
 6. Information was obtained from CE Mechanical Technology Program.

ACTION

Adoption of a new program at Continuing Education.

Proposed new program at Continuing Education:

Certificate of Completion Weatherization Program

Required Courses:

MECT 441, Weatherization I

MECT 442, Weatherization II

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Associate in Arts Degree
Musical Theater**

Courses Required for the Major:	Units
<u>DANC 115 Tap</u>	<u>1</u>
DRAM 119 Acting for Film and Television	3
DRAM 132 Beginning Acting	3
DANC 135 Jazz Dance	1
<u>DANC 153 Dance Making: Dance Theatre</u>	<u>1</u>
DRAM 172 Beginning Musical Theater Audition	2
DRAM 173 Intermediate Musical Theater Workshop .2	
DRAM 174 Advanced Musical Theater Workshop	2
DRAM 251 Musical Comedy Rehearsal, Production and Performance	4
MUSI 120 Beginning Voice Class	2
Total Units = 15.5 19	

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Associate in Science Degree
Registered Nursing Program (Generic)
Nursing (Generic RN)**

Program Prerequisites:	Units
BIOL 205 General Microbiology	5
BIOL 230 Human Anatomy	4
BIOL 235 Human Physiology	4
Courses Required for the Major:	Units
ENGL 101 Reading and Composition	3
PSYC 101 General Psychology	3
<u>SPEE COMS 103 Oral Communication or</u>	
<u>SPEE COMS 135 Interpersonal Communication</u>	<u>3</u>
<u>ANTH 103 Introduction to Cultural Anthropology or</u>	
SOCO 101 Principles of Sociology or	
SOCO 110 Contemporary Social Problems	3
NRSE 101 Interactions in Nursing	1
NRSE 102 Fundamental Nursing Concepts and Skills I	4.5
NRSE 103 Fundamental Nursing Concepts and Skills II	4.5
NRSE 104 Pharmacology for Nursing Practice	1
NRSE 105 Adult Health Nursing I	5
NRSE 107 Adult Health Nursing II	5
NRSE 202 Adult Health Nursing III	4.5
NRSE 203 Psychosocial and Gerontological Nursing	4.5
NRSE 204 Family Health Nursing	5
NRSE 205 Transition to the Registered Nurse Role	4
NRSE 140 Foundations of Nursing	4.5
NRSE 141 Pharmacology for Nursing	1
NRSE 142 Medical Surgical Nursing I	4.5
NRSE 144 Medical Surgical Nursing II	4.5
NRSE 146 Maternal-Child Health Nursing	4.5
NRSE 240 Medical/Surgical Nursing III	4.5
NRSE 242 Mental Health & Gerontological Nursing	4.5
NRSE 244 Medical Surgical Nursing IV	4.5
NRSE 246 Leadership in Nursing	4.5
Total Units =	51 49

Photography

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Certificate of Achievement
Photography**

Courses Required for the Major:	Units
<u>ARTF 150A Two-Dimensional Design</u>	3
<u>PHOT 100 Basic Black-and-White Photography</u>	3
<u>PHOT 109 Photographic Composition and Design</u>	3
<u>PHOT 125 Photo Business Operations</u>	2
<u>PHOT 135 Intermediate Black and White Photography</u> 3	
<u>PHOT 143 Introduction to Digital Photography</u>	3
<u>PHOT 145 Color Transparency Photography</u>	2
<u>PHOT 150 History of Photography</u>	3
<u>PHOT 180 Digital Imaging</u>	3
<u>PHOT 200A Photographic Lighting Techniques</u>	4
<u>PHOT 259 The Photographic Portfolio</u>	3

Select One Course From:

<u>PHOT 155 Color Photography, Negative</u>	3
<u>PHOT 156 Color Photography Positive</u>	3
<u>PHOT 180 Digital Imaging</u>	3

Select One Course From:

Select a Minimum of Six Units from the Following:

<u>ARTF 193 Photography as Fine Art</u>	3
<u>PHOT 201 Intermediate Lighting Techniques</u>	4
<u>PHOT 220 Portraiture</u>	3
<u>PHOT 230 Advertising Photography</u>	3
<u>PHOT 240 Large Format Photography</u>	3
<u>PHOT 250 Fashion Photography</u>	3
<u>PHOT 257 Wedding and Event Photography</u>	2

Select A Minimum Of 9 Units From The Following:

<u>PHOT 135 Intermediate Black-and-White Photography</u> 3	
<u>PHOT 165 Electronic Portfolios for Photographers</u>	3
<u>PHOT 205 Travel Photography</u>	3
<u>PHOT 215 Photo Journalism and Documentary Photography</u>	3
<u>PHOT 235 Advanced Black and White Photography</u> ..3	
<u>PHOT 243 Advanced Digital Photography</u>	3
<u>PHOT 245 Landscape and Nature Photography</u>	3
<u>PHOT 255 Photographic Exhibition and Curatorial</u>	3

Select A Minimum Of 3 Units From The

<u>Following:</u>	
<u>PHOT 126 Legal Issues for Photographers</u>	2
<u>PHOT 127 Self Promotion for Professional Photographers</u>	2
<u>PHOT 145 Color Transparency Photography</u>	2
<u>PHOT 160 Book Publishing for Photographers</u>	1.5
<u>PHOT 237 Historic & Alternative Photo Processes</u>	3
<u>PHOT 258 Production for Commercial Photography</u>	2
<u>ARTF 155A Freehand Drawing I</u>	3

Total Units = 23 42

**Associate in Arts Degree
Photography**

Courses Required for the Major:Units

ARTF 150A Two-Dimensional Design3
 PHOT 100 Basic Black-and-White Photography3
 PHOT 109 Photographic Composition and Design3
 PHOT 125 Photo Business Operations2
 PHOT 135 Intermediate Black and White Photography 3
 PHOT 143 Introduction to Digital Photography3
 PHOT 145 Color Transparency Photography2
 PHOT 150 History of Photography3
 PHOT 180 Digital Imaging3
 PHOT 200A Photographic Lighting Techniques4
 PHOT 259 The Photographic Portfolio3

Select Three Courses From:

Select a Minimum of Six Units from the Following:

ARTF 125 Photo Business Operations.....2
 PHOT 201 Intermediate Lighting Techniques4
 PHOT 220 Portraiture3
 PHOT 230 Advertising Photography3
 PHOT 240 Large Format Photography3
 PHOT 250 Fashion Photography3
 PHOT 257 Wedding and Event Photography2

Select One Course From:

PHOT 155 Color Photography, Negative3
 PHOT 156 Color Photography Positive3
 PHOT 180 Digital Imaging3

Select One Course From:

ARTF 110 Art History: Prehistoric to Gothic3
 ARTF 111 Art History: Renaissance to Modern3
 ARTF 150B Beginning Graphic Design3
 ARTF 151 Three Dimensional Design3
 ARTF 155A Freehand Drawing I3
 ARTF 193 Photography as Fine Art3

Select A Minimum Of 9 Units From The Following:

PHOT 135 Intermediate Black-and-White Photography3
 PHOT 165 Electronic Portfolios for Photographers3
 PHOT 205 Travel Photography3
 PHOT 215 Photo Journalism and Documentary
 Photography3
 PHOT 235 Advanced Black and White Photography ..3
 PHOT 243 Advanced Digital Photography3
 PHOT 245 Landscape and Nature Photography3
 PHOT 255 Photographic Exhibition and Curatorial3

Select A Minimum Of 3 Units From The

Following:

PHOT 126 Legal Issues for Photographers 2
 PHOT 127 Self Promotion for Professional
 Photographers 2
 PHOT 145 Color Transparency Photography 2
 PHOT 160 Book Publishing for Photographers 1.5
 PHOT 237 Historic & Alternative Photo Processes..... 3
 PHOT 258 Production for Commercial
 Photography.....2
 ARTF 155A Freehand Drawing I3

Total Units = 29-30 42

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Associate in Arts Degree
Psychology for Transfer**

