

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:

Administration of Justice

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

Fire Protection Technology

Deactivation of eleven courses at Miramar College. (**Attachment B1-B3**)

Homeland Security

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

Microsoft

Deactivation of a courses at Mesa College. (**Attachment D**)

Microsoft

Deactivation of a courses at City College. (**Attachment E**)

Nursing Education

Adoption of four new courses at City College. (**Attachment F1-F2**)

Architecture

Adoption of a revised program at Mesa College. (**Attachment G**)

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 a new course at Miramar College.

Proposed new course at Miramar College:

**361S Continuing Professional Training for  
Sheriff Deputies  
8 - 16 hours lecture, 10 - 30 hours lab, 0.5 units  
Grade Only**

*Prerequisite:* Administration of Justice 323 with a grade of "C" or better, or equivalent S.T.C. Certified Correctional Officer Core Course Academy or

Administration of Justice 381, Administration of Justice 382, Administration of Justice 383 and Administration of Justice 384 each with a grade of "C" or better, or equivalent.

This course provides advanced technical skill and proficiency training for practicing Sheriff's deputies, including detention supervisors and correctional officers. Topics include the use of force, less-lethal munitions, driving techniques, and firearms. This course meets the requirements of Peace Officer Standards & Training (POST), Title 15, Minimum Standards of Training for Local Corrections and Probation Officers (STC) and the California Legislature requiring special technical and skill proficiency training as specified in Section 13510, 6030-6043 of the California Penal Code and SB-924. This course may be repeated as necessary to meet a legally mandated training requirement as a condition of continued or volunteer employment. (FT) Not applicable to the Associate Degree.

## Fire Protection Technology

### ACTION

Adoption of eleven course deactivations at Miramar College.

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

#### **113 Fire Mechanics**

**48 - 54 hours lecture, 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:* This course is not open to students with previous credit for FIRE 156 or FIPT 156.

This course introduces students to the mechanics of fire apparatus. Topics include fire pumpers, aerial devices, and support equipment and vehicles. The course emphasizes the operation of vehicle components including preventive maintenance, troubleshooting, and minor repairs. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

#### **114A Shipboard Fire Control**

**8 - 45 hours lecture, 24 - 27 hours lab, 1-3 units  
Letter Grade or Pass/No Pass Option**

*Advisory:* Fire Protection Technology 101 with a grade of "C" or better, or equivalent or Administration of Justice 101 with a grade of "C" or better, or equivalent and English 48 and English 49 each with a grade of "C" or better, or equivalent or Assessment Skill Level R5 and W5. This course satisfies requirements for the San Diego Harbor Police Marine firefighting basic course. \par Topics include fire chemistry and fire science, marina fire environment, fire equipment and extrication tools, the use of self-contained breathing apparatus, search and rescue operations, portable fire extinguishers, fire boat familiarization and operations, use of foam and light water, and strategy and tactics, \par including live fire training evolutions. Students who take the course for 3 units complete all the learning objectives; those who take the course for 1 unit practice only the manipulative skills objectives. This course may be repeated as necessary to meet a legally mandated training requirement as a condition of continued or volunteer employment. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

#### **164 Marine Firefighting**

**8 - 9 hours lecture, 24 - 27 hours lab, 1 units  
Grade Only**

*Limitation on Enrollment:* Special Admission - must be admitted to program. Agency Sponsorship.

This 40 hour California Department of Boating and Waterways course involves lecture and manipulative training designed to give the student firsthand knowledge of the hazards of marine fire fighting. The students receive the basic information from lectures and the experience of actual conditions from fighting fires under controlled conditions. To be eligible for this class, students must pass the San Diego Regional Lifeguard Training Program, and be employed as an ocean lifeguard or equivalent. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

#### **205 Public Education I**

**32 - 36 hours lecture, 2 units  
Grade Only**

*Limitation on Enrollment:* This course is not open to students with previous credit for FIRE 251 or FIPT 251.

This is a State Fire Marshal course with the key topics being systematic planning process for public education; use of CFIRS to analyze local fire problems; communication skills; program evaluation; working with the media; integrating programs into school; gaining community support; fire safety for children; interviewing and counseling juvenile fire setters; creating and using audio/visual resources; and idea and resource sharing. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

## Fire Protection Technology

**247 Refresher, Rescue Systems I**  
**4 - 4.5 hours lecture, 12 - 13.5 hours lab, 0.5**  
**units**  
**Grade Only**

*Prerequisite:* Fire Protection Technology 243 with a grade of "C" or better, or equivalent. This 16 hour course enables students who have taken Rescue Systems I to review and update information pertaining to rescue operations which often follow earthquakes, flooding, and other large scale emergencies. The review of the hands-on operation of specialized rigging systems, rescue drills and saws, working in confined spaces, and the removal of victims is required to maintain a suitable skill level. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**253 Heavy Rescue Instructor Training**  
**16 - 18 hours lecture, 24 - 27 hours lab, 1.5**  
**units**  
**Grade Only**

