

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:

Art-Fine Art

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

Aviation

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

Business

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

Computer and Information Sciences

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

Computer and Information Sciences

Adoption of two course deactivations at Miramar College. **(Attachment E)**

Anthropology

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

Art

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

Art-Fine Art

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

Aviation Operations

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

Behavioral Sciences

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

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

B. STATEMENT OF ISSUE/PURPOSE (continued)

1. Background and Purpose: (continued)

Business Studies

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

Chemistry

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

Computer Business Technology

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

Computer Business Technology

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

Cosmetology

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

Diesel Technology

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

Interior Design

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

Liberal Arts and Sciences

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

Mechanical Design Technology

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

Peace Studies

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

Physical Sciences

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

Physical Science

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

Social and Behavioral Sciences

Adoption of a program revision at Miramar 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 a course deactivation at Miramar College.

Proposed course deactivation at Miramar College:

282 Open Studio

48 - 54 hours lab, 1 units

Letter Grade or Pass/No Pass Option

Corequisite: Completion of or concurrent enrollment in Art-Fine Art 150B, Art-Fine Art 155A, Art-Fine Art 165A, Art-Fine Art 170A, Art-Fine Art 195A, Art-Fine Art 210A, Music 190 or Music 202, each with a grade of "C" or better, or equivalent.

This workshop reinforces the student's aesthetic awareness and technical skills introduced in his or her studio art or music courses. These courses include painting, ceramics, graphic design, life drawing, drawing, crafts, electronic music, and computer music. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course deactivation at Miramar College.

Proposed course deactivation at Miramar College:

199 Instrument Ground School
48 - 54 hours lecture, 48 - 54 hours lab, 4 units
Grade Only

Prerequisite: Aviation 195 and Aviation 195L, each with a grade of "C" or better, or equivalent (Private Pilot Certificate satisfies the AVIA 195 and 196 prerequisite).

Advisory: English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20.

This course provides an overview of the aeronautical knowledge required to successfully take the Federal Aviation Administration's (FAA's) pilot knowledge test for the instrument rating and flight training using an airplane flight simulator. Topics include basic instrument flight techniques, airplane instruments and systems, airspace and air traffic control, Federal Aviation Regulations, aeromedical factors and decision making, weather and weather services, basic instrument flight techniques, navigational aids, charts, and publications, instrument flight rules, procedures, and planning. This course, combined with AVIA 133 (Human Factors in Aviation), fulfills all requirements for the FAA Instrument Rating knowledge test. It is intended for students majoring in Aviation Operations or anyone interested in flight training. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course reactivation at City College.

Proposed course reactivation at City College:

102 Introduction to Customer Service
48 - 54 hours lecture, 3 units
Grade Only

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

This course provides students with basic knowledge of customer service by examining customer service from the provider's and customer's perspectives. It takes a pragmatic approach to applying the principles of service within an organization. Topics include leadership in customer service, customer retention and satisfaction, classifications of service organizations, and principles and practices of internal service. This course is intended for students majoring in business or others interested in business. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course deactivation at City College.

Proposed course deactivation at City College:

128 Introduction to Computer Presentations

**12 - 13.5 hours lecture, 12 - 13.5 hours lab, 1
units
Grade Only**

This course is an introductory, hands-on study of current applications, hardware and software used to prepare effective presentations on desktop computers. Emphasis is placed on planning, designing, developing, presenting and evaluating slide, overhead and computer projection presentations using a combination of text and graphics. (FT) Associate Degree Credit & transfer to CSU.

Computer and Information Sciences

ACTION

Adoption of two course deactivations at Miramar College.

Proposed course deactivations at Miramar College:

189A Introduction to Programming I

**48 - 54 hours lecture, 48 - 54 hours lab, 4 units
Grade Only**

Advisory: English 49 and Mathematics 46, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5 and M40; Computer and Information Sciences 150 or Computer and Information Sciences 181, each with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Computer And Information Sciences 190.

Using the popular programming language Java, this course introduces students to the process of developing simple software applications to solve typical human problems. This includes language syntax, structure, and semantics as well as the basics of object-oriented software engineering. CISC 189A and B together are a slower-paced version of CISC 190, with more programming practice. CISC 189A is the first of the two-course sequence. (FT) Associate Degree Credit & transfer to CSU. UC Transfer Course List.

189B Introduction to Programming II

**48 - 54 hours lecture, 48 - 54 hours lab, 4 units
Grade Only**

Prerequisite: Computer and Information Sciences 189A with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Computer And Information Sciences 190.