Required Courses: Units

- PSYC 101, General Psychology*
- PSYC 255, Introduction to Psychological Research
- BIOL 200, Biological statistics **or**
- MATH 119, Elementary Statistics* **or**
- PSYC 258, Behavioral Science and Statistics* 9
- Select one of the following courses:**
- BIOL 107, General Biology–Lecture and Laboratory*
or
- PSYC 260, Introduction to Physiological Psychology*3-4
- Select one of the following courses (not selected above) to meet the lower division preparation for the major to your transfer university:**
- BIOL 107, General Biology-Lecture and Laboratory*
- BIOL 210A, Introduction to the Biological Sciences I*
- BIOL 230, Human Anatomy*
- CHEM 100, Fundamentals of Chemistry*
- CHEM 100L, Fundamentals of Chemistry Laboratory*
- CHEM 130, Introduction to Organic and Biological Chemistry*
- CHEM 130L, Introduction to Organic and Biological Chemistry*
- CHEM 200, General Chemistry I*
- CHEM 200L, General Chemistry I*
- CHEM 201, General Chemistry II*
- CHEM 201L, General Chemistry II Laboratory*
- CHIL 101, Human Growth and Development*
- CISC 192, C/C++ Programming
- ENGL 101, Reading and Composition* **or**
- ENGL 105, Composition and Literature*
- ENGL 205, Critical Thinking*
- MATH 104, Trigonometry*
- MATH 108/108L, Intermediate Scientific Programming/Laboratory
- MATH 150, Calculus with Analytic Geometry I*
- MATH 151, Calculus with Analytic Geometry II*
- PHIL 100, Logic and Critical Thinking*
- PHIL 205, Critical Thinking and Writing in Philosophy*
- PHYS 125, General Physics*
- PHYS 126, General Physics II*
- PHYS 180A/180B, General Physics I/Laboratory I*
- PHYS 181A/181B, General Physics II/Laboratory II*
- PHYS 195, Mechanics*
- PHYS 196, Electricity and Magnetism *
- PHYS 197, Waves, Optics, and Modern Physics*
- PSYC 111, Psychological/Social Aspects of Aging, Death and Dying*
- PSYC 135, Marriage and Family Relations*
- PSYC 137, Human Sexual Behavior*
- PSYC 155, Introduction to Personality*

- PHYS 197, Waves, Optics, and Modern Physics*
- PSYC 155, Introduction to Personality*
- PSYC 166, Introduction to Social Psychology*
- PSYC 211, Learning*
- PSYC 230, Psychology of Lifespan Development*
- PSYC 260, Introduction to Physiological Psychology*
- SOCO 101, Principles of Sociology*
- SOCO 110, Contemporary Social Problems*..... 3-5
- If needed to total 18 units, select one of the following courses (not completed above) to meet the lower division preparation for the major to your transfer university:**
- BIOL 107, General Biology-Lecture and Laboratory*
- BIOL 210A, Introduction to the Biological Sciences I*
- BIOL 230, Human Anatomy*
- CHEM 100, Fundamentals of Chemistry*
- CHEM 100L, Fundamentals of Chemistry Laboratory*
- CHEM 130, Introduction to Organic and Biological Chemistry*
- CHEM 130L, Introduction to Organic and Biological Chemistry*
- CHEM 200, General Chemistry I*
- CHEM 200L, General Chemistry I*
- CHEM 201, General Chemistry II*
- CHEM 201L, General Chemistry II Laboratory*
- CHIL 101, Human Growth and Development*
- CISC 192, C/C++ Programming
- ENGL 101, Reading and Composition* **or**
- ENGL 105, Composition and Literature*
- ENGL 205, Critical Thinking *
- MATH 104, Trigonometry*
- MATH 108/108L, Intermediate Scientific Programming/Laboratory
- MATH 150, Calculus with Analytic Geometry I*
- MATH 151, Calculus with Analytic Geometry II*
- PHIL 100, Logic and Critical Thinking*
- PHIL 205, Critical Thinking and Writing in Philosophy*
- PHYS 125, General Physics*
- PHYS 126, General Physics II*
- PHYS 180A/180B, General Physics I/Laboratory I*
- PHYS 181A/181B, General Physics II/Laboratory II*
- PHYS 195, Mechanics*
- PHYS 196, Electricity and Magnetism *
- PHYS 197, Waves, Optics, and Modern Physics*
- PSYC 111, Psychological/Social Aspects of Aging, Death and Dying*
- PSYC 135, Marriage and Family Relations*
- PSYC 137, Human Sexual Behavior*

PSYC 161, Introduction to Counseling*

Psychology

PSYC 165, Theories of Consciousness*
PSYC 166, Introduction to Social Psychology*
PSYC 211, Learning*
PSYC 230, Psychology of Lifespan Development*
PSYC 245, Abnormal Psychology*
PSYC 260, Introduction to Physiological Psychology *
SOCO 101, Principles of Sociology*
SOCO 110, Contemporary Social Problems*3-5
Total Units = 18-23.

*Course also fulfills general education requirements for the CSU GE or IGETC pattern.

ACTION

Adoption of a new program at Mesa College.

