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 Mesa College. **(Attachment A)**

          Aviation Maintenance Technology
          Adoption of two course deactivations at Miramar College. **(Attachment B)**

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

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

          Fire Protection Technology
          Adoption of a course reactivation at Miramar College. **(Attachment E)**

          Labor Studies
          Adoption of a new course at City College. **(Attachment F)**

          Legal Assistant
          Adoption of a new course at Miramar College. **(Attachment G)**

          Military Studies
          Adoption of four course reactivations at Miramar College. **(Attachment H)**

          Aeronautical and Aviation Technology
          Adoption of a program revision at Miramar College. **(Attachment I)**

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

B.   <u>STATEMENT OF ISSUE/PURPOSE</u> (Continued)

  1.   Background and Purpose: (Continued)

       Behavioral Sciences
       Adoption of a new program at City College. **(Attachment J)**

       Computer Information Systems
       Adoption of a new program at City College. **(Attachment K)**

       Consumer and Nutrition Studies
       Adoption of a program revision at Mesa College. **(Attachment L)**

       Consumer and Nutrition Studies
       Adoption of a program deactivation at Mesa College. **(Attachment M)**

       Legal Assistant
       Adoption of a program revision at Miramar College **(Attachment N)**

       Military Studies
       Adoption of a program reactivation at Miramar College. **(Attachment O)**

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

  2.   Cost and Funding

       There is no additional cost to the District

C.   <u>PROPOSAL</u>

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

<u>ACTION</u>

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College:

281 Issues in Visual Art (Lab)
48 - 108 hours lab, 1-2 units
Letter Grade or Pass/No Pass Option

The presentation of selected topics in the visual arts that are of student interest and/or importance in art. Specific areas for investigation will be announced in the class schedule for each semester. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of two course deactivations at Miramar College.

Proposed course deactivations at Miramar College:

100 General Aviation Technology Theory
192 - 216 hours lecture, 12 units
Grade Only

Advisory: English 42 and Mathematics 34A, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and M20.
Limitation on Enrollment: This course is not open to students with previous credit for Aviation Maintenance Technology 101A, 101B, 101C or 101D.
This course taken in conjunction with AVIM 100S is the recommended first semester course load for students who want a Mechanic's Certificate with Airframe and Powerplant ratings. Students learn about the atmosphere, aerodynamic theory, aircraft structures, and flight controls. The course also introduces students to Federal Aviation Regulations, maintenance forms and publications, weight and balance procedures, aircraft fuel and instrument systems, fluid lines and fittings, corrosion control, aircraft hardware identification, materials and processes, non-destructive testing, and precision measuring devices. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

100S General Aviation Maintenance Technology Practices
192 - 216 hours lab, 4 units
Grade Only

Corequisite: Completion of or concurrent enrollment in Aviation Maintenance Technology 100 with a grade of "C" or better, or equivalent.
Advisory: English 42 and Mathematics 34A, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and M20.
Limitation on Enrollment: This course is not open to students with previous credit for Aviation Maintenance Technology 50, 100L, 102A, 102B, 102C, 102D or 102E.
This course provides practical training in the use of basic hand and power tools, safety wiring techniques, identification and sharpening of twist drills, proper torque methods, Federal Aviation Administration (FAA) forms and publications, performance of aircraft weight and balance, aircraft fuel and instrument systems, materials and processes, aircraft hardware, corrosion control, drafting and blueprint reading, applied mathematics, and applied physics. The content of this course meets the minimum requirements of Federal Aviation Regulation (FAR) Part 147; Appendix B; Subjects B, C, D, E, F, G, H, I, J, K, and L. FAR Part 147, Appendix C, Section II, Subjects D and F. (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:

133 Wide Area Networking
24 - 27 hours lecture, 1.5 units
Letter Grade or Pass/No Pass Option

Limitation on Enrollment: This course is not open to students with previous credit for Computer and Information Sciences 265. This class will introduce the students to Wide Area Networks and the associated standards and protocols. The topics will include service providers, IEEE & CCITT Standards, network topologies, network protocols, hardware/software installation/diagnostics, network management, and local area to wide area network implementations. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of two new courses at City College.

Proposed new courses at City College:

277C Service Learning -- Community
48 - 162 hours other, 1-3 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. *Limitation on Enrollment:* Must obtain an Add Code from the instructor for enrollment. 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.

277D Service Learning -- on Campus
48 - 162 hours other, 1-3 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. *Limitation on Enrollment:* Must obtain an Add Code from the instructor for enrollment. 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 college classes, education projects for college students, mentoring and shadowing. 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 277D discipline courses may not exceed three units. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

<u>ACTION</u>

Adoption of a course reactivation at Miramar College.