Using the popular programming language Java, this course continues the process of students learning how to solve business problems by developing useful software applications. This includes more advanced concepts like abstract data structures, graphics, and data persistence. CISC 189A and B together are a slower-paced version of CISC 190, with more programming practice. CISC 189B is the second of the two-course sequence. (FT) Associate Degree Credit & transfer to CSU. UC Transfer Course List.

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Associate of Arts Degree
Anthropology**

Courses Required for the Major: Units

ANTH 102 Introduction to Physical Anthropology	3
ANTH 103 Introduction to Cultural Anthropology	3
ANTH 107 Introduction to Archaeology.....	3

Select nine units from the following: Units

ANTH 104 Laboratory in Physical Anthropology	1
ANTH 115 Introduction to Archaeological Field Work	4
ANTH 120 Archaeological Artifact Analysis	3
ANTH 200 Introduction to North American Indians.....	3
ANTH 205 Introduction to Medical Anthropology	3
ANTH 210 Introduction to California Indians ...	3
ANTH 215 Cultures of Latin America	3
<u>ANTH 110 Anthropology of Magic, Witchcraft, and Religion</u>	<u>3</u>
<u>ANTH 125 Archaeological Faunal Remains Analysis</u>	<u>3</u>

Total Units = 18

ACTION

Adoption of a program revision at Miramar College.

Proposed program revisions at Miramar College:

**Certificate of Achievement
Graphics**

Courses Required for the Major:	Units	
ART150A Two-Dimensional Design	3	BUSE 100 Introduction to Business
ARTF 150B Beginning Graphic Design.....	3	BUSE 119 Business Communications
ARTF 155A Freehand Drawing I.....	3	
ARTD 160 Vector Art 01: Illustration or		Total Units = 36
ARTD 160A Vector Art 01: Illustration Tools		
and		
ARTD 160B Vector Art 01: Illustration Tasks...	3	
ARTD 170 Raster Art 01: Image Editing or		
ARTD 170A Raster Art 01A: Image Editing		
Tools and		
ARTD 170B Raster Art 01B: Image Editing		
Tasks	3	
ARTD 180 Composition 01: Page Building		
Tools or		
ARTG 126 Intermediate Digital Media.....	3	
ARTD 181 Projects 01: Multi-modal		
productions	3	
ARTG 106 Typography.....	3	
ARTG 148A Portfolio A	3	
ARTG 149 Studio Practices	3	

**Complete 6 units from the following list of
elective courses:**

	Units
ARTF 282 Open Studio.....	1
ARTD 158 Survey of Graphics Technology	3
ARTF 155B Freehand Drawing II.....	3
ARTF 198A Introduction to Printmaking I	3
<u>ARTF 280D Digital Art Studio Lab.....</u>	<u>1</u>
ARTG 118 Graphic Design History	3
ARTG 133 Intermediate Graphic Design II	
(Identity Systems and Packaging).....	3
ARTG 148B Portfolio B.....	3
ARTG 270 Work Experience in Graphic	
Design	1 - 4
ARTG 290 Independent Study in Graphic	
Design	1 - 3

**Associate of Arts Degree
Graphics**

Courses Required for the Major:	Units
ARTF 150A Two-Dimensional Design.....	3
ARTF 150B Beginning Graphic Design.....	3
ARTF 155A Freehand Drawing I.....	3
ARTD 160 Vector Art 01: Illustration or	
ARTD 160A Vector Art 01: Illustration Tools	
and	
ARTD 160B Vector Art 01: Illustration Tasks...	3
ARTD 170 Raster Art 01: Image Editing or	
ARTD 170A Raster Art 01A: Image Editing	
Tools and	
ARTD 170B Raster Art 01B: Image Editing	
Tasks	3
ARTD 180 Composition 01: Page Building	
Tools or	
ARTG 126 Intermediate Digital Media.....	3
ARTD 181 Projects 01: Multi-modal	
productions	3
ARTG 106 Typography.....	3
ARTG 148A Portfolio A	3
ARTG 149 Studio Practices	3

Complete 6 units from the following list of elective courses:

Units	Units
ARTF 282 Open Studio.....	1
ARTD 158 Survey of Graphics Technology	3
ARTF 155B Freehand Drawing II.....	3
ARTF 198A Introduction to Printmaking I	3
<u>ARTF 280D Digital Art Studio Lab.....</u>	<u>1</u>
ARTG 118 Graphic Design History	3
ARTG 133 Intermediate Graphic Design II	
(Identity Systems and Packaging).....	3
ARTG 148B Portfolio B.....	3
ARTG 270 Work Experience in Graphic	
Design	1 - 4
ARTG 290 Independent Study in Graphic	
Design	1 - 3
BUSE 100 Introduction to Business	3
BUSE 119 Business Communications.....	3