*Prerequisite:* Fire Protection Technology 243 with a grade of "C" or better, or equivalent.  
*Limitation on Enrollment:* This course is not open to students with previous credit for FIRE 253. This is a training course for the training of instructors to teach courses at a Heavy Rescue Facility as typified by the Miramar College facility at Camp Elliott. This specialized training includes the normal techniques of instruction as well as methods to simulate unusual situations encountered following earthquakes, flooding, and other large scale emergencies. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**255 Instructor Orientation, State Fire Marshal**  
**8 - 9 hours lecture, 0.5 units**  
**Grade Only**

*Limitation on Enrollment:* This course is not open to students with previous credit for FIRE 255 or 265: Instructor Orientation, State Fire Marshal. This course is mandatory for instructors' eligibility to teach California Fire Marshal courses in community colleges. The instructor orientation is designed to prepare instructors to deliver the following Level 1 regional programs: Fire Command 1A & B, Fire Investigation 1A & 1B, Fire Management 1, Fire Prevention 1A, 1B & 1C, Driver Operator 1A & 1B, and Public Education 1. Topics of discussion include overview of CFSTES, instructor accreditation requirements, how to set up and return course paperwork, certification tracts, instructor responsibilities and curriculum development. Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**301M C.D.F. Company Officer Academy**  
**28 - 31.5 hours lecture, 12 - 13.5 hours lab, 2**  
**units**  
**Grade Only**

*Limitation on Enrollment:* Special Admission - must be admitted to program. This course is designed for California Department of Forestry personnel from Firefighter to Unit Chief. This course meets State and federal guidelines for recertification of various skills. It also incorporates those requirements for OSHA and CALOSHA regarding safety and documentation. This course is designed to help refresh employees in various subject material such as: Hazardous Materials, Equal Employment Opportunity, Fire Tactics and Strategy, Environmental Hazards, Administration, Accountability, Incident Command System, Emergency Medical Care, and Rescue. This course may be repeated as necessary to meet a legally mandated training requirement as a condition of employment or volunteer employment. (FT) Associate Degree Credit only and not Transferable.

**304A Train the Trainer, Confined Space Operations**

**8 - 9 hours lecture, 0.5 units  
Grade Only**

*Prerequisite:* Fire Protection Technology 308A with a grade of "C" or better, or equivalent. A 32 hour course to prepare "Confined Space" trained personnel to instruct others in "Confined Space Operations." Instructional methods, demonstration procedures, operational safety factors, development of training scenarios, instructional resource use and management, motivational strategies, evaluation methods, and requirements for record keeping will be included in the course to meet the recommendations of the California State Fire Marshal's curriculum and the United States Urban Rescue Teams of the United States Fire Administration. (FT) Associate Degree Credit only and not Transferable.

**310K Basic Air Operations S-270**

**16 - 18 hours lecture, 1 units  
Grade Only**

This 16-hour course is designed to meet the training needs for personnel who may be exposed to any aircraft. Emphasis is placed on the basic knowledge the student needs to function safely around aircraft used in fire suppression. This course is required training for those personnel serving at the single resource boss level and higher in the operations section under the Incident Command System (ICS). Basic Air Operations was developed under the direction of the National Wildfire Coordination Group (NWCG) and meets all the requirements as prescribed by the National Interagency Incident Management System (NIIMS). (FT) Associate Degree Credit only and not Transferable.

**310N Intermediate Air Operations S-370**

**32 - 36 hours lecture, 2 units  
Grade Only**

This is a 32-hour course to meet the training needs of personnel who may be exposed to any aircraft. Emphasis is placed on the intermediate knowledge the student needs to function safely around aircraft used in fire suppression. This course is required training for those personnel serving at the single resource boss level and higher in the operations section under the Incident Command system (ICS). Intermediate Air Operations was developed under the direction of the National Wildfire Coordination Group (NWCG) and meets all requirements as prescribed by the National Interagency Incident Management System (NIMS). (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a new course at Miramar College.

Proposed new course at Miramar College:

**110 Intelligence Analysis and Security  
Management**

**48 - 54 hours lecture, 3 units  
Grade Only**

*Advisory:* English 48 and English 48 each with a grade of "C" or better, or equivalent or Assessment Skill Level R5 and W5.