Proposed new program at Mesa College:

**Associate in Arts Degree
Psychology for Transfer**

Required Courses:

Units

- PSYC 101, General Psychology*
- PSYC 255, Introduction to Psychological Research
- BIOL 200, Biological statistics **or**
- MATH 119, Elementary Statistics* **or**
- PSYC 258, Behavioral Science and Statistics*9-10
- Select one of the following courses:**
- BIOL 107, General Biology–Lecture and Laboratory*
- or**
- PSYC 260, Introduction to Physiological Psychology*3-4
- Select one of the following courses (not selected above):**
- (It is recommended to select courses that meet lower division major preparation requirements for your university)*
- BIOL 107, General Biology-Lecture and Laboratory*
- BIOL 210A, Introduction to the Biological Sciences I-
Lecture and Laboratory*
- BIOL 230, Human Anatomy-Lecture and Laboratory*
- CHEM 100/100L, Fundamentals of
Chemistry/Laboratory*
- CHEM 130/130L, Introduction to Organic and
Biological Chemistry/Laboratory*
- CHEM 200/200L, General Chemistry I/Laboratory*
- CHEM 201/201L, General Chemistry II/Laboratory*
- CHIL 101, Human Growth and Development*
- CISC 192, C/C++ Programming
- ENGL 101, Reading and Composition*
- ENGL 105, Composition and Literature*
- ENGL 205, Critical Thinking*
- MATH 104, Trigonometry*
- MATH 150, Calculus with Analytic Geometry I*
- MATH 151, Calculus with Analytic Geometry II*
- PHIL 100, Logic and Critical Thinking*
- PHIL 205, Critical Thinking and Writing in
Philosophy*
- PHYS 125, General Physics*
- PHYS 126, General Physics II*
- PHYS 195, Mechanics*
- PHYS 196, Electricity and Magnetism*
- PHYS 197, Waves, Optics, and Modern Physics*
- PSYC 121, Introduction to Child Psychology*
- PSYC 125, Introduction to Behavior Modification
- PSYC 155, Introduction to Personality*
- PSYC 166, Introduction to Social Psychology*

- PSYC 211, Learning*
- PSYC 230, Psychology of Lifespan Development*
- PSYC 260, Introduction to Physiological Psychology *
- SOCO 101, Principles of Sociology*
- SOCO 110, Contemporary Social Problems* 3-5
- Select one course from the following (not selected above):**
- (It is recommended to select courses that meet lower division major preparation requirements for your university)*
- BIOL 107, General Biology-Lecture and Laboratory*
- BIOL 210A, Introduction to the Biological Sciences I-
Lecture and Laboratory*
- BIOL 230, Human Anatomy-Lecture and Laboratory*
- CHEM 100/100L, Fundamentals of Chemistry/Laboratory*
- CHEM 130/130L, Introduction to Organic and Biological
Chemistry/Laboratory*
- CHEM 200/200L, General Chemistry I/Laboratory*
- CHEM 201/201L, General Chemistry II/Laboratory*
- CHIL 101, Human Growth and Development*
- CISC 192, C/C++ Programming
- ENGL 101, Reading and Composition*
- ENGL 105, Composition and Literature*
- ENGL 205, Critical Thinking*
- MATH 104, Trigonometry*
- MATH 150, Calculus with Analytic Geometry I*
- MATH 151, Calculus with Analytic Geometry II*
- PHIL 100, Logic and Critical Thinking*
- PHIL 205, Critical Thinking and Writing in Philosophy*
- PHYS 125, General Physics-Lecture and Laboratory*
- PHYS 126, General Physics II-Lecture and Laboratory*
- PHYS 195, Mechanics-Lecture and Laboratory*
- PHYS 196, Electricity and Magnetism-Lecture and
Laboratory*
- PHYS 197, Waves, Optics, and Modern Physics-Lecture
and Laboratory*
- PSYC 111, Psychological/Social Aspects of Aging, Death
and Dying*
- PSYC 112, Interpersonal Relations*
- PSYC 121, Introduction to Child Psychology*
- PSYC 125, Introduction to Behavior Modification
- PSYC 128, Biofeedback and Stress Management*
- PSYC 133, Psychology of Women*
- PSYC 135, Marriage and Family Relations*
- PSYC 137, Human Sexual Behavior*
- PSYC 155, Introduction to Personality*
- PSYC 161, Introduction to Counseling
- PSYC 165, Theories of Consciousness

Psychology

PSYC 166, Introduction to Social Psychology*
PSYC 211, Learning*
PSYC 230, Psychology of Lifespan Development*
PSYC 245, Abnormal Psychology
PSYC 260, Introduction to Physiological Psychology*
PSYC 262, Health Psychology
SOCO 101, Principles of Sociology*
SOCO 110, Contemporary Social Problems*3-5
Total Units = 18-24

*Course also fulfills general education requirements for the CSU GE or IGETC pattern.