Total Units = 36

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Associate of Arts Degree
Museum Studies Emphasis**

Courses Required for the Major:	Units
ARTF 107 Contemporary Art.....	3
ARTF 109 History of Modern Art or	
ARTF 110 Art History: Prehistoric to Gothic or	
ARTF 111 Art History: Renaissance to Modern.....	3
ARTF 150A Two-Dimensional Design	3
ARTF 151 Three-Dimensional Design.....	3
ARTF 155A Freehand Drawing I.....	3
ARTF 231 Introduction to Digital Art.....	3
<u>ARTF 233 Introduction to Digital Photographic Imaging</u>	<u>3</u>

<u>ARTF 130 Pre-Columbian Art.....</u>	<u>3</u>
<u>ARTF 152 Color Theory.....</u>	<u>3</u>

Total Units = 35 34

Complete the requirements for the museum studies emphasis:	Units
<u>ARTF 152 Color Theory</u>	<u>3</u>
ARTF 161A Museum Studies/Gallery Exhibition Skills I.....	3
ARTF 161B Museum Studies/Gallery Exhibition Skills II	3
ARTF 163 Art Museum/Gallery Internship	4
<u>CHIC 230 Chicano Art or</u>	
<u>ARTF 115 African Art or</u>	
<u>ARTF 191 Cultural Influences on Photography.....</u>	<u>3</u>
ARTF 208E Museum Studies Lab.....	1

Select one course from:	Units
ARTF 113 Arts of Africa, Oceania, and the Americas	3
ARTF 115 African Art	3
ARTF 120 Native American Art	3
ARTF 125 Art History: Arts of the Asian Continent.....	3
ARTF 150B Beginning Graphic Design.....	3
BLAS 110 African American Art.....	3
CHIC 230 Chicano Art.....	3

ACTION

Adoption of a program revision at Miramar College.

Proposed program revisions at Miramar College:

**Certificate of Performance
Flight Instructor**

Courses Required for Major:	Units
AVIA 133 Human Factors in Aviation.....	3
AVIA 211 Flight Instructor Ground School.....	3
AVIA 211L Basic Visual Flight Instructor Lab or	
<u>AVIA 215L Basic Instrument Flight Instructor</u>	
<u>Lab</u>	<u>1</u>

Total Units = 7

**Certificate of Performance
Instrument Pilot**

Courses Required for the Major:	Units
AVIA 133 Human Factors in Aviation.....	3
AVIA 195 Instrument Ground School.....	3
AVIA 195L Basic Instrument Flight Lab.....	1
<u>AVIA 196L Advanced Instrument Flight</u>	
<u>Lab or.....</u>	<u>1</u>
<u>AVIA 199 Instrument Ground School.....</u>	<u>4</u>

Total Units = 8-11

**Certificate of Achievement
Professional Piloting**

Courses Required for the Major:	Units
AVIA 101 Private Pilot Ground School.....	3
AVIA 101L Private Pilot Flight Lab	1
AVIA 105 Introduction to Aviation and	
Aerospace	3
AVIA 133 Human Factors in Aviation	3
AVIA 195 Instrument Ground School	3
AVIA 195L Basic Instrument Flight Lab.....	1
<u>AVIA 196L Advanced Instrument Flight</u>	
<u>Lab or.....</u>	<u>1</u>
<u>AVIA 199 Instrument Ground School.....</u>	<u>4</u>
AVIA 201 Commercial Pilot Ground School.....	3

FAA-issued Private Pilot certificate satisfies the AVIA 101 and 101L requirements.

FAA-issued Instrument Pilot certificate satisfies the AVIA 195, 195L, and 196L requirements.

FAA-issued Commercial Pilot certificate satisfies the AVIA 201 requirement.

Students satisfying requirements via FAA certificates must complete alternate coursework approved by the department in order to satisfy the requirement for 18 units in the major.

Total Units = ~~18-21~~ 18

**Associate of Science Degree
Professional Aeronautics**

Courses Required for Major:	Units
AVIA 101 Private Pilot Ground School	3
AVIA 101L Private Pilot Flight Lab	1
AVIA 105 Introduction to Aviation and Aerospace	3
AVIA 133 Human Factors in Aviation.....	3
AVIA 195 Instrument Ground School.....	3
AVIA 195L Basic Instrument Flight Lab	1
<u>AVIA 196L Advanced Instrument Flight Lab or.....</u>	<u>1</u>
AVIA 199 Instrument Ground School.....	4

Select one of the following aviation breadth courses:

	Units
AVIA 125 Aviation and Airport Management...3	
AVIA 128 Group Dynamics for High Risk Teams.....	3
AVIA 151 Helicopter Pilot Ground School.....	3
AVIA 211 Flight Instructor Ground School and	3
AVIA 211L Basic Visual Flight Instructor Lab	1

Select one of the following physical science courses:

	Units
AVIA 115 Aviation Weather.....	3
GEOG 101 Physical Geography.....	3
GEOL 104 Earth Science	3
PHYS 125 General Physics	5
PHYS 180A General Physics I.....	4
PHYS 195 Mechanics.....	5

Select an additional three units from the following:

	Units
AVIA 115 Aviation Weather.....	3
AVIA 125 Aviation and Airport Management...3	
AVIA 128 Group Dynamics for High Risk Teams.....	3
AVIA 151 Helicopter Pilot Ground School.....	3
AVIA 211 Flight Instructor Ground School.....	3
AVIA 211L Basic Visual Flight Instructor Lab	1
AVIA 215L Basic Instrument Flight Instructor Lab	1

AVIA 216L Advanced Instrument Flight Instructor Lab.....	1
AVIA 228 Group Dynamics II.....	3
AVIA 270 Work Experience	1 - 4
AVIA 277D Aviation Service Learning -- on Campus	1 - 3
ACCT 116A Financial Accounting	4
ADJU 205 Leadership Theory and Practice	3
BUSE 201 Business Organization and Management	3
ECON 121 Principles of Microeconomics	3
PHYS 125 General Physics.....	5
PHYS 180A General Physics I.....	4
PHYS 195 Mechanics	5

FAA-issued Private Pilot certificate satisfies the AVIA 101 and 101L requirements.

FAA-issued Instrument Pilot certificate satisfies the AVIA 195, 195L, and 196L requirements.

FAA-issued Commercial Pilot certificate satisfies the AVIA 201 requirement.

Students satisfying requirements via FAA certificates may need to complete alternate coursework approved by the department in order to satisfy the requirement for 18 units in the major.

Total Units = ~~27-33~~ 27-32

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Certificate of Performance
Futures Studies Certificate**

Courses Required for the Major:	Units
FUTR 101 Introduction to Futures Studies	3
ANTH 103 Introduction to Cultural Anthropology	3
SOCO 223 Globalization and Social Change	3
POLI 103 Comparative Politics.....	3
CISC 181 Principles of Information Systems or FUTR 103 Emerging Technologies.....	3-4
FUTR 250 Field Experience in Futures Studies.	1

Total Units = ~~16-17~~ 15-16

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivation at City College:

**Certificate of Performance
Computer Skills in Business**

Courses Required for the Major:	Units
CBTE 120 Beginning Microsoft Word.....	2
CISC 128 Introduction to Computer Presentations	1

Total Units = 3

ACTION

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

**Associate of Science Degree
Chemistry Studies**

Courses Required for Major:	Units
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

Select at least <u>8-eight</u> units from the following:	Units
CHEM 231 Organic Chemistry I - Lecture	3
CHEM 231L Organic Chemistry I – Laboratory.....	2
CHEM 233 Organic Chemistry II - Lecture	3
CHEM 233L Organic Chemistry II – Laboratory.....	2
CHEM 251 Quantitative Analytical Chemistry..	5
ASTR 101 Descriptive Astronomy.....	3
CISC 192 C/C++ Programming	4
<u>GEOL 100 Physical Geology</u>	<u>3</u>
GEOL 104 Earth Science	3
MATH 150 Calculus with Analytic Geometry I	5
MATH 151 Calculus with Analytic Geometry II.....	4
MATH 252 Calculus with Analytic Geometry III	4
PHYS 195 Mechanics.....	5
PHYS 196 Electricity and Magnetism.....	5
PHYS 197 Waves, Optics and Modern Physics .	5

Total Units = 18

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivations at City College:

**Certificate of Achievement
Records Information Management**

Courses Required for the Major:	Units
BUSE 119 Business Communications.....	3
CBTE 114 Introduction to Microsoft Windows .1	1
CBTE 152 Beginning Microsoft Access	2
CBTE 180 Microsoft Office	3
CBTE 205 Records Management	3
CBTE 206 Electronic Records Management.....	3
CBTE 207 Advanced RIM Applications	3
LIBS 101 Information Literacy and Research Skills	1

Total Units = 19

**Associate of Science Degree
Records Information Management**

Courses Required for the Major:	Units
BUSE 101 Business Mathematics	3
BUSE 119 Business Communications.....	3
CBTE 114 Introduction to Microsoft Windows .1	1
CBTE 152 Beginning Microsoft Access	2
CBTE 164 Introduction to Microsoft Outlook ...1	1
CBTE 180 Microsoft Office	3
CBTE 205 Records Management	3
CBTE 206 Electronic Records Management.....	3
CBTE 207 Advanced RIM Applications	3
CBTE 210 Computers in Business or CBTE 211 Office Administration	3
LIBS 101 Information Literacy and Research Skills	1

Total Units 26

ACTION

Adoption of a program deactivation at Mesa College.

