

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 course deactivation at Miramar College. (**Attachment A**)

Administration of Justice

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

Art-Fine Art

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

Engineering

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

Work Experience

Adoption of a course deactivation at Mesa and Miramar College.
(**Attachment E**)

Computer Business Technology

Adoption of a new program at City College. (**Attachment F1-F2**)

Manufacturing Engineering Technology

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

Radiologic Technology

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

2. Cost and Funding

There is no additional cost to the District.

Otto Lee
Vice Chancellor
Instructional Services

C. PROPOSAL

The Board of Trustees hereby grants authority to take the action outlined in Part A.

ACTION

Adoption of a course deactivation at Miramar College.

Proposed course deactivation at Miramar College (no longer active at any college):

361 Current Issues for Advanced Officers
8-45 hours lecture, .5-2.5 units
Grade Only

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

This course is designed for peace officers, correctional personnel below the rank of middle management and military personnel. It meets the requirements of P.O.S.T., 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. Course work includes subjects such as new legislation and legal update, special technical subjects addressing social issues and skill proficiency training in emergency medical techniques, vehicle operations, firearms and defensive tactics, pre-assignment jail training officer issues, jail management, jail operations, inmate disturbances, advanced training for detention supervisors and advanced correctional officer issues. 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 only and not Transferable.

ACTION

Adoption of a new course at Miramar College.

Proposed new course at Miramar College:

361R Regional Officer Training
8-24 hours lecture, 8-23 hours lab, .5 unit
Grade Only

Prerequisite: Administration of Justice 323 with a grade of "C" or better, or equivalent, or Standards and Training for Corrections Certified Correctional Officer Core Course Academy; or Administration of Justice 384 with a grade of "C" or better, or equivalent, or Basic P.O.S.T. Certified Academy; or Administration of Justice 385 with a grade of "C" or better, or equivalent, or military law enforcement specialist training program.

This course is designed for peace officers, correctional personnel below the rank of middle management and military law enforcement personnel. It meets the requirements of P.O.S.T., Title 15, Minimum Standards of Training for Local Corrections and Probation Officers (S.T.C.) 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. Topics include new legislation and legal updates; emergency medical techniques; skill proficiency training in vehicle operations, firearms, and defensive tactics; and the application of law enforcement policy to typical public safety situations. Other topics related to the continued proficiency of law enforcement personnel may also be addressed. 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.

ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College (no longer active at any college):

280 Studio Lab

48-54 hours lab, 1 unit

Letter Grade or Pass/No Pass Option

An expansion of the lecture/lab course. Emphasis is given to reinforcement of technical skills and aesthetic understanding introduced in these courses. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

Engineering

ACTION

Adoption of two new courses at City College.

Proposed new courses at City College:

50B Robotics Team Project Development II
16-18 hours lecture, 24-27 hours lab, 1.5 units
Pass/No Pass

Limitation on Enrollment: This course is not open to students with previous credit for Engineering 265A: Building Educational Bridges through Robotics Competitions.

This introductory course addresses the knowledge, skills and activities needed to organize, promote and manage the construction phase of a robotics competition team. Team building and collaborative learning are stressed. State-of-the-art computer software, employing pedagogically developed graphical command boxes, is used to develop effective, easy to use and understand programs to control the robots. This course is intended for students with an interest in robotics who need to gain experience as members of an engineering team constructing a new design. This course may be taken 3 times with new technology, and new projects. (FT) Associate Degree Credit only and not Transferable.

50C Building Educational Bridges Through Robotics Competitions Testing and Competing
16-18 hours lecture, 24-27 hours lab, 1.5 units
Pass/No Pass

Limitation on Enrollment: This course is not open to students with previous credit for Engineering 265A: Building Educational Bridges through Robotics Competitions.

