

Approved 7/31/08

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:

English

Adoption of two new courses at City College (**Attachment A**)

Manufacturing Engineering Technology

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

Applied Biotechnology

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

Inspection and Vehicle Preparation Technician Program

Adoption of a new program at Continuing Education. (**Attachment D**)

Introduction to Diesel Technology Program

Adoption of a new program at Continuing Education. (**Attachment E**)

Sewn Product Business Program

Adoption of a new program at Continuing Education. (**Attachment F**)

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.

Andrea Henne, Ed.D.
Acting Vice Chancellor
Instructional Services

ACTION

Adoption of two new courses at City College.

Proposed courses at City College:

012A Basic English Review
0.5 hours lecture, 1.5 hours lab, 1 unit
Grade Only

This self-paced course is intended for students who need to review their English skills in order to succeed in college classes and/or their career. Students begin with an evaluation of their skills. Activities include assigned individualized reading and writing practice, mastery tests, and meetings with the instructor. This is an individualized course designed to develop student mastery in specific basic skills. (FT) Not Applicable to Associate Degree, pre-collegiate basic skills, English as a Second Language.

012E Basic Composition Review
0.5 hours lecture, 1.5 hours lab, 1 unit
Grade Only

This self-paced course is intended for students enrolled in English 51 who would like additional instruction in order to complete the course successfully. Students begin with an evaluation of their skills. Activities include assigned individualized reading and writing practice, mastery tests, and meetings with the instructor. This is an individualized course designed to develop student mastery in specific basic skills for English 51. (FT) Not Applicable to Associate Degree, pre-collegiate basic skills, English as a Second Language.

Manufacturing Engineering Technology

ACTION

Adoption of two new courses at City College.

Proposed courses at City College:

055 Metal Cutting Processes for Welding
3 hours lecture, 3 units
Grade Only

Advisory: English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 & R5.

This course is a practical study of metal cutting processes for the welding trades. Emphasis is placed on instruction in oxygen/fuel and plasma arc cutting techniques used in the field of welding. This course is designed for students planning to enter the welding field. (FT) Associate Degree Credit only and not Transferable.

060 Shielded Metal Arc Welding Process (SMAW)
3 hours lecture, 3 units
Credit/No Credit Only

Advisory: English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 & R5.

This course provides instruction on the process and principles of Shielded Metal Arc Welding (SMAW). Emphasis is placed on the use of electrodes and basic joints in the welding trades according to the American Welding Society standards. This course is designed for students working or planning on working in the welding trades. (FT) Associate Degree Credit only and not Transferable.

Applied Biotechnology

Pursuant to Section 78016 of the Education Code, the following is a program review summary:
Applied Biotechnology

- A. Labor Market Information¹: The annual average number of persons employed in the Inspection and Vehicle Preparation Technician program area is 1450 in San Diego County in the 2002 Employment year. Approximately 1940 new job openings are projected through 2012.
- B. Duplication²: Miramar College
- C. Effectiveness³: Program Area OR the projected enrollment 24 students for the 2007-2008 year in a New Program area.
 - 1. Information was obtained from Life Sciences in San Diego County, the Industry, occupations, and education by San Diego Workforce Partnership, 2006.
 - 2. Information was obtained from the Miramar College 2007-2008 Catalog.
 - 3. Information was obtained from First day enrollment in Fall 2007 in Bio 109 and Spring 2008 for Bio 206.

ACTION

Adoption of a new Program at City College.

Proposed Program at City College:

Certificate of Performance
Applied Biotechnology

Courses Required for the Major:	Units
BIOL 109, Preparation for Biotechnology	5
BIOL 206, Biotechnology Instrumentation	6
	Total Units = 11

Inspection and Vehicle Preparation Technician Program

Pursuant to Section 78016 of the Education Code, the following is a program review summary:
Inspection and Vehicle Preparation Technician Program

- C. Labor Market Information¹: The annual average number of persons employed in the Inspection and Vehicle Preparation Technician program area is 6720 in San Diego County in the 2004 Employment year. Approximately 286 new job openings per year are projected through 2014.
- D. Duplication²:
- | | |
|-------------------|---|
| Cuyamaca College | Automobile/Automotive Mechanics Technology/Technician |
| Southwest College | Automobile/Automotive Mechanics Technology/Technician |
| MiraCosta College | Automobile/Automotive Mechanics Technology/Technician |
- C. Effectiveness³: Program Area OR the projected enrollment 20 students for the 2008-2009 year in a New Program area.
4. Information was obtained from the State of California Employment Development Department.
 5. Information was obtained from the State of California Employment Development Department.
 6. Information was obtained from CCCCO Data Mart, and Richard Bettendorf, Dean of the Auto Technology program at Miramar.

ACTION

Adoption of a new Program at Continuing Education.

Proposed Program at Continuing Education:

Certificate of Completion Inspection and Vehicle Preparation Technician

The following courses must be taken to complete the program:

AUTO 600, Quick Service Lube, Pre-Delivery
Inspection Technician
AUTO 601, Automotive Introductory and Safety

Introduction to Diesel Technology Program

Pursuant to Section 78016 of the Education Code, the following is a program review summary:
Introduction to Diesel Technology Program.

- A. Labor Market Information¹: The annual average number of persons employed in the Network Security Specialist program area is 6350 in San Diego County in the 2004 Employment year. Approximately 81 new job openings per year are projected through 2014.
- B. Duplication²: Palomar College Diesel Mechanics Technology
- C. Effectiveness³: Program Area OR the projected enrollment 20 students for the 2008-2009 year in a New Program area.
 - 1. Information was obtained from the State of California Employment Development Department.
 - 2. Information was obtained from the State of California Employment Development Department.
 - 3. Information was obtained from CCCCO Data Mart, and Richard Bettendorf, Dean of the Auto Technology program at Miramar.

ACTION

Adoption of a new Program at Continuing Education.

Proposed Program at Continuing Education:

Certificate of Completion **Introduction to Diesel Technology**

The following courses must be taken to complete the program:

DIES 400, Introduction to Diesel Technology
DIES 401, Measuring Tools and Applied
Mathematics

Sewn Product Business Program

Pursuant to Section 78016 of the Education Code, the following is a program review summary:
Sewn Product Business Program

- A. Labor Market Information¹: The annual average number of persons employed in the Network Security Specialist program area is 540 in San Diego County in the 2004 Employment year. Approximately 620 new job openings are projected through 2014.
- B. Duplication²: None.
- C. Effectiveness³: Program Area OR the projected enrollment 40 students for the 2008-2009 year in a New Program area.
1. Information was obtained <http://www.labormarketinfo.edd.ca.gov>.
 2. Information was obtained from www.grossmont.edu; www.swccd.edu; www.cuyamaca.edu; www.sdccd.edu; www.mircosta.edu; www.imperial.edu.
 3. Information was obtained from the CE Foods and Fashion Program.

ACTION

Adoption of a new Program at Continuing Education.

Proposed Program at Continuing Education:

Certificate of Completion Sewn Product Business

The following courses must be taken to complete the program:

CLTX 651 – Sewn Product Business I
CLTX 652 – Sewn Product Business II
CLTX 653 – Sewn Product Business III