Proposed program deactivation at Mesa College:

**Certificate of Achievement
Microcomputer Applications**

Courses Required for the Major:	Units
CBTE 101 Basic Computer Keyboarding or	
CBTE 102 Keyboarding or	
CBTE 103 Beginning Computer	
Keyboarding.....	1 3
CBTE 120 Beginning Microsoft Word.....	2
CBTE 122 Intermediate Microsoft Word.....	3
CBTE 126 Document Processing	3
CBTE 140A Introduction to Microsoft Excel.....	1
CBTE 151 Microsoft Access: Basic.....	1
CBTE 161 Learning the Internet	1
CBTE 167 Webpage Creation Using Microsoft	
Expression Web	3
CBTE 164 Introduction to Microsoft Outlook ...	1
CBTE 170 Desktop Publishing.....	2
CBTE 200 Office Telecommunications	2
BUSE 119 Business Communications.....	3
CISC 130 Introduction to Local Area Networks	1

Total Units= 23-25

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivation at City College:

**Certificate of Performance
Teacher Training**

Courses Required for the Major:	Units
COSM 091A-Cosmetology Teacher Training	
Program I.....	6
COSM 091B-Cosmetology Teacher Training	
Program II.....	6

Total Units = 12

ACTION

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

Certificate of Achievement
Diesel Equipment Repair
Technology
Heavy Duty Diesel and Advanced
Transportation Technology
(HDDAT) (Evening Program)

Courses Required for the Major:	Units
DIES 100 Introduction to Diesel Technology	2
DIES 105 Measuring Tools and Applied Mathematics.....	2
<u>DIES 131 Alternative-Fueled Engine Overhaul .</u>	<u>4</u>
DIES 135 Applied Failure Analysis	3
DIES 137 Diesel Fuel Injection System	2
DIES 138 Electrical Systems.....	3
DIES 144 Electronics for Diesel Technology.....	3
DIES 155 Air Brake Systems	3
DIES 160 Heavy Duty Manual Transmissions...	3
DIES 170 Truck Drive Axles and Specifications.....	3

Select two courses from:	Units
Select one course from:	Units
DIES 125 Diesel Engines I or	
DIES 126 Diesel Engines II or	
DIES 128 Diesel Engines III	4

Select one course from:	Units
<u>DIES 160 Heavy Duty Manual Transmissions or</u>	
<u>DIES 165 Truck Automatic Transmissions.....</u>	<u>3</u>

Total Units = 32

ACTION

Adoption of a program revision at Mesa College.

Proposed program revisions at Mesa College:

**Certificate of Achievement
Interior Design**

The Interior Design Program recommends the following courses be taken in the given sequence for optimal student success:

Courses Required for the Major:	Units
INTE 101 Introduction to Interior Design	3
INTE 115 Elements and Principles of Interior Design	3
INTE 112A Visual Communication I.....	3
INTE 112B Visual Communication II.....	3
ARTF 152 Color Theory	3
INTE 145 Interior Building Systems and Codes	3
INTE 120 Revit for Interiors	3
INTE 105 Residential Design.....	3
INTE 210 Presentation and Color Rendering	3
INTE 110 Materials and Resources.....	3
INTE 125 History of Furniture and Interiors.....	3
INTE 205 Non-Residential Space Planning	3
INTE 200 Kitchen and Bath Design	3
INTE 215 Environmental Lighting Design	3
INTE 130 Interior Design Professional Practice	3

MARK 100 Principles of Marketing	3
<u>MULT 101 Introduction to Multimedia</u>	<u>4</u>

¹Three to four units of INTE 270 (Work Experience) is recommended for all students. It is mandatory for students to complete INTE 270 with a qualified kitchen or bath designer to receive National Kitchen and Bath Association (NKBA) recognition.