This introductory course addresses the knowledge, skills and activities needed to organize, promote, and manage the testing and competition phases of a robotics competition team. Team efficiency and collaborative learning are stressed. State-of-the-art computer software, employing pedagogically developed graphical command boxes, is used to develop effective, easy to use and understand programs to control the robots. This course is intended for students with an interest in robotics who need to gain experience as members of an engineering team testing and deploying a new design. This course may be taken 3 times with new technology, and new projects. (FT) Associate Degree Credit only and not Transferable.

Work Experience

ACTION

Adoption of a course deactivation at Mesa and Miramar College.

Proposed course deactivation at Mesa and Miramar College (no longer active at any college):

274 Occupational Work Experience
60-600 hours other, 1-8 units
Grade Only

This course consists of a program of on-the-job learning experiences which enables the student to attend college full-time one semester and work full-time the following semester. Student must be in a paid or non-paid on-the-job learning situation related to the student's educational or occupational goal. The combined maximum credit for all work experience courses from all disciplines may not exceed 16 units. Associate Degree Credit & transfer to CSU and/or private colleges and universities.

Computer Business Technology

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

- A. Labor Market Information¹: The annual average number of persons employed in the Administrative Office Management program area is 230,090 in San Diego County in the 2006 Employment year. Approximately 245,540 new job openings are projected through 2016.
 - B. Duplication²: None.
 - C. Effectiveness³: Program Area OR the projected enrollment 60 students for the 20010-2011 year in a New Program area.
1. Information was obtained from California Labor Market Info at www.edd.ca.gov
 2. Information was obtained from the following consulting with other schools.
 3. Information was obtained from current enrollment in CBTE 210 and CBTE 211 for 2009-2010 school year.

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Certificate of Performance
 Word Processing Basics**

Courses Required for the Major:	Units
CBTE 101 Keyboarding for Computers or	
CBTE 95 Keyboarding/Typing Speed Development	1
CBTE 114 Introduction to Microsoft Windows	1
CBTE 120 Beginning Microsoft Word	2
CBTE 122 Intermediate Microsoft Word	3
Total Units = 7	

**Certificate of Achievement
 Administrative Office Management**

Courses Required for the Major:	Units
CBTE 101 Keyboarding for Computers or	
CBTE 95 Keyboarding/Typing Speed Development	1
CBTE 114 Introduction to Microsoft Windows	1
CBTE 161 Learning the Internet	1
CBTE 164 Introduction to Microsoft Outlook	1
CBTE 180 Microsoft Office	3
CBTE 205 Records Management or	
CBTE 210 Computers in Business	3
CBTE 211 Office Administration	3
ACCT 150 Computer Accounting Applications	3
BUSE 101 Business Mathematics	3
BUSE 119 Business Communications	3
BUSE 150 Human Relations in Business	3
BUSE 155 Managing the Small Business	3
Total Units = 28	

**Associate in Science
Administrative Office Management**

Courses Required for the Major:	Units
CBTE 101 Keyboarding for Computers or	
CBTE 95 Keyboarding/Typing Speed Development	1
CBTE 114 Introduction to Microsoft Windows	1
CBTE 161 Learning the Internet	1
CBTE 164 Introduction to Microsoft Outlook	1
CBTE 180 Microsoft Office	3
CBTE 200 Office Telecommunications	2
CBTE 205 Records Management	3
CBTE 210 Computers in Business or	
CBTE 211 Office Administration	3
ACCT 150 Computer Accounting Applications	3
BUSE 101 Business Mathematics	3
BUSE 119 Business Communications	3
BUSE 150 Human Relations in Business	3
BUSE 155 Managing the Small Business	3
Total Units =	30

Manufacturing Engineering Technology

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

Lean Six Sigma Program

- A. Labor Market Information¹: The annual average number of persons employed in the Lean Six Sigma program area is 5130 in San Diego County in the 2006 Employment year. Approximately 1663 new job openings are projected through 2016.
- B. Duplication²: UCSD (no other area community colleges)
- C. Effectiveness³: Program Area OR the projected enrollment 60 students for the 2010-2011 year in a New Program area.