Proposed course reactivation at Miramar College:

364 Marine Firefighting
  8 - 9 hours lecture, 24 - 39 hours lab, 1 units
                        Grade Only

Prerequisite: Fire Protection Technology 160 with a grade of "C" or better, or equivalent.
Limitation on Enrollment: Health and Safety. Must be sponsored by a regional lifeguard agency.
This California Department of Boating and Waterways course provides students with firsthand knowledge of the hazards of marine fire fighting. Students experience the actual conditions of fighting boat fires under controlled conditions. This course is intended for practicing ocean lifeguards. It may be repeated as necessary to meet a legally mandated training requirement as a condition of continued or volunteer employment. (FT) Associate Degree Credit only and not Transferable.

<u>ACTION</u>

Adoption of a new course at City College.

Proposed new course at City College:

90 Organizing
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.
This course is a practical study of organizing skills. Emphasis is placed on labor and community activism and leadership, organizing techniques and building a culture and capacity for labor and community organizing through analyses of successful campaigns. This course is designed for labor studies majors, union members and all members of the community interested in organizing. (FT) Associate Degree Credit only and not Transferable.

<u>ACTION</u>

Adoption of a new course at Miramar College.

Proposed new course at Miramar College:

106 Computer Assisted Legal Research (CALR)

48 - 54 hours lab, 1 units
Grade Only

Prerequisite: Legal Assistant 105 with a grade of "C" or better, or equivalent.
This course is a specialty elective in the Paralegal program that provides students with hands-on experience in performing legal research using the computer. Students learn to identify research issues and find legal references and information using the Internet, Loislaw, Lexis/Nexis, and other sources. This course is intended for students majoring in Paralegal or those interested in legal research. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of four course reactivations at Miramar College.

Proposed course reactivations at Miramar 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.

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 program revision at Miramar College.

Proposed program revisions at Miramar College:

Certificate of Achievement
Aviation General Studies

Courses Required for the Major:	Units
~~AVIM 100 General Aviation Technology Theory~~	~~12~~
~~and AVIM 100S General Aviation Maintenance Technology Practices~~	~~4~~
~~or~~ AVIM 101G General Aviation Technology Theory I	6
~~and~~ AVIM 101H General Aviation Technology Theory II	6
~~and~~ AVIM 102G General Aviation Maintenance Technology Practices I	2
~~and~~ AVIM 102H General Aviation Maintenance Technology Practices II	2

~~Select 2 or more units from the following:~~

General Curriculum:	Units
AVIM 109D Aircraft Fire Protection and Digital Logic	1
AVIM 120 Basic D.C. Electronics Theory	3
AVIM 121A Applied Basic D.C. Electronics	1.5

Airframe Curriculum:	Units
AVIM 103A Aircraft Wood, Fabric, Finishing and Composite Structures	3
AVIM 104A Applied Aircraft Wood, Fabric, Finishing and Composite Structures	1.5
AVIM 103B Aircraft Welding and Sheetmetal Structures	3
AVIM 104B Applied Aircraft Welding and Sheetmetal Structures	1.5
AVIM 103C Aircraft Hydraulic Systems	3
AVIM 104C Applied Aircraft Hydraulic Systems	1
AVIM 103D Aircraft Landing Gear Systems	3
AVIM 104D Applied Aircraft Landing Gear Systems	1

	Units
AVIM 105A Aircraft Cabin Atmosphere Control	1.5
AVIM 106A Aircraft Cabin Atmosphere Control	.5
AVIM 105B Aircraft Assembly, Rigging and Inspection	1.5
AVIM 106B Applied Aircraft Assembly, Rigging and Inspection	1
AVIM 109A Airframe Electrical Systems	3
AVIM 110A Airframe Electrical Systems Laboratory	1

Powerplant Curriculum:	Units
AVIM 107B Turbine Engines	3
AVIM 108B Turbine Engines Laboratory	1
AVIM 109B Powerplant Ignition Systems	2
AVIM 110B Applied Powerplant Ignition Systems	.5
AVIM 109C Powerplant Electrical Systems	3
AVIM 110C Powerplant Electrical Systems Laboratory	.5
AVIM 111C Reciprocating Engines I	3
AVIM 112C Applied Reciprocating Engines I	2
AVIM 111D Reciprocating Engines II	3
AVIM 112D Applied Reciprocating Engines II	1
AVIM 241 Aircraft Propeller Systems Lecture	3
AVIM 242 Aircraft Propeller Systems Laboratory	1
AVIM 249 Induction and Fuel Metering	3
AVIM 250 Applied Induction and Fuel Metering	1
AVIM 253 Lubrication, Cooling, and Exhaust	3
AVIM 254 Applied Lubrication, Cooling, and Exhaust	1
Total Units=18	