ACTION

Adoption of a new program at Mesa College.

Proposed new program at Mesa College:

**Associate in Arts Degree
Sociology for Transfer**

Required Course:	Units
SOCO 101, Principles of Sociology.....	3
Select two of the following courses:	
BIOL 200, Biological Statistics* or	
MATH 119, Elementary Statistics* or	
PSYC 258, Behavioral Science and Statistics*	
PSYC 255, Introduction to Psychological Research	
SOCO 110, Contemporary Social Problems*	6
Select two of the following courses (not selected above):	
<i>(It is recommended to select courses that meet lower division major preparation requirements for your university)</i>	
BIOL 200, Biological Statistics* or	
MATH 119, Elementary Statistics* or	
PSYC 258, Behavioral Science and Statistics*	
PSYC 166, Introduction to Social Psychology*	
PSYC 255, Introduction to Psychological Research	
SOCO 110, Contemporary Social Problems*	
SOCO 125, Sociology of the Family*	
SOCO 201, Advanced Principles of Sociology*	
SOCO 223, Globalization and Social Change*.....	6
Select one course from the following (not selected above):	
<i>(It is recommended to select courses that meet lower division major preparation requirements for your university)</i>	
ANTH 103, Introduction to Cultural Anthropology*	
BIOL 200, Biological Statistics* or	
MATH 119, Elementary Statistics* or	
PSYC 258, Behavioral Science and Statistics*	
ENGL 105, Composition and Literature*	
ENGL 205, Critical Thinking*	
GEOG 102, Cultural Geography*	
PHIL 100, Logic and Critical Thinking*	
PHIL 205, Critical Thinking and Writing in Philosophy*	
PSYC 101, General Psychology*	
PSYC 166, Introduction to Social Psychology*	
PSYC 255, Introduction to Psychological Research	
SOCO 110, Contemporary Social Problems*	
SOCO 125, Sociology of the Family*	
SOCO 201, Advanced Principles of Sociology*	
SOCO 223, Globalization and Social Change*.....	3
Total Units = 18	

* Course also fulfills general education requirements for the CSUGE or IGETC pattern.

ACTION

Adoption of a new program at Miramar College.

Proposed new program at Miramar College:

**Associate in Arts Degree
Sociology for Transfer**

Required Courses:	Units
SOCO 101, Principles of Sociology*	
SOCO 110, Contemporary Social Problems*	
MATH 119, Elementary Statistics* or	
PSYC 258, Behavioral Science and Statistics*	
PSYC 166, Introduction to Social Psychology*	
PSYC 255, Introduction to Psychological Research*	15
Select one of the following courses:	
<i>(It is recommended to select courses that meet lower division major preparation requirements for your transfer university)</i>	
SOCO 201, Advanced Principles of Sociology*	
SOCO 223, Globalization and Social Change*	
ANTH 103, Introduction to Cultural Anthropology*	
ENGL 205, Critical Thinking*	
GEOG 102, Cultural Geography*	
PHIL 100, Logic and Critical Thinking*	
PSYC 101, General Psychology*	
PSYC 135, Marriage and Family Relations*	3

Total Units = 18

* Course also fulfills general education requirements
for the CSU GE or IGETC pattern.

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Associate in Arts Degree
Theater**

Courses Required for the Major:	Units
DRAM 105 Introduction to Dramatic Arts	3
DRAM 119 Acting for Film and Television	3
DRAM 122 Makeup for the Stage	2
DRAM 123 Beginning Stagecraft	3
DRAM 132 Beginning Acting	3
DRAM 134 Beginning Voice for Actors	3
DRAM 165 Introduction to Stage Movement	3
<u>Select Three Units From The Following:</u>	
<u>DRAM 107 Study of Filmed Plays</u>	<u>3</u>
<u>DRAM 108 Playwriting</u>	<u>3</u>
<u>DRAM 109 Theatre and Social Issues</u>	<u>3</u>
<u>DRAM 129 Beginning Scene Painting</u>	<u>3</u>
Total Units = 20 23	