

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:

Agriculture

Adoption of five new courses at City College. (**Attachment A1-A2**)

Aviation

Adoption of three course deactivations at Miramar College.

(**Attachment B1-B2**)

Medical Laboratory Technology

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

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.

Otto Lee  
Vice Chancellor  
Instructional Services

ACTION

Adoption of five new courses at City College.

Proposed new courses at City College:

**104 Cool Season Organic Production**  
**24 - 27 hours lecture, 72 - 81 hours lab, 3 units**  
**Letter Grade or Pass/No Pass Option**

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

This course is a hands-on study of cultural practices, varieties, and economics of production of major cool season vegetable crops in San Diego County. Topics include strategies for starting and maintaining cool season crops, innovative irrigation methods, essential weed and pest control measures, and marketing. Organic methods are emphasized. This course is intended for students interested in agriculture, environmental science, agricultural education and sustainability. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**106 Warm Season Organic Production**  
**24 - 27 hours lecture, 72 - 81 hours lab, 3 units**  
**Letter Grade or Pass/No Pass Option**

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

This course is a hands-on study of cultural practices, varieties, and economics of production of major warm season vegetable crops in San Diego County. Topics include strategies for starting and maintaining crops, innovative irrigation methods, essential weed and pest control measures, and marketing. Organic methods are emphasized. This course is intended for students interested in agriculture, environmental science, agricultural education and sustainability. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**110 Organic Fruit Tree Care**  
**24 - 27 hours lecture, 72 - 81 hours lab, 3 units**  
**Letter Grade or Pass/No Pass Option**

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

This course introduces students to fruit tree selection, planting and care for small-scale orchards or home gardens. The course includes knowledge about desirable varieties, hands-on pruning and training methods, and details on pest management. The emphasis is on organic production methods. This course is intended for students interested in agricultural production, agricultural education and sustainability. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**112 Organic Greenhouse Management and Plant Propagation**  
**16 - 18 hours lecture, 48 - 54 hours lab, 2 units**  
**Letter Grade or Pass/No Pass Option**

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

This course introduces skills and concepts associated with the propagation of crop plants. Beginning with seed and seedling biology, the course introduces the cultural requirements and management practices involved in seed germination and seedling development, propagation media, soil mixes, greenhouse structures, greenhouse pest and pathogen management, and general skills in getting plants off to a healthy start, which is critical to successful crop production. Organic methods are emphasized. This course is intended for students interested in agricultural production, management and education and ecology. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**128 Food Preservation Skills**

**16 - 18 hours lecture, 1 unit  
Letter Grade or Pass/No Pass Option**

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

This course introduces students to the practice of Food Preservation in a time of energy descent. Topics include canning, dehydrating, fermenting, food preservation history and philosophical approaches associated with insuring food security. This course is intended for students interested in agricultural production, culinary arts and food science. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

Aviation

ACTION

Adoption of three course deactivations at Miramar College.

Proposed course deactivations at Miramar College (no longer active at any college):

**53 Aviation Career Skills**  
**16 - 18 hours lecture, 1 unit**  
**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.*

**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 Level 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.*

**312 Flight Instructor Refresher Clinic (FIRC)**  
**16 - 18 hours lecture, 1 unit**  
**Pass/No Pass**

*Limitation on Enrollment:* Must have an unexpired flight instructor certificate.

This course provides instructors the opportunity to renew their unexpired FAA flight instructor certificates through classroom study. In accordance with Federal Aviation Regulations, topics include aerodynamics, flight information publications, human factors, weather, regulations, airspace, collision avoidance procedures, professional responsibilities, fundamentals of instruction, flight maneuvers and procedures, flight safety, transition training, recurrency training, and additional selected areas that are applicable to the needs of flight instructors. (FT)  
Not applicable to the Associate Degree.

## Medical Laboratory Technology

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

### Medical Laboratory Technician Training Program

- A. Labor Market Information<sup>1</sup>: The annual average number of persons employed in the Medical Laboratory Technician Training program area 1140 in San Diego County in the 2006 Employment year. Approximately 1432 new job openings are projected through 2017.
- B. Duplication<sup>2</sup>: None.
- C. Effectiveness<sup>3</sup>: Program Area OR the projected enrollment 12 students for the 2011-2012 year in a New Program area.
1. Information was obtained from California Labor Market information at <http://www.labormarketinfo.edd.ca.gov/> and Environmental Scan for Allied Health Occupations for San Diego and Imperial region dated April 2009 downloaded from [www.coecc.net](http://www.coecc.net).
  2. Information was obtained from <http://www.swccd.edu/Hecnc/3rdLevel/index.asp?L2=91>.
  3. Information was obtained from the Pilot Program Funded by ARRA Allied Health Grant..

### ACTION

Adoption of a new program at Miramar College.

Proposed new program at Miramar College:

### **Certificate of Performance Medical Laboratory Training Technician**

<b>Courses Required for the Major:</b>	<b>Units</b>
MLTT 201 Clinical Chemistry and Urinalysis .....	4
MLTT 202 Clinical Hematology and Immunology .....	4
MLTT 203 Clinical Microbiology <b>or</b>	
BIOL 205 General Microbiology .....	4-5
<b>Total Units =</b>	<b>12-13</b>