Associate in Arts Degree
Aviation General Studies

Select one of the following two options to satisfy degree major requirements

Courses Required for the Major:	Units
~~AVIM 100 General Aviation Technology Theory~~	~~12~~
~~and AVIM 100S General Aviation Maintenance Technology Practices~~	~~4~~
~~or~~ AVIM 101G General Aviation Technology Theory I	6
~~and~~ AVIM 101H General Aviation Technology Theory II	6
~~and~~ AVIM 102G General Aviation Maintenance Technology Practices I	2
~~and~~ AVIM 102H General Aviation Maintenance Technology Practices II	2
~~AVIA 044 Supervised Tutoring in Aviation~~	~~0~~

Select 2 or more units from the following:

General Curriculum:	Units
AVIM 109D Aircraft Fire Protection and Digital Logic	1
AVIM 120 Basic D.C. Electronics Theory	3
AVIM 121A Applied Basic D.C. Electronics	1.5

Airframe Curriculum:	Units
AVIM 103A Aircraft Wood, Fabric, Finishing and Composite Structures	3
AVIM 104A Applied Aircraft Wood, Fabric, Finishing and Composite Structures	1.5
AVIM 103B Aircraft Welding and Sheetmetal Structures	3
AVIM 103C Aircraft Hydraulic Systems	3
AVIM 104B Applied Aircraft Welding and Sheetmetal Structures	1.5
AVIM 104C Applied Aircraft Hydraulic Systems	1
AVIM 103D Aircraft Landing Gear Systems	3
AVIM 104D Applied Aircraft Landing Gear Systems	1
AVIM 105A Aircraft Cabin Atmosphere Control	1.5

	Units
AVIM 106A Aircraft Cabin Atmosphere Control	0.5
AVIM 105B Aircraft Assembly, Rigging and Inspection	1.5
AVIM 106B Applied Aircraft Assembly, Rigging and Inspection	1
AVIM 109A Airframe Electrical Systems	3
AVIM 110A Airframe Electrical Systems Laboratory	1

Powerplant Curriculum:	Units
AVIM 107B Turbine Engines	3
AVIM 108B Turbine Engines Laboratory	1
AVIM 109B Powerplant Ignition Systems	2
AVIM 110B Applied Powerplant Ignition Systems	0.5
AVIM 109C Powerplant Electrical Systems	3
AVIM 110C Powerplant Electrical Systems Laboratory	0.5
AVIM 111C Reciprocating Engines I	3
AVIM 112C Applied Reciprocating Engines I	2
AVIM 111D Reciprocating Engines II	3
AVIM 112D Applied Reciprocating Engines II	1
AVIM 241 Aircraft Propeller Systems Lecture	3
AVIM 242 Aircraft Propeller Systems Laboratory	1
AVIM 249 Induction and Fuel Metering	3
AVIM 250 Applied Induction and Fuel Metering	1
AVIM 253 Lubrication, Cooling, and Exhaust	3
AVIM 254 Applied Lubrication, Cooling, and Exhaust	1

Total Units=18

Certificate of Achievement
Aviation Maintenance Technology-Airframe

Courses Required for the Major:

General Curriculum: **Units**

~~AVIM 100 General Aviation Technology Theory~~..12

~~and AVIM 100S General Aviation Maintenance Technology Practices~~.......................................4

~~or~~ AVIM 101G General Aviation Technology Theory I 6

~~and~~ AVIM 101H General Aviation Technology Theory II 6

~~and~~ AVIM 102G General Aviation Maintenance Technology Practices I......................................2

~~and~~ AVIM 102H General Aviation Maintenance Technology Practices II 2

AVIM 109D Aircraft Fire Protection and Digital Logic 1

AVIM 120 Basic D.C. Electronics Theory...........3

AVIM 121A Applied Basic D.C. Electronics 1.5

Airframe Curriculum: **Units**

AVIM 103A Aircraft Wood, Fabric, Finishing and Composite Structures 3

AVIM 104A Applied Aircraft Wood, Fabric, Finishing and Composite Structures 1.5

AVIM 103B Aircraft Welding and Sheetmetal Structures 3

AVIM 104B Applied Aircraft Welding and Sheetmetal Structures......................................1.5

