

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:

Architecture

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

Aviation

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

Aviation

Adoption of three new courses at Miramar College. **(Attachment C1-C2)**

Digital Media

Adoption of a new course at Miramar College. **(Attachment D)**

Fire Protection Technology

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

Military Studies

Adoption of four course deactivations at Miramar College. **(Attachment F1-F2)**

Psychology

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

Anthropology

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

Behavioral Sciences

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

Otto W. K. Lee, Ed.D.  
Vice Chancellor  
Instructional Services

Computer and Information Sciences  
Adoption of a program deactivation at Mesa College. (**Attachment J**)

Geographic Information Systems  
Adoption of a program revision at Mesa College. (**Attachment K**)

Machine Technology  
Adoption of a program revision at City College. (**Attachment L1-L2**)

Military Studies  
Adoption of a program deactivation at Miramar College. (**Attachment M**)

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.

## Architecture

### ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation (not active at any college) at Mesa College:

**121 Architectural Practice and Economics**  
**48 - 54 hours lecture, 3 units**  
**Grade Only**

*Advisory:* English 48 with a grade of "C" or better, or equivalent or Assessment Skill Level R5.

This course presents material relating to the professional fields of architecture, landscape architecture, and construction management. Familiarization with the scope and nature, education, qualifications for registration and responsibilities of those who enter and advance in these professions. Study of the methods of professional architectural business practices as applied to the office structure, office management, and business economics. (FT)  
Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a course reactivation at Miramar College.

Proposed course reactivation at Miramar College:

**53 Aviation Career Skills**

**16 - 18 hours lecture, 1 units**

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

*Advisory:* Completion of or concurrent enrollment in Aviation Maintenance Technology 52 with a grade of "C" or better, or equivalent.

This course provides students with the foundational job preparation and work skills necessary for a successful career in aviation. Topics include aviation-related career planning, resume writing targeted to the aviation industry, aviation job search strategies, and interviewing skills. Students also develop personal work skills and learn appropriate communication and etiquette standards required for success in the aviation industry. (FT) Associate Degree Credit only and not Transferable.

ACTION

Adoption of three new courses at Miramar College.

Proposed new courses at Miramar College:

**101L Private Pilot Flight Lab**  
**48 - 54 hours lab, 1 units**  
**Letter Grade or Pass/No Pass Option**

*Advisory:* Completion of or concurrent enrollment in Aviation 101 with a grade of "C" or better, or equivalent.  
Designed for the beginning pilot, this lab provides a hands-on introduction to basic airplane operations, procedures, regulations, and techniques using a real airplane and flight simulator. This course may be taken four times for credit. Students who repeat this course will demonstrate increased skill, proficiency, speed, and accuracy in ground operations, flight maneuvers, airplane control, flight by reference to instruments, and communications. It is intended for students majoring in Aviation Operations or those pursuing a private pilot's license. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**225 Introduction to Commercial Airline Management**  
**48 - 54 hours lecture, 3 units**  
**Grade Only**

*Prerequisite:* Aviation 105 and Aviation 125 with a grade of "C" or better, or equivalent.  
*Advisory:* English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.  
This capstone course serves as an introduction to the field of commercial airline management. Topics include aviation manager career paths and responsibilities, current aviation industry trends and challenges, air carrier operations, Federal Aviation Regulations (FARs), airline economics, labor union relations, and international operations. This course is intended for students majoring in Aviation Operations or anyone interested in the commercial airline industry. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**278 Command, Leadership and Decision Making**

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

*Prerequisite:* Aviation 101 and Aviation 133, each with a grade of "C" or better, or equivalent.

*Corequisite:* Completion of or concurrent enrollment in Aviation 128 with a grade of "C" or better, or equivalent.

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

Changes in aviation regulations now require aviation professionals to receive leadership and command training as part of their professional development in order to become employed within the commercial industry. To address this requirement, this capstone course builds upon previous aviation program coursework; in particular, expanding students' understanding of the physiological, psychological, and group dynamics factors that can lead to team breakdown, leadership failures, poor decision making, and accidents. To better understand these pressures, students will work in small groups analyzing case studies of selected aircraft accidents and incidents and present their findings for large group discussion. This course is intended for students majoring in Aviation Operations or those seeking professional employment with the commercial airline industry. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a new course at Miramar College.

