

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:

Allied Health

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

Anthropology

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

Aviation Maintenance Technology

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

Culinary Arts/Culinary Management

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

Future Studies

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

Information, Network, And Web Technologies

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

Motorcycle Maintenance

Adoption of nine course deactivations at Miramar College. **(Attachment G)**

Aeronautical and Aviation Technology

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

Liberal Arts and Sciences

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

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

B. STATEMENT OF ISSUE/PURPOSE (Continued)

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 new course at Mesa College.

Proposed new course at Mesa College:

**290 Independent Study**

**48 - 162 hours other, 1-3 units**

**Pass/No Pass**

*Limitation on Enrollment:* Must obtain an Add Code from the instructor for enrollment.

This course is for students who wish to conduct additional research, a special project, or learning activities in Allied Health and is not intended to replace an existing course in an Allied Health program. In this course students will have a written contract with their instructor for activities such as: preparing problem analysis, engaging in primary research, preparing reports, and meeting with the instructor at specific intervals. This course may be taken four times with different content for a maximum of six units. Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a new course at City College.

Proposed new course at City College:

**392A Cross-Cultural Studies in Argentina**  
**16 - 54 hours lecture, 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.

This course is a study of the contemporary life and culture of Argentina. Emphasis is placed on providing the student with the opportunity to observe and participate in a variety of areas, including the arts, sciences, sports, contemporary history, politics, economics, humanities, philosophy, sociology and anthropology. (FT)  
Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a course deactivation at Miramar College.

Proposed course deactivation at Miramar College:

**75 Basic Avionics Theory**  
**48 - 54 hours lecture, 3 units**  
**Grade Only**

*Advisory:* Mathematics 34A, English 48 or English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels M20, W5 or R5. This course utilizes classroom instruction in the field of aviation communication, navigation, and auto-pilot systems. It provides students interested in aviation electronics with valuable basic information concerning the identification of components and theory and operation of the following systems: Voice communication radio systems, VHF navigation radio systems (ILS, VOR, and ADF), UHF navigation radio systems (ILS, DME, GPS, and Transponders), and auto-pilot systems (Flight Directors and Automatic Flight Guidance Systems). (FT) Associate Degree Credit only and not Transferable.

Culinary Arts/Culinary Management

ACTION

Adoption of two course deactivations at Mesa College.

Proposed course deactivations at Mesa College:

**291A Culinary Practicum Small Events**  
**48 - 54 hours lab, 1 units**  
**Grade Only**

*Prerequisite:* Culinary Arts/Culinary Management 110 with a grade of "C" or better, or equivalent (formerly FOOD 110).  
*Limitation on Enrollment:* Must obtain an Add Code from the instructor for enrollment. Enrollment in an approved related course. This course provides practical experiences designed to supplement the basic curriculum and includes special cooperative educational opportunities set up with the College and approved Chefs. Experiences include special and short-order food preparation and service, buffet service, catering, dining room management and service and receiving and storeroom procedures. Small event preparation is produced in a time-restricted quality-minded setting. This course is for students pursuing a career in culinary arts/culinary management. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**291B Culinary Practicum for Formal Events**  
**48 - 54 hours lab, 1 units**  
**Grade Only**

*Prerequisite:* Culinary Arts/Culinary Management 110 with a grade of "C" or better, or equivalent.  
*Limitation on Enrollment:* Must obtain an Add Code from the instructor for enrollment. Enrollment in an approved related course. This course provides practical experiences designed to supplement the basic curriculum and includes special cooperative educational opportunities set up with the College and approved Chefs. Experiences include special and short order food preparation and service, buffet service, catering, dining room management and service and receiving and storeroom procedures. Formal event preparation is produced in a time-restricted quality-minded setting. This course is for students pursuing a career in culinary arts/culinary management. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a course deactivation at City College.

Proposed course deactivation at City College:

**277C Service Learning -- Community:  
Futures Studies**

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

*Corequisite: Completion of or concurrent enrollment in Futures Studies 101 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.*

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.

ACTION

Adoption of a course deactivation at City College.

Proposed course deactivation at City College:

**81 Microsoft Office: Troubleshooting and Problem Solving**

**96 - 108 hours lab, 2 units  
Grade Only**

*Advisory:* Computer Business Technology 180 with a grade of "C" or better, or equivalent. This course is designed to cover the major components of the Microsoft Office software and includes coverage of the newly bundled applications such as FrontPage, Publisher, and PhotoDraw. Emphasis is placed on a more detailed understanding of Microsoft Office with its new functions for total Internet integration and collaboration. Content includes problem solving, troubleshooting and advanced solutions to client issues with the software components. (FT) Associate Degree Credit only and not Transferable.