AVIM 103C Aircraft Hydraulic Systems 3

AVIM 104C Applied Aircraft Hydraulic Systems 1

AVIM 103D Aircraft Landing Gear Systems.......3

AVIM 104D Applied Aircraft Landing Gear Systems 1

AVIM 105A Aircraft Cabin Atmosphere Control 1.5

AVIM 106A Aircraft Cabin Atmosphere Control 0.5

AVIM 105B Aircraft Assembly, Rigging and Inspection..1.5

AVIM 106B Applied Aircraft Assembly, Rigging and Inspection 1

AVIM 109A Airframe Electrical Systems 3

AVIM 110A Airframe Electrical Systems Laboratory...1

                        Total Units = 47

Associate in Science Degree
Aviation Maintenance Technology-Airframe

Courses Required for the Major:

General Curriculum: **Units**

~~AVIM 100 General Aviation Technology Theory~~ 12

~~and AVIM 100S General Aviation Maintenance Technology Practices~~ 4

~~or~~ AVIM 101G General Aviation Technology Theory I...6

~~and~~ AVIM 101H General Aviation Technology Theory II 6

~~and~~ AVIM 102G General Aviation Maintenance Technology Practices I......................................2

~~and~~ AVIM 102H General Aviation Maintenance Technology Practices II 2

AVIM 109D Aircraft Fire Protection and Digital Logic 1

AVIM 120 Basic D.C. Electronics Theory...........3

AVIM 121A Applied Basic D.C. Electronics.......1.5

Airframe Curriculum: **Units**

AVIM 103A Aircraft Wood, Fabric, Finishing and Composite Structures 3

AVIM 104A Applied Aircraft Wood, Fabric, Finishing and Composite Structures 1.5

AVIM 103B Aircraft Welding and Sheetmetal Structures 3

AVIM 104B Applied Aircraft Welding and Sheetmetal Structures......................................1.5

AVIM 103C Aircraft Hydraulic Systems 3

AVIM 104C Applied Aircraft Hydraulic Systems 1

AVIM 103D Aircraft Landing Gear Systems.......3

AVIM 104D Applied Aircraft Landing Gear Systems 1

AVIM 105A Aircraft Cabin Atmosphere Control 1.5

AVIM 106A Aircraft Cabin Atmosphere Control 0.5

AVIM 105B Aircraft Assembly, Rigging and Inspection..1.5

AVIM 106B Applied Aircraft Assembly, Rigging and Inspection 1

AVIM 109A Airframe Electrical Systems............3

AVIM 110A Airframe Electrical Systems Laboratory...1

                        Total Units = 47

Certificate of Achievement
Aviation Maintenance Technology-Powerplant

Courses Required for the Major:
General Curriculum: **Units**
AVIM 100 General Aviation Technology
~~Theory~~..12
~~and~~ AVIM 100S General Aviation Maintenance
~~Technology Practice~~..4
~~or~~ AVIM 101G General Aviation Technology
Theory I 6
~~and~~ AVIM 101H General Aviation Technology
Theory II 6
~~and~~ AVIM 102G General Aviation Maintenance
Technology Practices I......................................2
~~and~~ AVIM 102H General Aviation Maintenance
Technology Practices II 2
AVIM 109D Aircraft Fire Protection and Digital
Logic 1
AVIM 120 Basic D.C. Electronics Theory...........3
AVIM 121A Applied Basic D.C. Electronics 1.5

Powerplant Curriculum: **Units**
AVIM 107B Turbine Engines 3
AVIM 108B Turbine Engines Laboratory............1
AVIM 109B Powerplant Ignition Systems...........2
AVIM 110B Applied Powerplant Ignition
Systems 0.5
AVIM 109C Powerplant Electrical Systems 3
AVIM 110C Powerplant Electrical Systems
Laboratory...0.5
AVIM 111C Reciprocating Engines I 3
AVIM 112C Applied Reciprocating Engines I 2
AVIM 111D Reciprocating Engines II.................3
AVIM 112D Applied Reciprocating
Engines II..1
AVIM 241 Aircraft Propeller Systems Lecture....3
AVIM 242 Aircraft Propeller Systems
Laboratory..1
AVIM 249 Induction and Fuel Metering..............3
AVIM 250 Applied Induction and Fuel
Metering...1
AVIM 253 Lubrication, Cooling, and Exhaust 3
AVIM 254 Applied Lubrication, Cooling, and
Exhaust 1
Total Units = 52.5