Proposed new course at Miramar College:

**181 Projects 01: Multi-modal productions**  
**24 - 27 hours lecture, 72 - 81 hours lab, 3 units**  
**Grade Only**

*Advisory:* English 48, English 49 and Math 34A, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5, W5 and M20. Art-Fine Art 150B, Digital Media 160A, Digital Media 160B, Digital Media 170A, Digital Media 170B and Art-Graphic Design 106, each with a grade of "C" or better, or equivalent. This course teaches students to design and execute systematic graphics projects based on research, according to a schedule, and guided by an approval process. Students use a full range of graphics techniques to communicate a shared vision to a certain audience for a determined result. The course emphasizes self discipline in time management and project coordination. This course is intended for students majoring in Graphics or anyone creating or managing graphics-intensive projects. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a new course at Miramar College.

Proposed new course at Miramar College:

**365 All Terrain Vehicle Operations -  
Lifeguards**

**4 - 6 hours lecture, 12 - 18 hours lab, 0.5 units  
Grade Only**

*Prerequisite:* Fire Protection Technology 160 with a grade of "C" or better, or equivalent. This course provides training in the operation and responsibilities of All Terrain Vehicles (ATVs) used in beach lifeguard operations. Topics include terminology, legal considerations, basic maintenance, riding operations, and pre- and post-operation inspections. This course is intended for practicing lifeguards. It may be repeated as necessary to meet a legally mandated training requirement as a condition of continued paid or volunteer employment. (FT) Not applicable to the Associate Degree.



## Military Studies

### ACTION

Adoption of four course deactivations at Miramar College.

Proposed course deactivations at Miramar College (not at any College):

**100 Introduction to Military Science**  
**48 - 54 hours lecture, 3 units**  
**Letter Grade or Pass/No Pass Option**

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

*Limitation on Enrollment:* This course is not open to students with previous credit for Military Studies 101.

This course introduces students to the structure, organization, and practices of the U.S. military. Students examine the Constitutional foundation, intergovernmental structure, and general organization of the military and its component service branches. Other topics include the military chain of command, rank structure, job categories and classification, customs and courtesies, military law, and ethics. This course is intended for anyone interested in the U.S. military or military service. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities. CSU General Education. IGETC. UC Transfer Course List.

**110 Leadership Theory and Practice**  
**48 - 54 hours lecture, 3 units**  
**Grade Only**

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

*Limitation on Enrollment:* This course is not open to students with previous credit for Administration of Justice 386.

This course provides an interdisciplinary foundation in the field of leadership theory and practice. Students study the foundational principles, definitions, and various models of leadership. Topics include the psychological, social, cultural, and physiological aspects of leadership such as traits, skills, styles, and processes; contingency, path-goal, and leader-member exchange theory; the mind-body relationship; and ethics. Students also develop a personal philosophy of leadership and its application to the workplace and everyday life. This course is designed for current or future leaders in public safety organizations, the armed forces, government, business, academia, and non-profit organizations. This course is cross-listed as Administration of Justice (ADJU) 386. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities. CSU General Education. UC Transfer Course List.

## Military Studies

### **120 Military Justice, Ethics, and the Law of Armed Conflict**

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

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

This course introduces students to the military justice system, ethics, and the laws pertaining to organized warfare. The course covers a broad overview of military law, including rules of evidence, legal procedure, criminal law, civil law, legal services, and the Law of Armed Conflict. Other topics include means of entry into the military, the rights of service members, ethical theory, and government standards of conduct. This course emphasizes the practical application of legal and ethical concepts to common types of decisions made by military leaders. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities. UC Transfer Course List.

Leadership degree or certificate program. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

### **270 Work Experience in Military Leadership** **60 - 300 hours other, 1-4 units Grade Only**

*Prerequisite:* Military Studies 100 or Military Studies 100 and Military Studies 110, each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* Must obtain an Add Code from Work Experience Coordinator for enrollment.