Total Units = ~~47-50~~ 46-50

Choose one course from the following

list:	Units
INTE 270 ¹ Work Experience.....	1 - 4
BLDC 055 Construction Plan Reading.....	3
BLDC 070 Building Codes and Zoning	3
BUSE 140 Business Law and the Legal Environment.....	3
BUSE 155 Managing the Small Business	3
COMS 103 Oral Communication	3
ARCH 105 Introduction to AutoCAD.....	2
ARCH 101 Introduction to ArchiCAD.....	3
ARCH 230 Sustainability in the Built Environment.....	5
FASH 168 Textiles.....	3

**Associate of Science Degree
Interior Design**

The Interior Design Program recommends the following courses be taken in the given sequence for optimal student success:

Courses Required for the Major:	Units
INTE 101 Introduction to Interior Design	3
INTE 115 Elements and Principles of Interior Design	3
INTE 112A Visual Communication I.....	3
INTE 112B Visual Communication II.....	3
ARTF 152 Color Theory	3
INTE 145 Interior Building Systems and Codes	3
INTE 120 Revit for Interiors	3
INTE 105 Residential Design.....	3
INTE 210 Presentation and Color Rendering	3
INTE 110 Materials and Resources.....	3
INTE 125 History of Furniture and Interiors.....	3
INTE 205 Non-Residential Space Planning	3
INTE 200 Kitchen and Bath Design	3
INTE 215 Environmental Lighting Design	3
INTE 130 Interior Design Professional Practice	3

MULT 101 Introduction to Multimedia 4

¹Three to four units of INTE 270 (Work Experience) is recommended for all students. It is mandatory for students to complete INTE 270 with a qualified kitchen or bath designer to receive National Kitchen and Bath Association (NKBA) recognition.

Total Units = 60

Choose 15 units from the following

list:	Units
INTE 270 ¹ Work Experience.....	1 - 4
BLDC 055 Construction Plan Reading.....	3
BLDC 070 Building Codes and Zoning	3
BUSE 140 Business Law and the Legal Environment.....	3
BUSE 155 Managing the Small Business	3
COMS 103 Oral Communication	3
ARCH 105 Introduction to AutoCAD	2
ARCH 101 Introduction to ArchiCAD.....	3
ARCH 230 Sustainability in the Built Environment.....	5
FASH 168 Textiles	3
MARK 100 Principles of Marketing	3

ACTION

Adoption of a program deactivation at Mesa College.

Proposed program deactivation at Mesa College:

**Associate of Arts Degree
Liberal Arts and Sciences with an
Emphasis in Language Arts and
Humanities Studies-
Communications and Journalism**

Courses Required for the Major:	Units
COMS 160 Argumentation.....	3
JOUR 202 Introduction to Mass Communication.....	3

Select a minimum of 12 units:	Units
ECON 120 Principles of Macroeconomics.....	3
JOUR 200 Introduction to Newswriting and Reporting.....	3
POLI 101 Introduction to Political Science.....	3
POLI 102 The American Political System.....	3
COMS 104 Advanced Public Communication....	3

Total Units = 18

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivation at City College:

**Associate of Science Degree
Mechanical Design Technology**

Courses Required for the Major:	Units
MATH 098 .Technical Intermediate Algebra and Geometry or	
MATH 096 Intermediate Algebra and Geometry and	
MATH 104 Trigonometry	7-8
ENGN 110 Science for Technical Applications ..	4
ENGE 108 Dimensioning and Tolerancing	3
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach	4
MACT 160M Introduction to CAD/CAM	4
ENGE 151 Engineering Drawing	2
ENGE 152 Engineering Design	3
TEHW 101 Introduction to Technical Writing ..	3
ENGN 220 Component Design	3
MFET 115 Properties of Materials	3
MFET 120 Manufacturing Processes	4
ENGN 200 Applied Mechanics	3
ENGN 225 Product Development	3

Total Units = 43-47

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Certificate of Performance
Peace Studies**

Courses Required for the Major:	Units
PEAC 101 Introduction to Peace Studies	3
BIOL 101 Issues in Environmental Biolog	4
ANTH 103 Introduction to Cultural Anthropology	3
PHIL 102B Introduction To Philosophy: Values	3
ENGL 101 Reading and Composition or ENGL 105 Composition and Literature	3
PEAC 250 Field Experience In Peace Studies.....	1

*This is an award in recognition of information on
the transcript and does not imply that a
graduation requirement has been met.*

Total Units =~~17~~ 16

ACTION

Adoption of a new program at Mesa College.