Associate in Science Degree
Aviation Maintenance Technology-Powerplant

Courses Required for the Major:
General Curriculum: **Units**
AVIM 100 General Aviation Technology
~~Theory~~..12
~~and~~ AVIM 100S General Aviation Maintenance
~~Technology Practices~~......................................4
~~or~~ AVIM 101G General Aviation Technology
Theory I..6
~~and~~ AVIM 101H General Aviation Technology
Theory II 6
~~and~~ AVIM 102G General Aviation Maintenance
Technology Practices I......................................2
~~and~~ AVIM 102H General Aviation Maintenance
Technology Practices II 2
AVIM 109D Aircraft Fire Protection and Digital
Logic 1
AVIM 120 Basic D.C. Electronics Theory.........3
AVIM 121A Applied Basic D.C. Electronics.....1.5

Powerplant Curriculum: **Units**
AVIM 107B Turbine Engines 3
AVIM 108B Turbine Engines Laboratory............1
AVIM 109B Powerplant Ignition Systems...........2
AVIM 110B Applied Powerplant Ignition
Systems 0.5
AVIM 109C Powerplant Electrical Systems 3
AVIM 110C Powerplant Electrical Systems
Laboratory 0.5
AVIM 111C Reciprocating Engines I 3
AVIM 112C Applied Reciprocating Engines I.....2
AVIM 111D Reciprocating Engines II.................3
AVIM 112D Applied Reciprocating
Engines II..1
AVIM 241 Aircraft Propeller Systems Lecture 3
AVIM 242 Aircraft Propeller Systems
Laboratory..1
AVIM 249 Induction and Fuel Metering..............3
AVIM 250 Applied Induction and Fuel
Metering...1
AVIM 253 Lubrication, Cooling, and Exhaust.....3
AVIM 254 Applied Lubrication, Cooling, and
Exhaust...1
Total Units= 52.5

Certificate of Achievement
Aviation Maintenance Technology-Airframe & Powerplant

Courses Required for the Major:

General Curriculum:	Units
~~AVIM 100 General Aviation Technology Theory~~	~~12~~
~~and AVIM 100S General Aviation Maintenance Technology Practices~~	~~4~~
~~or~~ AVIM 101G General Aviation Technology Theory I	6
~~and~~ AVIM 101H General Aviation Technology Theory II	6
~~and~~ AVIM 102G General Aviation Maintenance Technology Practices I	2
~~and~~ AVIM 102H General Aviation Maintenance Technology Practices II	2
AVIM 109D Aircraft Fire Protection and Digital Logic	1
AVIM 120 Basic D.C. Electronics Theory	3
AVIM 121A Applied Basic D.C. Electronics	1.5

Airframe Curriculum:	Units
AVIM 103A Aircraft Wood, Fabric, Finishing and Composite Structures	3
AVIM 104A Applied Aircraft Wood, Fabric, Finishing and Composite Structures	1.5
AVIM 103B Aircraft Welding and Sheetmetal Structures	3
AVIM 104B Applied Aircraft Welding and Sheetmetal Structures	1.5
AVIM 103C Aircraft Hydraulic Systems	3
AVIM 104C Applied Aircraft Hydraulic Systems	1
AVIM 103D Aircraft Landing Gear Systems	3
AVIM 104D Applied Aircraft Landing Gear Systems	1
AVIM 105A Aircraft Cabin Atmosphere Control	1.5
AVIM 106A Aircraft Cabin Atmosphere Control	0.5
AVIM 105B Aircraft Assembly, Rigging and Inspection	1.5
AVIM 106B Applied Aircraft Assembly, Rigging and Inspection	1
AVIM 109A Airframe Electrical Systems	3
AVIM 110A Airframe Electrical Systems Laboratory	1

Powerplant Curriculum:	Units
AVIM 107B Turbine Engines	3
AVIM 108B Turbine Engines Laboratory	1
AVIM 109B Powerplant Ignition Systems	2
AVIM 110B Applied Powerplant Ignition Systems	0.5
AVIM 109C Powerplant Electrical Systems	3
AVIM 110C Powerplant Electrical Systems Laboratory	0.5
AVIM 111C Reciprocating Engines I	3
AVIM 112C Applied Reciprocating Engines I	2
AVIM 111D Reciprocating Engines II	3
AVIM 112D Applied Reciprocating Engines II	1
AVIM 241 Aircraft Propeller Systems Lecture	3
AVIM 242 Aircraft Propeller Systems Laboratory	1
AVIM 249 Induction and Fuel Metering	3
AVIM 250 Applied Induction and Fuel Metering	1
AVIM 253 Lubrication, Cooling, and Exhaust	3
AVIM 254 Applied Lubrication, Cooling, and Exhaust	1