- 1. Information was obtained from California Labor Market Info at www.edd.ca.gov
- 2. Information was obtained from the following consulting with institutional catalogues; university website.
- 3. Information was obtained from current enrollment numbers for the 2009-2010 school year.

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Certificate of Performance
Lean Six Sigma**

Courses Required for the Major:	Units
MFET 210 Statistical Process Control	3
MFET 230 Lean Manufacturing	3
MFET 240 Six Sigma and Lean Implementation	3
	Total Units = 9

Radiologic Technology

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Certificate of Achievement
Radiologic Technology**

Program Prerequisites:	Units
BIOL 160 Elements of Human Anatomy and Physiology	4
ENGL 101 Reading and Composition.....	3
MATH 46 Elementary Algebra and Geometry	5
CISC 150 Introduction to Computer and Information Sciences or	
CISC 181 Principles of Information Systems	3-4
PSYC 111 Psychological/Social Aspects of Aging, Death and Dying or	
PSYC 101 General Psychology or	
MEDA 102 Human Behavior for Allied Health Students	3
Courses Required for the Major:	Units
RADT 105 Basic Radiologic Technology	3
RADT 110 Recording Media and Processing	2
RADT 120A Radiographic Exposure	2
RADT 120B Radiographic Exposure Laboratory	1
RADT 130 Patient Care	2
RADT 199 Radiographic Positioning I	2
RADT 200 Radiographic Positioning II	2
RADT 211 Radiographic Positioning III	2
RADT 220 Radiographic Technique	3
RADT 230 Radiologic Science	2
RADT 240 Radiation Biology	1
RADT 241 Sectional Anatomy	1
RADT 242 Organization of Radiology	1
RADT 243 CT and MRI Imaging	4
RADT 244 CT and MRI Imaging	3
RADT 251A Directed Clinical Practice	3
RADT 251B Directed Clinical Practice	4
RADT 251C Directed Clinical Practice	3
RADT 252A Directed Clinical Practice	5
RADT 252B Directed Clinical Practice	5
RADT 253A Directed Clinical Practice	5
RADT 253B Directed Clinical Practice	5
Total Units = 53	

**Associate in Science Degree
Radiologic Technology**

Program Prerequisites:	Units
BIOL 160 Elements of Human Anatomy and Physiology....	4
ENGL 101 Reading and Composition	3
MATH 46 Elementary Algebra and Geometry.....	5
CISC 150 Introduction to Computer and Information Sciences or	
CISC 181 Principles of Information Systems.....	3-4
PSYC 111 Psychological/Social Aspects of Aging, Death and Dying or	
PSYC 101 General Psychology or	
MEDA 102 Human Behavior for Allied Health Students	3
Courses Required for the Major:	Units
RADT 105 Basic Radiologic Technology	3
RADT 110 Recording Media and Processing	2
RADT 120A Radiographic Exposure	2
RADT 120B Radiographic Exposure Laboratory	1
RADT 130 Patient Care	2
RADT 199 Radiographic Positioning I	2
RADT 200 Radiographic Positioning II	2
RADT 211 Radiographic Positioning III	2
RADT 220 Radiographic Technique	3
RADT 230 Radiologic Science	2
RADT 240 Radiation Biology	1
RADT 241 Sectional Anatomy	1
RADT 242 Organization of Radiology	1
RADT 243 CT and MRI Imaging	4
RADT 244 CT and MRI Imaging	3
RADT 251A Directed Clinical Practice	3
RADT 251B Directed Clinical Practice	4
RADT 251C Directed Clinical Practice	3
RADT 252A Directed Clinical Practice	5
RADT 252B Directed Clinical Practice	5
RADT 253A Directed Clinical Practice	5
RADT 253B Directed Clinical Practice	5
Total Units = 53	