Proposed new program at Mesa College:

**Associate in Science in Geology for
Transfer Degree**

Course Required for the Major:	Units
GEOL 100 Physical Geology	3
GEOL 101 Physical Geology Laboratory.....	1
GEOL 111 The Earth Through Time.....	4
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
MATH 150 Calculus with Analytic Geometry I.....	5
MATH 151 Calculus with Analytic Geometry II.....	4

Total Units = 27

ACTION

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

**Associate of Science Degree
Earth Science Studies**

Courses Required for the Major:	Units
CHEM 200 General Chemistry I - Lecture.....	3
CHEM 200L General Chemistry I - Laboratory.	2
<u>GEOL 100 Physical Geology</u>	<u>3</u>
<u>GEOL 101 Physical Geology Laboratory.....</u>	<u>1</u>
PHYS 125 General Physics or	
PHYS 180A General Physics I and	
PHYS 181A General Physics Laboratory I or	
PHYS 195 Mechanics.....	5

Select at least 8 4 units from the following:

	Units
ASTR 101 Descriptive Astronomy.....	3
ASTR 111 Astronomy Laboratory	1
BIOL 107 General Biology-Lecture and Laboratory.....	4
BIOL 210A Introduction to the Biological Sciences I.....	4
BIOL 210B Introduction to the Biological Sciences II.....	4
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
CISC 186 Visual Basic Programming	4
CISC 190 Java Programming	4
CISC 189A Introduction to Programming I	4
CISC 189B Introduction to Programming II	4
COMS 103 Oral Communication	3
ECON 121 Principles of Microeconomics	3
GEOG 101 Physical Geography.....	3
GEOG 101L Physical Geography Laboratory....	1
GEOG 102 Cultural Geography	3
<u>GEOL 100 Physical Geology</u>	<u>3</u>
<u>GEOL 101 Physical Geology Laboratory.....</u>	<u>1</u>
GEOL 104 Earth Science	3
MATH 116 College and Matrix Algebra.....	3

MATH 119 Elementary Statistics	3
MATH 121 Basic Techniques of Applied Calculus I.....	3
MATH 122 Basic Techniques of Calculus II.....	3
MATH 141 Precalculus.....	5
MATH 150 Calculus with Analytic Geometry I	5
MATH 151 Calculus with Analytic Geometry II.....	4
PHYN 100 Survey of Physical Science.....	3
PHYN 101 Survey of Physical Science Laboratory.....	1
PHYN 120 Physical Oceanography	3
PHYS 126 General Physics II	5
PHYS 180B General Physics II.....	4
PHYS 181B General Physics Laboratory II	1
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 revision at Miramar College.

Proposed program revision at Miramar College:

Associate of Arts Degree
Psychology
Associate in Arts in Psychology for
Transfer Degree

Courses Required for the Major:	Units
PSYC 101 General Psychology.....	3
PSYC 255 Introduction to Psychological Research.....	3
PSYC 258 Behavioral Science Statistics or	
MATH 119 Elementary Statistics.....	3

Select at least 12 units from the following: _____ **Units**

ASTR 101 Descriptive Astronomy.....	3
BIOL 107 General Biology Lecture and Laboratory.....	4
BIOL 130 Human Heredity.....	3
BIOL 210A Introduction to the Biological Sciences I.....	4
BIOL 210B Introduction to the Biological Sciences II.....	4
BIOL 230 Human Anatomy.....	4
CHEM 100 Fundamentals of Chemistry.....	3
CHEM 100L Fundamentals of Chemistry Laboratory.....	1
CHEM 130 Introduction to Organic and Biological Chemistry.....	3
CHEM 130L Introduction to Organic and Biological Chemistry Laboratory.....	1
CHEM 152 Introduction to General Chemistry..	3
CHEM 152L Introduction to General Chemistry Laboratory.....	1
CISC 190 Java Programming.....	4
CISC 192 C/C++ Programming.....	4
ECON 120 Principles of Macroeconomics.....	3
MATH 121 Basic Techniques of Applied Calculus I.....	3
MATH 122 Basic Techniques of Calculus II.....	3
MATH 141 Precalculus.....	5

MATH 150 Calculus with Analytic Geometry I	5
MATH 151 Calculus with Analytic Geometry II.....	4
MATH 252 Calculus with Analytic Geometry III.....	4
PHIL 100 Logic and Critical Thinking.....	3
PHIL 101 Symbolic Logic.....	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 123 Adolescent Psychology.....	3
PSYC 133 Psychology of Women.....	3
PSYC 135 Marriage and Family Relations.....	3
PSYC 137 Human Sexual Behavior.....	3
PSYC 155 Introduction to Personality.....	3
PSYC 166 Introduction to Social Psychology....	3
PSYC 211 Learning.....	3
PSYC 230 Psychology of Lifespan Development.....	3
PSYC 245 Abnormal Psychology.....	3
PSYC 260 Introduction to Physiological Psychology.....	3
SOCO 101 Principles of Sociology.....	3

Select 3-4 units from the following courses: _____ **Units**

PSYC 260 Introduction to Physiological Psychology.....	3
BIOL 107 General Biology-Lecture and Laboratory.....	4

Select at least 3 units from the following courses (not already selected above):