Total Units=78

Associate in Science Degree
Aviation Maintenance Technology-Airframe & Powerplant

Program Prerequisites Units
Courses Required for the Major
General Curriculum: **Units**
~~AVIM 100 General Aviation Technology Theory...12~~
~~and AVIM 100S General Aviation Maintenance Technology Practices...4~~
~~or~~ AVIM 101G General Aviation Technology Theory I 6
~~and~~ AVIM 101H General Aviation Technology Theory II 6
~~and~~ AVIM 102G General Aviation Maintenance Technology Practices I......................................2
~~and~~ AVIM 102H General Aviation Maintenance Technology Practices II 2
AVIM 109D Aircraft Fire Protection and Digital Logic 1
AVIM 120 Basic D.C. Electronics Theory...........3
AVIM 121A Applied Basic D.C. Electronics 1.5

Airframe Curriculum: Units
AVIM 103A Aircraft Wood, Fabric, Finishing and Composite Structures 3
AVIM 104A Applied Aircraft Wood, Fabric, Finishing and Composite Structures 1.5
AVIM 103B Aircraft Welding and Sheetmetal Structures 3
AVIM 104B Applied Aircraft Welding and Sheetmetal Structures.......................................1.5
AVIM 103C Aircraft Hydraulic Systems 3
AVIM 104C Applied Aircraft Hydraulic Systems...1
AVIM 103D Aircraft Landing Gear Systems.......3

AVIM 104D Applied Aircraft Landing Gear Systems 1
AVIM 105A Aircraft Cabin Atmosphere Control 1.5
AVIM 106A Aircraft Cabin Atmosphere Control 0.5
AVIM 105B Aircraft Assembly, Rigging and Inspection..1.5
AVIM 106B Applied Aircraft Assembly, Rigging and Inspection 1
AVIM 109A Airframe Electrical Systems...........3
AVIM 110A Airframe Electrical Systems Laboratory...1

Powerplant Curriculum: **Units**
AVIM 107B Turbine Engines 3
AVIM 108B Turbine Engines Laboratory............1
AVIM 109B Powerplant Ignition Systems...........2
AVIM 110B Applied Powerplant Ignition Systems 0.5
AVIM 109C Powerplant Electrical Systems 3
AVIM 110C Powerplant Electrical Systems Laboratory...0.5
AVIM 111C Reciprocating Engines I 3
AVIM 112C Applied Reciprocating Engines I.....2
AVIM 111D Reciprocating Engines II.................3
AVIM 112D Applied Reciprocating Engines II..1
AVIM 241 Aircraft Propeller Systems Lecture 3
AVIM 242 Aircraft Propeller Systems Laboratory...1
AVIM 249 Induction and Fuel Metering..............3
AVIM 250 Applied Induction and Fuel Metering...1
AVIM 253 Lubrication, Cooling, and Exhaust.....3
AVIM 254 Applied Lubrication, Cooling, and Exhaust...1
                              Total Units=78

Certificate of Performance
Helicopter Operations

Courses Required for the Major:	Units
AVIA 101 Private Pilot Ground School	3
AVIA 133 Human Factors in Aviation	3
AVIA 151 Helicopter Pilot Ground School	3
Total Units= 6 9	

Certificate of Achievement
Pilot Studies

Courses Required for the Major:	Units
AVIA 101 Private Pilot Ground School	3
AVIA 128 Group Dynamics for High Risk Teams	3
AVIA 133 Human Factors in Aviation	3
~~AVIM 100 General Aviation Technology Theory~~	12
AVIM 101G General Aviation Technology Theory I	6
AVIM 101H General Aviation Technology Theory II	6
Total Units =21	

Associate in Science Degree
Pilot Studies

Required for the Major:	Units
AVIA 101 Private Pilot Ground School	3
AVIA 128 Group Dynamics for High Risk Teams	3
AVIA 133 Human Factors in Aviation	3
~~AVIM 100 General Aviation Technology Theory~~	12
AVIM 101G General Aviation Technology Theory I	6
AVIM 101H General Aviation Technology Theory II	6
Total Units =21	

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

Associate in Arts Degree
Futures Studies

Courses Required for the Major: **Units**

FUTR 101 Introduction to Futures Studies 3

FUTR 102 Creating Futures: Methods and Tools 3

FUTR 103 Emerging Technologies...............................3

ANTH 103 Introduction to Cultural Anthropology.......3

POLI 103 Comparative Politics....................................3

CISC 181 Principles of Information Systems................4

SOCO 223 Globalization and Social Change................3

FUTR 250 Field Experience in Futures Studies.......1 - 3

Total Units=23 - 25

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

A.	Labor Market Information[1]:	The annual average number of persons employed in the Information Technology Management program area is 6,730 in San Diego County in the 2008 Employment year. Approximately 390-1,860 new job openings are projected through 2018.
B.	Duplication[2]:	Mesa College, Southwestern College, Mira Costa College, Grossmont College
C.	Effectiveness[3]:	Program Area OR the projected enrollment 35 students for the 2012-2013 year in a New Program area.