## Motorcycle Maintenance

### ACTION

Adoption of nine course deactivations at Miramar College.

Proposed course deactivations at Miramar College:

**90 Introduction to Motorcycle Design and Maintenance Theory**  
**48 - 54 hours lecture, 3 units**  
**Grade Only**

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

This course introduces students to the history of motorcycles as well as modern machines. It provides an overview of the theory of operation and design principles involved in motorcycle maintenance. Topics include diagnostic procedures, troubleshooting, and corrective repair. (FT) Associate Degree Credit only and not Transferable.

**91A Motorcycle Engine Theory**  
**56 - 63 hours lecture, 24 - 27 hours lab, 4 units**  
**Grade Only**

*Prerequisite:* Motorcycle Maintenance 90 with a grade of "C" or better, or equivalent. MCLE 090 can be challenged by exam by students who have previous training and/or experience.

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

This course covers motorcycle engine theory. It provides a comprehensive view of how two- and four-stroke motorcycle engines work and covers the technical principles involved in converting fuel to motion. Students also learn how to apply service manual information to identify internal combustion engine components and their maintenance requirements. (FT) Associate Degree Credit only and not Transferable.

**91B Motorcycle Engine Overhaul**  
**48 - 54 hours lecture, 48 - 54 hours lab, 4 units**  
**Grade Only**

*Prerequisite:* Motorcycle Maintenance 90 with a grade of "C" or better, or equivalent. MCLE 090 may be challenged by exam by students who have previous training and/or experience.

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

This course covers the parameters, methods, and techniques of motorcycle engine overhaul, including post-overhaul adjustments and operations checks. Topics include the use of service and parts manuals. (FT) Associate Degree Credit only and not Transferable.

**93 Motorcycle Power Transmission System**  
**56 - 63 hours lecture, 24 - 27 hours lab, 4 units**  
**Grade Only**

*Prerequisite:* Motorcycle Maintenance 90 with a grade of "C" or better, or equivalent. MCLE 090 may be challenged by exam by students who have previous training and/or experience.

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

This course covers motorcycle power transmission systems and the theory of operation including lubrication requirements, gear ratios, and the design and function of the primary drive, clutch, transmission, and final drive. The power transmission systems include engine crankshaft through clutch and transmission as well as the final drive system to the rear wheel. Students learn how to remove, disassemble, clean, inspect, measure, rebuild, reinstall, and check clutches, transmissions, and drive systems. (FT) Associate Degree Credit only and not Transferable.

## Motorcycle Maintenance

### **94 Motorcycle Exhaust, Frame, Suspension, Tires, Wheels, and Brakes** **56 - 63 hours lecture, 24 - 27 hours lab, 4 units** **Grade Only**

*Prerequisite:* Motorcycle Maintenance 90 with a grade of "C" or better, or equivalent. MCLE 090 can be challenged by exam by students who have previous training and/or experience.

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

This course covers the theory, design, and function of motorcycles. Topics include exhaust systems, various frame and suspension designs, tires, cast and spoked wheels, and both disk and drum brakes. Students also learn how to apply theory, design, and service manual information to select correct tire and wheel combinations, frame and suspension modifications, and exhaust and intake combinations for enhanced performance. (FT) Associate Degree Credit only and not Transferable.

### **96 Motorcycle Electrical Systems** **56 - 63 hours lecture, 24 - 27 hours lab, 4 units** **Grade Only**

*Prerequisite:* Motorcycle Maintenance 90 with a grade of "C" or better, or equivalent. MCLE 090 can be challenged by exam by students who have previous training and/or experience.

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

This course covers motorcycle electrical principles, components, and systems. Topics include circuits, wiring diagrams, charging systems, and ignition systems. Students learn how to service, maintain, diagnose, and repair motorcycle electrical components and systems. (FT) Associate Degree Credit only and not Transferable.

### **97 Motorcycle Fuel, Lubrication, and Cooling Systems** **56 - 63 hours lecture, 24 - 27 hours lab, 4 units** **Grade Only**

*Prerequisite:* Motorcycle Maintenance 90 with a grade of "C" or better, or equivalent. MCLE 090 can be challenged by exam by students who have previous training and/or experience.

