

Board Docket for December 8, 2005

A. NAME OF DOCKET ITEM

Consideration and approval of new or revised courses and programs.

B. STATEMENT OF ISSUE/PURPOSE

1. Background and Purpose

The following curriculum changes are proposed:

Aviation	Adoption of a new course at Miramar College	Attachment A
Culinary Arts/Culinary Management	Amend curriculum from 10/27/05 docket to remove course.	Attachment B
Dramatic Arts	Adoption of a course deactivation at City College.	Attachment C
Mecomtronics	Adoption of a course deactivation at City College.	Attachment D
Manufacturing Engineering Technology	Adoption of a new course at City College	Attachment E
Technical Writing	Adoption of two course deactivations at City College.	Attachment F

2. Cost and Funding

There is no additional cost to the District

C. PROPOSAL

The Board of Trustees hereby approves the action outlined in Part A of this docket exhibit.

Henry T. Ingle, Ph.D
Vice Chancellor
Instructional Services, Planning and Technology

ACTION

Adoption of a new course at Miramar College.

Proposed new course at Miramar College.

301 Private Pilot Knowledge Test Prep

1 hour lecture, 1 unit

Credit/No Credit Only

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

Limitation on Enrollment: Must have earned a Miramar College Private Pilot Certificate of Completion or must provide proof of eligibility to test for the FAA Private Pilot Knowledge Test.

This course offers students the opportunity to review Private Pilot written examination material to prepare for the FAA Private Pilot Knowledge Test. Instruction includes a review of aerodynamics and the principles of flight; airplane instruments, engines, and systems; airports; air traffic control and airspace; Federal Aviation Regulations; aircraft performance; aeromedical factors and decision making; weather and weather services; navigation; and cross country planning. (FT) Not Applicable to Associate Degree.

ACTION

Amend Curriculum to remove
new course proposal at Mesa College.

Proposed amended course at Mesa College:

**111 Fundamentals of Cooking & Service for Non-
Majors**

**6 hours lab, 2 units
Grade Only**

Advisory: ENGL 042 & ENGL 043 & MATH 032, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4/W4/M20; and completion of or concurrent enrollment in HOSP 101 with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for CACM 110 (formerly FOOD 110).

This is an introductory course in the practical applications of cooking techniques, dining room service, and restaurant operations, including safety, sanitation, flow of goods, and industry trends. This course is designed for students interested in pursuing a certificate or degree in hospitality management, or others who maintain an interest. It is not for Culinary Arts/Culinary Management certificate or degree students. Through lab sessions, this course provides opportunity for students to gain hands-on experience in preparing meals by following and modifying recipes by using the knowledge gained through the course. (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:

128 Stage Lighting Design

1.5 hours lecture, 4.5 hours lab, 3 units

Letter Grade or Credit/No Credit Option

Prerequisite: Dramatic Arts 123 with a grade of "C" or better, or equivalent.

This course is an introduction to the principles and practices of stage lighting through instruction in the design of light plots. Emphasis is placed on design and knowledge of the drafting of lighting plots and the operation of basic electric stage equipment. Students participate in the department production, earning practical experience in lighting and execution. Technical preparation for other forms of production such as outdoors, television and movies is included. This course is intended for the transfer student planning a major in Dramatic Arts or desiring competency in technical theatre. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities. UC Transfer Course List.

ACTION

Adoption of a course deactivation at City College.

Proposed course deactivation at City College:

~~203A Electrical and Mechanical Power Systems~~
~~— 2 hours lecture, 3 hours lab, 3 units~~
Grade Only

Prerequisite: ~~MCTR 103A with a grade of "C" or better, or equivalent.~~

~~This course is a study of electrical and mechanical power components and systems used in the transmission of mechanical power and the distribution of electrical power. Topics include analysis of electric circuits; electromagnetic devices and their use in systems; discrete semiconductor switching devices; hydraulic and pneumatic power devices; types and uses of electric motors and generators as well as power distribution systems. Troubleshooting and repair of hydraulic, pneumatic control equipment and electrical/electronic systems are studied through a number of industry based projects. (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

220 Programmable Logic Controllers
2 hours lecture, 3 hours lab, 3 units
Grade Only

Prerequisite: English 51 and 56 and Math 96, each with a grade of "C" or better, or equivalent. or Assessment Skill Level W5/R5/M50.

This course assists students in developing and building fundamental knowledge of the operation, construction, interfacing and programming of programmable logic controllers (PLCs). Students learn different hardware components, input and output devices associating with PLCs, and PLC applications in various manufacturing systems. Students also acquire hands-on experience on constructing, operating, configuring and programming PLCs. The course is designed for students, technicians, technologists and engineers from industry who are interested in automation and the integration of PLCs in manufacturing. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of course deactivations at City College.

Proposed course deactivations at City College:

15 Use of Graphics and Illustration in Technical Writing

— ~~3 hours lecture, 3 units~~

~~Grade Only~~

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

~~This course provides instructions in the principles and practices of technical illustration as it relates to technical writers. (FT). Associate Degree Credit & transfer to CSU and/or private colleges and universities.~~

125 Introduction to Parts Documentation

— ~~3 hours lecture, 3 units~~

~~Grade Only~~

~~This course introduces requirements for and methods used in developing commercial and military lists and parts catalogs. Will include hardware, engineering, drawings, specifications and catalog samples.~~

~~Associate Degree Credit & transfer to CSU and/or private colleges and universities.~~