1. Information was obtained from California Labor Market Info at www.labormarketinfo.edd.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:

Certificate of Achievement
Information Technology
Management

Courses Required for the Major: **Units**
INWT 100 Survey of Operating Systems......................4
INWT 110 Desktop Support Technician I....................3
INWT 120 Network + Training 4
INWT 140 Security+ Certification Training 3
MSFT 130 Configuring Microsoft Windows Client ..2.5
MSFT 132 Windows Server Network Infrastructure,
   Configuring..3
MSFT 137 Windows Server Active Directory,
   Configuring...2.5
CBTE 180 Microsoft Office..3
BUSE 092 Introduction to Business Communication **or**
BUSE 119 Business Communications 3
                                  Total Units=28

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

A.   Labor Market Information[1]:   The annual average number of persons employed in the Information Technology Management program area is 6,730 in San Diego County in the 2008 Employment year. Approximately 390-1,860 new job openings are projected through 2018.

B.   Duplication[2]:   Mesa College; Southwestern College; Mira Costa College, Grossmont College

C.   Effectiveness[3]:   Program Area OR the projected enrollment 35 students for the 2012-2013 year in a New Program area.

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

Associate in Science Degree Information Technology Management

Courses Required for the Major: **Units**
INWT 100 Survey of Operating System 4
INWT 110 Desktop Support Technician I..................... 3
INWT 120 Network + Training 4
INWT 140 Security+ Certification Training 3
MSFT 130 Configuring Microsoft Windows Client .. 2.5
MSFT 132 Windows Server Network Infrastructure,
    Configuring... 3
MSFT 137 Windows Server Active Directory,
    Configuring... 2.5
CBTE 180 Microsoft Office.. 3
BUSE 092 Introduction to Business Communication **or**
BUSE 119 Business Communications 3
                                Total Units=28

<u>ACTION</u>

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

Certificate of Achievement
Dietetic Service Supervisor

Courses Required for the Major:	**Units**
NUTR 150 Nutrition	3
CACM 101 Sanitation, Safety and Equipment	3
CACM 115 Principles of Commercial Cooking	1
HOSP 115 Strategic Leadership in Hospitality	3
NUTR 091 Directed Clinical Practice	2
<u>NUTR 180 Nutrition and Diet Therapy</u> **or**	
NUTR 089 Modified Diets	2-3

Total Units = 14<u>-15</u>

<u>ACTION</u>

Adoption of a program deactivation at Mesa College.

Proposed program deactivation at Mesa College:

~~Certificate of Performance~~
~~Dietetic Service Supervisor~~

~~**Courses Required for the Major:**   **Units**~~
~~CACM 115 Principles of Commercial Cooking...1~~
~~NUTR 150 Nutrition ....3~~
~~NUTR 180 Nutrition and Diet Therapy................3~~
~~NUTR 091 Directed Clinical Practice ....2~~
~~CACM 101 Sanitation, Safety and Equipment.....3~~
~~HOSP 115 Strategic Leadership in Hospitality ....3~~
~~**Total Units = 15**~~

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

Certificate of Achievement
Paralegal

Courses Required for the Major:	Units
LEGL 100A Introduction to Paralegalism	1
LEGL 100B Legal Procedures	2
LEGL 105 Legal Research	3
LEGL 110 Legal Writing & Communications	3
LEGL 115 Civil Litigation – Procedures	3
LEGL 120 Tort Law	3
LEGL 180 Contract Law	3

Select 12 units from the following legal elective courses:	Units
LEGL 106 Computer Assisted Legal Research (CALR)	1
Or LEGL 140 Law Office Management and Technology	3
Or LEGL 145 Federal Court Practices and Procedures	3
Or LEGL 150 Criminal Litigation and Procedure	3
Or LEGL 155 Employment Law	3
Or LEGL 160 Bankruptcy Law	3
Or LEGL 165 Family Law	3
Or LEGL 170 Corporate Law	3
Or LEGL 175 Estates, Trusts, and Wills	3
Or LEGL 200 Elder Law	3
LEGL 205 Environmental Law	3
Or LEGL 210 Immigration Law	3
LEGL 270 Paralegal Internship / Work Experience	1-4
LEGL 296 Individualized Instruction in Legal Assistant	0.5-2