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

This course covers the principles, theory of operation, design, and function of motorcycle fuel systems including fuel injection, engine control, lubrication, and cooling systems. Students learn how to disassemble, clean, measure, and rebuild components in these systems. (FT) Associate Degree Credit only and not Transferable.

**98A Motorcycle Tune-up and General Service**  
**56 - 63 hours lecture, 24 - 27 hours lab, 4 units**  
**Grade Only**

*Prerequisite:* Motorcycle Maintenance 90 with a grade of "C" or better, or equivalent. MCLE 090 may be challenged by exam by students who have previous training and/or experience.

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

This course covers motorcycle tune-up and general service including ignition and valve adjustment, lubrication, and oil and filter changes. Students learn how to use specialized tools, service and parts books, micro-fiche records, and computerized manuals. (FT) Associate Degree Credit only and not Transferable.

**98B Motorcycle Dynamometer Operation and Data Acquisition**  
**16 - 18 hours lecture, 24 - 27 hours lab, 1.5units**  
**Grade Only**

*Prerequisite:* Motorcycle Maintenance 90 and Motorcycle 98A, each with a grade of "C" or better, or equivalent. MCLE 090 may be challenged by exam by students who have previous training and/or experience.

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

This course relates motorcycle engine and component theory and function to dynamometer operation. It covers how dynamometers are used to diagnose and solve motorcycle maintenance discrepancies on various types of motorcycles. (FT) Associate Degree Credit only and not Transferable.

ACTION

Adoption of a program revision at Miramar College.

Proposed program revisions at Miramar College:

**Certificate of Achievement  
Aviation Operations-Management**

<b>Courses Required for the Major:</b>	<b>Units</b>
<u>AVIA 053 Aviation Career Skills .....</u>	<u>1</u>
AVIA 101 Private Pilot Ground School .....	3
AVIA 105 Introduction to Aviation and Aerospace.....	3
AVIA 125 Aviation and Airport Management.....	3
AVIA 128 Group Dynamics for High Risk Teams .....	3
AVIA 133 Human Factors in Aviation .....	3
AVIA 195 Basic Instrument Flight Procedures.....	3
AVIA 196 Basic Instrument Flight Lab .....	1
<u>AVIA 225 Introduction to Commercial Airline Management .....</u>	<u>3</u>
<u>AVIA 278 Command, Leadership and Decision Making.....</u>	<u>3</u>

<b>Select at least three units from:</b>	<b>Units</b>
<u>AVIA 101L Private Pilot Flight .....</u>	<u>1</u>
<u>AVIA 103 Private Pilot Knowledge Review .....</u>	<u>1</u>
<u>AVIA 151 Helicopter Pilot Ground School .....</u>	<u>3</u>
<u>AVIA 212 Flight Instructor Ground School .....</u>	<u>4</u>
<u>AVIA 228 Group Dynamics II.....</u>	<u>3</u>
BUSE 119 Business Communications .....	3
<u>BUSE 140 Business Law and the Legal Environment .....</u>	<u>3</u>
BUSE 201 Business Organization and Management .....	3

**Total Units = 25 29-30**

**Certificate of Achievement  
Aviation Operations-Professional  
Pilot**

<b>Courses Required for the Major:</b>	<b>Units</b>
<u>AVIA 053 Aviation Career Skills .....</u>	<u>1</u>
AVIA 101 Private Pilot Ground School.....	3
AVIA 105 Introduction to Aviation and Aerospace...3	
AVIA 125 Aviation and Airport Management.....3	
AVIA 128 Group Dynamics for High Risk Teams ...3	
AVIA 133 Human Factors in Aviation .....	3
AVIA 199 Instrument Ground School .....	4
AVIA 201 Commercial Airline Pilot Instruction .....	3
<u>AVIA 212 Flight Instructor Ground School .....</u>	<u>4</u>
<u>AVIA 278 Command, Leadership and Decision Making .....</u>	<u>3</u>

<b>Select at least three units from:</b>	<b>Units</b>
AVIA 101L Private Pilot Flight Lab.....	1
AVIA 103 Private Pilot Knowledge Review .....	1
AVIA 151 Helicopter Pilot Ground School .....	3
AVIA 212 Flight Instructor Ground School .....	4
AVIA 228 Group Dynamics II.....	3
BUSE 119 Business Communications .....	3
BUSE 140 Business Law and the Legal Environment.....	3
BUSE 201 Business Organization and Management .....	3