A program of applied learning experiences for students employed in a job or internship related to military leadership. One unit of credit is earned for each 75 hours of paid employment or 60 hours of volunteer work. This course may be taken four times for a maximum of 16 units.

However, the combined maximum credit for all Work Experience courses from all disciplines may not exceed 16 units. (FT) 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:

**130 Introduction to Community Psychology**  
**48 - 54 hours lecture, 3 units**  
**Grade Only**

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

This course is a study of community psychology. Emphasis is placed on the history and role of community psychology in the broader field of psychology. Students apply the key perspectives and fundamentals of the field to case studies and current issues in the community. This course is designed for psychology majors and students pursuing career paths in counseling, public mental health and human services. (FT)  
Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Associate in Arts Degree  
Anthropology**

<b>Courses Required for the Major:</b>	<b>Units</b>
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:**

<u>ANTH 104 Laboratory in Physical Anthropology .....</u>	<u>1</u>
<u>ANTH 115 Introduction to Archaeological Field Work.....</u>	<u>4</u>
<u>ANTH 120 Archaeological Artifact Analysis .....</u>	<u>3</u>
ANTH 200 Introduction to North American Indians .....	3
<u>ANTH 205 Introduction to Medical Anthropology.....</u>	<u>3</u>
ANTH 210 Introduction to California Indians .....	3
ANTH 215 Cultures of Latin America .....	3
<b>Total Units=</b>	<b>18</b>

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Certificate of Achievement  
Mental Health Work**

<b>Courses Required for the Major:</b>	<b>Units</b>
PSYC 101 General Psychology.....	3
PSYC 130 Introduction to Community Psychology .....	3
PSYC 161 Introduction to Counseling .....	3
PSYC 245 Abnormal Psychology .....	3
HUMS 095 Public Assistance and Benefits Program ...	1
HUMS 105 Family Support Model .....	3
PSYC 276 Field Work in Psychological Services.....	3
<b>Total Units =</b>	<b>19</b>

ACTION

Adoption of a program deactivation at Mesa College.

Proposed program deactivation at Mesa College:

**Certificate of Performance  
Microsoft Certified System Engineer**

<b>Courses Required for the Major:</b>	<b>Units</b>
<del>MSFT 051 Installing, Configuring, and Administering Windows 2000 Professional</del>	
<del>MSFT 052 Installing, Configuring, and Administering MSFT Windows 2000 Server</del>	
<del>MSFT 053 Implementing and Administering a MSFT 2000 Network Infrastructure</del>	
<del>MSFT 054 Implementing and Administering a MSFT Windows 2000 Directory Infrastructure</del>	
<del>MSFT 055 Designing a Microsoft Windows 2000 Directory Services Infrastructure</del>	
<del>MSFT 056 Designing a Microsoft Windows 2000 Network Structure</del>	
<del>MSFT 057 Designing Security for a Microsoft Windows 2000 Network</del>	
	<b>Total Units = 0</b>

## Geographic Information Systems

### ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

### **Associate in Science Degree Geographic Information Systems**

<b>Courses Required for the Major:</b>	<b>Units</b>
GISG 110 Introduction to Mapping and Geographic Information Systems.....	3
GISG 111 Geographic Information Systems and Cartography .....	3
GISG 112 Spatial Analysis with Geographic Information Systems.....	3
GISG 113 Advanced Geographic Information Systems Applications.....	3
GISG 114 Spatial Databases in Geographic Information Systems.....	3
<u>GISG 130 Introduction to Remote Sensing.....</u>	<u>3</u>
<u>GISG 121 Introduction to Digital Image Processing .....</u>	<u>3.5</u>
GISG 270 Geographic Information Systems Work Experience .....	1-4
 <b>Select four units in a programming language:</b>	
CISC 186 Visual Basic Programming.....	4
CISC 190 Java Programming .....	4
CISC 192 C/C++ Programming .....	4
 <b>Select five twelve units from:</b>	
ANTH 103 Introduction to Cultural Anthropology.....	3
ANTH 107 Introduction to Archaeology.....	3
ANTH 115Introduction to Archaeological Field Work.....	4
ARCH 100 Architectural Drafting .....	2
ARCH 101 Computer Aided Design and 3D Imaging ..	3
ARCH 105 Introduction to AutoCAD.....	2
ARCH 106 Advanced Computer Aided Drafting I .....	3
ARCH 155 Environmental Design I: Creating Exterior Spaces .....	5
ARCH 170 Architectural Design.....	4
ARCH 190 Environmental Design II: Urban and Community Design.....	5