This course introduces students to the topic of intelligence analysis and its relationship to the security management of terrorist attacks and other threats. Students examine the structure and operation of the U.S. intelligence community and the use of intelligence in national decision-making. Other topics include intelligence support of Homeland Security measures, counterintelligence, accountability and civil liberties, and intelligence activities of other governments. This course is intended for students employed or seeking employment with the Department of Homeland Security as well as anyone interested in the role \par of intelligence agencies in U.S. government. (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 (no longer at any college):

**134 Implementing, Managing, and  
Maintaining Network Infrastructure I  
8 - 9 hours lecture, 48 - 54 hours lab, 1.5 units  
Letter Grade or Pass/No Pass Option**

*Prerequisite:* Microsoft 130 and Microsoft 132 each with a grade of "C" or better, or equivalent. This course is the first part of the Microsoft Implementing, Managing, and Maintaining a Microsoft Server Network Infrastructure series and provides students with the knowledge and skills necessary to configure, manage, and troubleshoot a Windows Server network infrastructure. The students learn to implement routing; plan, implement, manage, and maintain Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), and Software Update Services (SUS); implement security, and implement a network access infrastructure through various techniques. This course follows the Microsoft Official Curriculum (MOC) and it is intended to prepare students to take the Microsoft's Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure (Network Services) component of the Microsoft Certified Systems Engineer(MCSE) certification exam (Microsoft Exam # 70-291). This course may be taken three times with new technologies. (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 (no longer at any college):

**138 Planning, Implementing, and Maintaining  
a Microsoft Windows Server Active Directory  
Infrastructure  
8 - 9 hours lecture, 48 - 54 hours lab, 1.5 units  
Letter Grade or Pass/No Pass Option**

*Prerequisite:* Microsoft 130 with a grade of "C" or better, or equivalent & Microsoft 132 with a grade of "C" or better, or equivalent.

This course is one of the core courses covering Microsoft's Active Directory Services (ADS) and is required for the Microsoft Certified Systems Engineer (MCSE) Certification. The students work with a current version of Microsoft's Windows Server Active Directory. This course provides students with hands-on practice in planning, implementing, and maintaining forests, sites, domains, and organizational units (OU) while following industry standards. This course follows the Microsoft Official Curriculum (MOC). It is intended to prepare students to take the Microsoft's Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure Certification Exam (Microsoft exam 70-294) that is required for the MCSE certification. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

## Nursing Education

### ACTION

Adoption of four new courses at City College.

Proposed new courses at City College:

**235 LVN to RN Transition**  
**24 - 27 hours lecture, 24 - 27 hours lab, 2 units**  
**Grade Only**

*Prerequisite:* Biology 205, Biology 230, and Biology 235 each with a grade of "C" or better, or equivalent.

*Advisory:* English 101 with a grade of "C" or better, or equivalent or Assessment Skill Level W6 and R6. Mathematics 96 with a grade of "C" or better, or equivalent or Assessment Skill Level M50.

*Limitation on Enrollment:* This course is not open to students with previous credit for NRSE 201. Special Admission - must be admitted to program.

This course focuses on the theory and application of the concepts of physical assessment, nursing process, critical thinking, disease processes and nursing competencies in the professional roles of clinician, teacher, leader and advocate. Emphasis is on assisting the Licensed Vocational Nurse (LVN) to integrate into the Associate Degree Nursing program. This course is offered to students accepted into the LVN to Registered Nurse (RN) step up program. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**241 Pharmacology for Nursing V**  
**16 - 18 hours lecture, 1 units**  
**Pass/No Pass**

*Corequisite:* Mathematics 96 or Assessment Skill Level M50. Completion of or concurrent enrollment in NRSE 240.

*Limitation on Enrollment:* Special Admission - must be admitted to program.

This course is an elective supplement to NRSE 240, Medical Surgical Nursing III. Emphasis is placed on drug categories and medications introduced in NRSE 240, used in treatment of acute Medical/Surgical pathologies. A nursing process approach to the principles of medication administration and dosage calculation is included. This course is offered to students enrolled in the Associate of Science Degree in Nursing program. Associate Degree Credit & transfer to CSU and/or private colleges and universities.

Nursing Education

**242 Mental Health & Gerontological Nursing**  
**36 - 40.5 hours lecture, 108 - 121.5 hours lab,**  
**4.5 units**  
**Grade Only**

*Prerequisite:* Nursing Education 144, Nursing Education 146 and Nursing Education 235 each with a grade of "C" or better, or equivalent.

*Limitation on Enrollment:* This course is not open to students with previous credit for NRSE 203. Special Admission - must be admitted to program.

This course is an introduction to Mental Health/Psychiatric and Gerontological Nursing using the nursing process to promote psychosocial and physiological integrity. Emphasis is on therapeutic interaction and communication, bio-psychosocial rehabilitation and therapeutic use of self. Clinical experiences provide opportunities for students to participate in therapeutic activities in a variety of settings. The student also explores interventions to increase the client's functional abilities with emphasis on lifestyle and physical changes. This course is offered to students enrolled in the second year of the Associate of Science Degree in Nursing program. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

**243 Pharmacology for Nursing VI**  
**16 - 18 hours lecture, 1 units**  
**Pass/No Pass**

*Corequisite:* Nursing Education 235.