**Total Units = 26 29-30**

**Associate in Science Degree  
Aviation Operations-Management**

<b>Courses Required for the Major:</b>	<b>Units</b>
<u>AVIA 053 Aviation Career Skills .....</u>	<u>1</u>
<u>AVIA 101 Private Pilot Ground School .....</u>	<u>3</u>
<u>AVIA 105 Introduction to Aviation and Aerospace.....</u>	<u>3</u>
<u>AVIA 125 Aviation and Airport Management.....</u>	<u>3</u>
<u>AVIA 128 Group Dynamics for High Risk Teams .....</u>	<u>3</u>
<u>AVIA 133 Human Factors in Aviation .....</u>	<u>3</u>
<u>AVIA 195 Basic Instrument Flight Procedures.....</u>	<u>3</u>
<u>AVIA 196 Basic Instrument Flight Lab .....</u>	<u>1</u>
<u>AVIA 225 Introduction to Commercial Airline Management .....</u>	<u>3</u>
<u>AVIA 278 Command, Leadership and Decision Making.....</u>	<u>3</u>

<b>Select at least three units from:</b>	<b>Units</b>
<u>AVIA 101L Private Pilot Flight Lab .....</u>	<u>1</u>
<u>AVIA 103 Private Pilot Knowledge Review.....</u>	<u>1</u>
<u>AVIA 151 Helicopter Pilot Ground School .....</u>	<u>3</u>
<u>AVIA 212 Flight Instructor Ground School.....</u>	<u>4</u>
<u>AVIA 228 Group Dynamics II.....</u>	<u>3</u>
<u>BUSE 119 Business Communications .....</u>	<u>3</u>
<u>BUSE 140 Business Law and the Legal Environment....</u>	<u>3</u>
<u>BUSE 201 Business Organization and Management .....</u>	<u>3</u>

**Total Units = 25 29-30**

**Associate in Science Degree  
Aviation Operations-Professional  
Pilot**

<b>Courses Required for the Major:</b>	<b>Units</b>
<u>AVIA 053 Aviation Career Skills</u>	
<u>AVIA 101 Private Pilot Ground School</u>	
<u>AVIA 105 Introduction to Aviation and Aerospace</u>	
<u>AVIA 125 Aviation and Airport Management</u>	
<u>AVIA 128 Group Dynamics for High Risk Teams</u>	
<u>AVIA 133 Human Factors in Aviation</u>	
<u>AVIA 199 Instrument Ground School</u>	
<u>AVIA 201 Commercial Airline Pilot Instruction</u>	
<del><u>AVIA 212 Flight Instructor Ground School</u></del>	
<u>AVIA 278 Command, Leadership and Decision Making</u>	

<b>Select at least three units from:</b>	<b>Units</b>
<u>AVIA 101L Private Pilot Flight Lab.....</u>	<u>1</u>
<u>AVIA 103 Private Pilot Knowledge Review .....</u>	<u>1</u>
<u>AVIA 151 Helicopter Pilot Ground School.....</u>	<u>3</u>
<u>AVIA 212 Flight Instructor Ground School .....</u>	<u>4</u>
<u>AVIA 228 Group Dynamics II.....</u>	<u>3</u>
<u>BUSE 119 Business Communications .....</u>	<u>3</u>
<u>BUSE 140 Business Law and the Legal Environment.....</u>	<u>3</u>
<u>BUSE 201 Business Organization and Management..</u>	<u>3</u>

**Total Units = 26 29-30**

ACTION

Adoption of a program revision at Mesa College.

Proposed revised program at Mesa College:

**Associate in Arts Degree  
Liberal Arts and Sciences with an  
Emphasis in Arts**

<b>Courses Required for the Major:</b>	<b>Units</b>
MUSI 100 Introduction to Music .....	3
<del>MUSI 115A Class Piano I.....</del>	<del>1</del>
<del>MUSI 115B Class Piano II.....</del>	<del>1</del>
MUSI 150A Basic Musicianship.....	3
<u>MUSI 116A College Piano I.....</u>	<u>2</u>

<b>Select a minimum of ten units from:</b>	<b>Units</b>
MUSI 268A Beginning Ear Training Laboratory.....	1
MUSI 268B Beginning Ear Training Laboratory II .....	1
MUSI 123 Recital Hour .....	0.5
MUSI 190 The Electronic Music Studio .....	3
MUSI 202 Computer Music .....	3
MUSI 252 Concert Jazz Band.....	1-3
MUSI 296 Individualized Instruction in Music.....	0.5-2

**Total Units = 18**