ARCH 250 Site Engineering .....	4
BIOL 100 Natural History – Environmental Biology .....	4
CISC 186 Visual Basic Programming .....	4
CISC 190 Java Programming .....	4
CISC 192 C/C++ Programming .....	4
CBTE 140 Microsoft Excel .....	2
CBTE 140A Introduction to Microsoft Excel.....	1
CBTE 151 Introduction to Microsoft Access .....	1
CBTE 161 Learning the Internet .....	1
CBTE 162 Web Page Creation .....	2
CBTE 170 Desktop Publishing.....	2
GEOG 101 Physical Geography .....	3
GEOG 102 Cultural Geography .....	3
GEOG 104 World Regional Geography .....	3
GEOG 154 Introduction to Urban Geography....	3
GEOL 100 General Geology .....	3
MARK 100 Principles of Marketing .....	3
MARK 110 Principles of Retailing .....	3
MARK 130 Advertising Principles.....	3
PHYN 100 Survey of Physical Science .....	3
POLI 101 Introduction to Political Science.....	3
POLI 102The American Political System.....	3
POLI 103 Comparative Politics.....	3
REAL 101 Real Estate Principles.....	3
REAL 105 Legal Aspects of Real Estate I .....	3
REAL 125 Real Estate Economics .....	3

**Total Units= ~~29-32~~ 31.5 - 34.5**

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Certificate of Performance  
Computer Numerical Control (CNC)  
 Technology Option**

<b>Courses Required for the Major:</b>	<b>Units</b>
MACT 140 Machine Technology .....	4
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach .....	4
MACT 160M Introduction to CAD/CAM.....	4
<del>or MACT 160S Introduction to CAD/CAM .....</del>	<del>4</del>
<b>Total Units=</b>	<b>12-0</b>

**Certificate of Achievement  
Computer Numerical Control  
 (CNC) Technology Option**

<b>Courses Required for the Major:</b>	<b>Units</b>
MACT 140 Machine Technology .....	4
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach.....	4
MACT 170 Introduction to CNC Controlled Vertical Machining .....	4
MACT 171 Application of CNC Controlled Vertical and Electrical Discharge Machining (EDM) I .....	2
MACT 172 Application of CNC Controlled Vertical Machining and Electrical Discharge Machining (EDM) II.....	2

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

MACT 160M Introduction to CAD/CAM .....	4
<del>or MACT 160S Introduction to CAD/CAM .....</del>	<del>4</del>
<b>Total Units =</b>	<b>20</b>



**Certificate of Achievement  
Computer Aided Manufacturing (CAM)  
Option**

<b>Courses Required for the Major:</b>	<b>Units</b>
MACT 140 Machine Technology .....	4
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach .....	4
MACT 170 Introduction to CNC Controlled Vertical Machining.....	4
MACT 171 Application of CNC Controlled Vertical and Electrical Discharge Machining (EDM) I.....	2
MACT 172 Application of CNC Controlled Vertical Machining and Electrical Discharge Machining (EDM) II.....	2

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

MACT 161M Applications of CAD/CAM I .....	2
<del>or MACT 161S Applications of CAD/CAM I.....</del>	<del>2</del>
MACT 162M Applications of CAD/CAM II.....	2
<del>or MACT 162S Applications of CAD/CAM II.....</del>	<del>2</del>
MACT 180M Advanced CAD/CAM .....	4
<del>or MACT 180S Advanced CAD/CAM.....</del>	<del>4</del>
MACT 181M Application in Advanced CAD/CAM I .....	2
<del>or MACT 181S Application in Advanced CAD/CAM I.....</del>	<del>2</del>
MACT 182M Application in Advanced CAD/CAM II.....	2
<del>or MACT 182S Advanced CAD/CAM II.....</del>	<del>2</del>