A maximum of 6 units from the following law-related courses may be substituted for legal elective courses:	Units
ADJU 102 Criminal Law I	1
Or ADJU 160 Criminal Law II	3
Or ADJU 230 Constitutional Law I	3
Or BUSE 140 Business Law and the Legal Environment	3
Or REAL 105 Legal Aspects of Real Estate I	3
Or LABR 112 1 California Workers Compensation	3
Or ACCT 116A Financial Accounting	4
Or ACCT 120 Federal Income Tax	3
Total Units= 30	

ACTION

Adoption of a program reactivation at Miramar College.

Proposed program reactivation at Miramar College:

Certificate of Achievement
Military Leadership

Courses Required for the Major: **Units**

MILS 100 Introduction to Military Science **or**

   MILS 100 Introduction to Military Science 3

 MILS 110 Leadership Theory and Practice..................3

MILS 270 Work Experience in Military

   Leadership 34

ENGL101 Reading and Composition **or**

BUSE119 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

Associate in Science Degree
Military Leadership

Courses Required for the Major: **Units**

MILS 100 Introduction to Military Science **or**

   MILS 100 Introduction to Military Science 3

MILS 110 Leadership Theory and Practice..........3

MILS 270 Work Experience in Military

   Leadership 3-4

ENGL 101 Reading and Composition **or**

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

Adoption of a program revision at Mesa College.

Proposed program revisions at Mesa College:

Certificate of Performance
Music Composition

Courses Required for the Major: **Units**
MUSI 123 Recital Hour 0.5
MUSI 190 The Electronic Music Studio 3
MUSI 202 Computer Music 3
MUSI 206A Projects in Composition.............................3
MUSI 206B Projects in Composition.............................3

Select one course from: **Units**
MUSI 158A Music Theory I **or**
MUSI 158B Music Theory II **or**
<u>MUSI 213A Jazz Theory for Piano I</u> **or**
<u>MUSI 213B Jazz Theory For Piano II</u> **or**
MUSI 258A Music Theory III **or**
MUSI 258B Music Theory IV...4

Select one course from: **Units**
MUSI 268A Beginning Ear Training Laboratory I **or**
MUSI 268B Beginning Ear Training Laboratory II **or**
MUSI 269A Advanced Ear Training Laboratory
  III **or**
MUSI 269B Advanced Ear Training Laboratory
  IV..1
Total Units = 17.5

Certificate of Performance
Music Technology

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

Select one course from: **Units**
MUSI 205A Projects in Electronic Music **or**
MUSI 205B Projects in Electronic Music **or**
MUSI 206A Projects in Composition **or**
MUSI 206B Projects in Composition 3

Select two ~~courses~~ units from: **Units**
~~MUSI 115A Class Piano I~~ 1
~~or MUSI 115B Class Piano II~~...............................1
<u>MUSI 116A College Piano I</u>.................................2
<u>MUSI 116B College Piano II</u> 2
<u>MUSI 216 College Piano III</u>................................2
MUSI 132A Classical Guitar I 1
MUSI 132B Classical Guitar II 1
~~MUSI 215A Class Piano III~~ **or**
~~MUSI 215B Class Piano IV~~...................................1
Total Units = 17.5

Certificate of Performance
Music Theory

Courses Required for the Major: **Units**
MUSI 123 Recital Hour...0.5

Select three courses in sequence from: **Units**
MUSI 158A Music Theory I 4
MUSI 158B Music Theory II 4
MUSI 258A Music Theory III 4
MUSI 258B Music Theory IV.............................4

Select three courses in sequence from: **Units**
MUSI 268A Beginning Ear Training Laboratory
     I...1
MUSI 268B Beginning Ear Training Laboratory
     II 1
MUSI 269A Advanced Ear Training Laboratory
     III 1
MUSI 269B Advanced Ear Training Laboratory
     IV 1

Select ~~two~~one course from: **Units**
MUSI 116A College Piano I 2
MUSI 116B College Piano II 2
MUSI 216 College Piano III................................2
~~MUSI 115A Class Piano I~~ **~~or~~**
~~MUSI 115B Class Piano II~~ **~~or~~**
~~MUSI 215A Class Piano III~~ **~~or~~**
~~MUSI 215B Class Piano IV ....1~~
                 Total Units=17.5