Completion of or current enrollment in NRSE 242.

*Limitation on Enrollment:* Special Admission - must be admitted to program.

This course is an elective supplement to NRSE 242, Mental Health and Gerontological Nursing. Emphasis is placed on drug categories and medications introduced in NRSE 242, used in psychiatric/mental health and gerontological environments. A nursing process approach to the principles of medication administration and dosage calculation is included. This course is offered to students enrolled in the Associate of Science Degree in Nursing program. Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a revised program at Mesa College.

Proposed revised program at Mesa College:

**Certificate of Performance  
Landscape Architecture Technician**

<b>Courses Required for the Major:</b>	<b>Units</b>
ARCH 105 Introduction to AutoCAD .....	2
ARCH 106 Advanced Computer Aided Drafting I .....	3
<u>ARCH 235 Plants and Design .....</u>	<u>5</u>
ARCH 250 Site Engineering .....	4
<b>Total Units = 9</b>	<b>14</b>

**Certificate of Achievement  
Landscape Architecture Technician**

<b>Courses Required for the Major:</b>	<b>Units</b>
ARCH 100 Architectural Drafting .....	2
ARCH 105 Introduction to AutoCAD .....	2
ARCH 135 Tree Identification .....	3
ARCH 136 Shrubs, Vines, Groundcover Identification .....	3
ARCH 155 Environmental Design I: Creating Exterior Spaces .....	5
ARCH 190 Environmental Design II: Urban and Community Design .....	5
ARCH 220 Graphic Design Communication I .....	2
<u>ARCH 235 Plants and Design .....</u>	<u>5</u>
ARCH 250 Site Engineering .....	4
<b>Total Units = 26</b>	<b>31</b>

**Associate in Science Degree  
Landscape Architecture Technician**

<b>Courses Required for the Major:</b>	<b>Units</b>
ARCH 100 Architectural Drafting .....	2
ARCH 105 Introduction to AutoCAD .....	2
ARCH 135 Tree Identification .....	3
ARCH 136 Shrubs, Vines, Groundcover Identification .....	3
ARCH 155 Environmental Design I: Creating Exterior Spaces .....	5
ARCH 190 Environmental Design II: Urban and Community Design .....	5
ARCH 220 Graphic Design Communication I .....	2
<u>ARCH 235 Plants and Design .....</u>	<u>5</u>
ARCH 250 Site Engineering .....	4
<b>Total Units = 26</b>	<b>31</b>

**Certificate of Performance  
Garden Design**

<b>Courses Required for the Major:</b>	<b>Units</b>
ARCH 135 Tree Identification .....	3
ARCH 136 Shrubs, Vines, Groundcover Identification .....	3
ARCH 155 Environmental Design I: Creating Exterior Spaces .....	5
<del>ARCH 190 Environmental Design II: Urban and Community Design .....</del>	<del>5</del>
<u>ARCH 235 Plants and Design .....</u>	<u>5</u>
<b>Total Units = 16</b>	

**Certificate of Achievement  
Landscape Architecture Transfer**

<b>Courses Required for the Major:</b>	<b>Units</b>
ARCH 100 Architectural Drafting .....	2
ARCH 135 Tree Identification .....	3
ARCH 136 Shrubs, Vines, Groundcover Identification .....	3
<del>ARCH 170 Architectural Design .....</del>	<del>4</del>
ARCH 155 Environmental Design I: Creating Exterior Spaces .....	5
ARCH 190 Environmental Design II: Urban and Community Design .....	5
ARCH 220 Graphic Design Communication I .....	2
ARCH 221 Graphic Design Communication II .....	2
<u>ARCH 230 Sustainability in the Built Environment .....</u>	<u>5</u>
ARCH 250 Site Engineering .....	4
<b>Total Units = 30</b>	<b>27</b>

**Associate in Science Degree  
Landscape Architecture Transfer**

<b>Courses Required for the Major:</b>	<b>Units</b>
ARCH 100 Architectural Drafting .....	2
ARCH 135 Tree Identification .....	3
ARCH 136 Shrubs, Vines, Groundcover Identification .....	3
<del>ARCH 170 Architectural Design .....</del>	<del>4</del>
ARCH 155 Environmental Design I: Creating Exterior Spaces .....	5
ARCH 190 Environmental Design II: Urban and Community Design .....	5
ARCH 220 Graphic Design Communication I .....	2
ARCH 221 Graphic Design Communication II .....	2
<u>ARCH 230 Sustainability in the Built Environment .....</u>	<u>5</u>
ARCH 250 Site Engineering .....	4
<b>Total Units = 30</b>	<b>27</b>