Social and Behavioral Sciences

<u>ACCT 116A Financial Accounting</u>	4	<u>BIOL 210A Introduction to the Biological</u>	
<u>BIOL 107 General Biology-Lecture and</u>		<u>Sciences I</u>	4
<u>Laboratory</u>	4	<u>CHEM 100 Fundamentals of Chemistry and</u>	
<u>BIOL 210A Introduction to the Biological</u>		<u>CHEM 100L Fundamentals of Chemistry</u>	
<u>Sciences I</u>	4	<u>Laboratory</u>	4
<u>CHEM 100 Fundamentals of Chemistry and</u>		<u>CHEM 130 Introduction to Organic and</u>	
<u>CHEM 100L Fundamentals of Chemistry</u>		<u>Biological Chemistry and</u>	
<u>Laboratory</u>	4	<u>CHEM 130L Introduction to Organic and</u>	
<u>CHEM 130 Introduction to Organic and</u>		<u>Biological Chemistry Laboratory</u>	4
<u>Biological Chemistry and</u>		<u>ECON 120 Principles of Macroeconomics</u>	3
<u>CHEM 130L Introduction to Organic and</u>		<u>ECON 121 Principles of Microeconomics</u>	3
<u>Biological Chemistry Laboratory</u>	4	<u>ENGL 101 Reading and Composition or</u>	
<u>ECON 120 Principles of Macroeconomics</u>	3	<u>ENGL 105 Composition and Literature</u>	3
<u>ECON 121 Principles of Microeconomics</u>	3	<u>ENGL 205 Critical Thinking and Intermediate</u>	
<u>ENGL 101 Reading and Composition or</u>		<u>Composition</u>	3
<u>ENGL 105 Composition and Literature</u>	3	<u>MATH 104 Trigonometry</u>	3
<u>ENGL 205 Critical Thinking and Intermediate</u>		<u>MATH 116 College and Matrix Algebra</u>	3
<u>Composition</u>	3	<u>MATH 121 Basic Techniques of Applied</u>	
<u>MATH 104 Trigonometry</u>	3	<u>Calculus I</u>	3
<u>MATH 116 College and Matrix Algebra</u>	3	<u>MATH 141 Precalculus</u>	5
<u>MATH 121 Basic Techniques of Applied</u>		<u>MATH 150 Calculus with Analytic Geometry</u>	
<u>Calculus I</u>	3	<u>I</u>	5
<u>MATH 141 Precalculus</u>	5	<u>MATH 151 Calculus with Analytic Geometry</u>	
<u>MATH 150 Calculus with Analytic Geometry</u>		<u>II</u>	4
<u>I</u>	5	<u>PHIL 100 Logic and Critical Thinking</u>	3
<u>MATH 151 Calculus with Analytic Geometry I</u>	4	<u>PHIL 205 Critical Thinking and Writing in</u>	
<u>PHIL 100 Logic and Critical Thinking</u>	3	<u>Philosophy</u>	3
<u>PHIL 205 Critical Thinking and Writing in</u>		<u>PHYS 125 General Physics</u>	5
<u>Philosophy</u>	3	<u>PHYS 126 General Physics II</u>	5
<u>PHYS 125 General Physics</u>	5	<u>PSYC 133 Psychology of Women</u>	3
<u>PHYS 126 General Physics II</u>	5	<u>PSYC 135 Marriage and Family Relations</u>	3
<u>PSYC 166 Introduction to Social Psychology</u>	3	<u>PSYC 137 Human Sexual Behavior</u>	3
<u>PSYC 201 Academic and Career Opportunities in</u>		<u>PSYC 166 Introduction to Social Psychology</u>	3
<u>Psychology</u>	1	<u>PSYC 201 Academic and Career Opportunities in</u>	
<u>PSYC 211 Learning</u>	3	<u>Psychology</u>	1
<u>PSYC 230 Psychology of Lifespan</u>		<u>PSYC 211 Learning</u>	3
<u>Development</u>	3	<u>PSYC 230 Psychology of Lifespan</u>	
<u>PSYC 260 Introduction to Physiological</u>		<u>Development</u>	3
<u>Psychology</u>	3	<u>PSYC 245 Abnormal Psychology</u>	3
<u>SOCO 101 Principles of Sociology</u>	3	<u>PSYC 260 Introduction to Physiological</u>	
<u>SOCO 110 Contemporary Social Problems</u>	3	<u>Psychology</u>	3

Select at least 3 units from the following courses (not already selected above):

Total Units = 18-23

<u>ACCT 116A Financial Accounting</u>	4
<u>BIOL 107 General Biology-Lecture and</u>	
<u>Laboratory</u>	4