**and the following C.N.C. Technology Option  
certificate of achievement course:**

MACT 160M Introduction to CAD/CAM .....	4
<del>or MACT 160S Introduction to CAD/CAM.....</del>	<del>4</del>

**Total Units=32**

**Associate in Science Degree  
Computer Aided Manufacturing  
(CAM) Option**

<b>Courses Required for the Major:</b>	<b>Units</b>
MACT 140 Machine Technology .....	4
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach.....	4
MACT 170 Introduction to CNC Controlled Vertical Machining .....	4
MACT 171 Application of CNC Controlled Vertical and Electrical Discharge Machining (EDM) I.....	2
MACT 172 Application of CNC Controlled Vertical Machining and Electrical Discharge Machining (EDM) II.....	2

**Complete the following additional Computer  
Aided Manufacturing Option certificate of  
achievement courses:**

MACT 161M Applications of CAD/CAM I .....	2
<del>or MACT 161S Applications of CAD/CAM I.....</del>	<del>2</del>
MACT 162M Applications of CAD/CAM II .....	2
<del>or MACT 162S Applications of CAD/CAM II.....</del>	<del>2</del>
MACT 180M Advanced CAD/CAM .....	4
<del>or MACT 180S Advanced CAD/CAM.....</del>	<del>4</del>
MACT 181M Application in Advanced CAD/CAM I .....	2
<del>or MACT 181S Application in Advanced CAD/CAM I.....</del>	<del>2</del>
MACT 182M Application in Advanced CAD/CAM II.....	2
<del>or MACT 182S Advanced CAD/CAM II.....</del>	<del>2</del>

**and the following C.N.C. Technology Option  
certificate of achievement course:**

MACT 160M Introduction to CAD/CAM .....	4
<del>or MACT 160S Introduction to CAD/CAM.....</del>	<del>4</del>

**Total Units= 32**

Military Studies

ACTION

Adoption of a program deactivation at Miramar College.

Proposed program deactivation at Miramar College:

**Certificate of Achievement  
Military Leadership**

<b>Courses Required for the Major:</b>	<b>Units</b>
<del>MILS 100 Introduction to Military Science <b>or</b></del>	
MILS 100 Introduction to Military Science .....	3
<del>MILS 110 Leadership Theory and Practice.....</del>	<del>3</del>
MILS 270 Work Experience in Military	
—Leadership .....	3
<del>ENGL101 Reading and Composition <b>or</b></del>	
<del>BUSE119 Business Communications .....</del>	<del>3</del>
<del>POLI 102The American Political System .....</del>	<del>3</del>

**Select three units from the following**

AVIA 128 Group Dynamics for High Risk Teams .....	3
AVIA 228 Group Dynamics II .....	3
BUSE 201 Business Organization and Management .....	3
MILS 120 Military Justice, Ethics, and the Law of	
Armed Conflict .....	3
SUPR 101 Introduction to Supervision .....	3
SUPR 115 Management and Organization for	
Supervisors .....	3
<b><del>Total Units =18 -19</del></b>	

**Associate in Science Degree  
Military Leadership**

<b>Courses Required for the Major:</b>	<b>Units</b>
<del>MILS 100 Introduction to Military Science <b>or</b></del>	
—MILS 100 Introduction to Military Science .....	3
MILS 110 Leadership Theory and Practice.....	3
MILS 270 Work Experience in Military	
—Leadership .....	3
ENGL 101 Reading and Composition <b>or</b>	
BUSE 119 Business Communications .....	3
POLI 102The American Political System .....	3

**Select three units from the following**

AVIA 128 Group Dynamics for High Risk	
—Teams .....	3
AVIA 228 Group Dynamics II .....	3
BUSE 201 Business Organization and	
Management .....	3
MILS 120 Military Justice, Ethics, and the Law of	
Armed Conflict .....	3
SUPR 101 Introduction to Supervision .....	3
SUPR 115 Management and Organization for	
Supervisors .....	3

**Total Units =18 -19**