

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:

Adult Basic Education

Adoption of four new courses at Continuing Education. (**Attachment A**)

Air Conditioning, Refrigeration, and Environmental Control Technology

Adoption of a course deactivation at City College. (**Attachment B**)

Automotive Technology

Adoption of a new course at Continuing Education. (**Attachment C**)

Dental Assisting

Adoption of seven course deactivations at Mesa College.

(**Attachment D1-D2**)

Pipefitting

Adoption of three course deactivations at City College. (**Attachment E**)

Adult Basic Education

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

Art-Fine Art

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

Automotive Technician

Adoption of a program revision at Continuing Education. (**Attachment H**)

Cosmetology

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

Future Studies

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

Otto Lee
Vice Chancellor
Instructional Services

Human Services

Adoption of a program deactivation at City College. (**Attachment K**)

Mechanical Design Technology

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

Psychology

Adoption of a new program at Mesa College. (**Attachment M**)

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.

Adult Basic Education

ACTION

Adoption of four new courses at Continuing Education.

Proposed new courses at Continuing Education:

441 Basic Education, Language Arts, Beginning Level

This course introduces and reviews language arts basic skills at the beginning level (0-3.9). The focus is on reading, language arts, communication, and critical thinking needed to function in society. Upon completion and demonstration of competence, students may continue basic skill instruction at the intermediate level (4.0-8.9) or enroll in a vocational training class. (FT)

442 Basic Education, Language Arts, Intermediate Level

Advisory: Basic Education, Language Arts, Beginning Level

This course introduces and reviews basic skills at the intermediate level (4.0-8.9) in the areas of reading, spelling, writing, communication, and critical thinking needed to function in society. Upon completion and demonstration of competence, students may continue GED preparation, complete high school or complete job training. (FT)

443 Basic Education, Math Beginning Level

This course introduces and reviews basic math skills at the beginning level (0-3.9), including critical thinking needed to function in society. Upon completion and demonstration of competence, students may continue basic skills instruction at the intermediate level (4.0-8.9) or enroll in a vocational training class. (FT)

444 Basic Education, Math, Intermediate Level

Advisory: Basic Education, Math Beginning Level

This course introduces and reviews basic math skills at the intermediate level (4.0-8.9), including critical thinking needed to function in society. Upon completion and demonstration of competence, students may continue basic skill instruction at the GED level or enroll in a vocational training class. (FT)

ACTION

Adoption of a course deactivation at City College.

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

**198 Computer Applications in Air
Conditioning, Refrigeration, Environmental
Control Technology**
32-36 hours lecture, 48-54 hours lab, 3 units
Grade Only

Limitation on Enrollment: This course is not open to students with previous credit for Environmental Control Tech 198. Presentation of computer applications in Air Conditioning, Refrigeration, Environmental Control Technology as required for employment in local business and industry. Instruction will be on a specific software and hardware as currently used in Air Conditioning, Refrigeration, Environmental Control. Specific software and hardware will be announced for each course section, each semester. (FT) Associate Degree Credit only and not Transferable.

ACTION

Adoption of a new course at Continuing Education.

Proposed new course at Continuing Education:

507B Advanced Driveability & Performance

Advisory: Completion of AUTO 507A recommended.

This course prepares students for basic entry level employment as a driveability and performance technician. Topics include analysis, diagnosis and troubleshooting techniques required to repair computer controlled automotive engine management systems; basic scan tool usage and interpretation; exhaust gas analysis and other related areas. This course will prepare the student for the ASE 8 certification examination. (FT)

Dental Assisting

ACTION

Adoption of seven course deactivation at Mesa College.

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

131 Clinical Business Management
16-18 hours lecture, 24-27 hours lab, 1.5 units
Grade Only

Prerequisite: Dental Assisting 102, 104, 106, 116, 122 and 128L, each with a grade of "C" or better, or equivalent.

Corequisite: Dental Assisting 161 and Dental Assisting 185B.

Limitation on Enrollment: This course is not open to students with previous credit for Dental Assisting 130.

This course presents the role of the chairside assistant in clinical record keeping, including the charting of existing conditions and treatment planning. The course includes the use of computers in maintaining recall system, inventory control, accounts payable management, aging receivables, appointment scheduling, marketing systems, and insurance claims processing. Gaining and maintaining employment is also covered in the course. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

161 Intermediate Dental Assisting
32-36 hours lecture, 2 units
Grade Only

Prerequisite: Dental Assisting 116, 122 and 186A, each with a grade of "C" or better, or equivalent.

Corequisite: Dental Assisting 131, 161L and 185B.

Limitation on Enrollment: This course is not open to students with previous credit for Dental Assisting 160.

This course presents the role of the chairside dental assistant in specialty areas such as pediatric dentistry, oral and maxillofacial surgery, and fixed and removable prosthodontic practice. Principles of time, motion, and work simplification are presented. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

161L Intermediate Dental Assisting Lab
48-54 hours lab, 1 unit
Grade Only

Prerequisite: Dental Assisting 116, 116L, 122, 122L and 186A, each with a grade of "C" or better, or equivalent.

Corequisite: Dental Assisting 131, 161 and 185B.

Limitation on Enrollment: This course is not open to students with previous credit for Dental Assisting 160.

This laboratory course presents the practical application of chairside and laboratory techniques in assisting in the specialty areas of fixed and removable prosthodontics, oral and maxillofacial surgery, and pediatric dentistry practice. Laboratory practice includes developing skills in constructing provisional crowns and bridges for direct and indirect application, use and care of specialized instruments, and preparation of impression materials. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

181 Advanced Dental Assisting
32-36 hours lecture, 2 units
Grade Only

Prerequisite: Dental Assisting 161, 161L and 185B, each with a grade of "C" or better, or equivalent.

Corequisite: Dental Assisting 181L and 185D.

Limitation on Enrollment: This course is not open to students with previous credit for Dental Assisting 180.

This course presents the role of the chairside dental assistant in the specialty areas of periodontia, orthodontia, and endodontia. After completing the course, students are prepared to take the California State Registered Dental Assistant (RDA) and National Certified Dental Assistant (CDA) written examinations. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

181L Advanced Dental Assisting Lab
96-108 hours lab, 2 units
Grade Only

Prerequisite: Dental Assisting 161, 161L and 185B, each with a grade of "C" or better, or equivalent.

Corequisite: Dental Assisting 181 and 185D.

Limitation on Enrollment: This course is not open to students with previous credit for Dental Assisting 180.

This course allows the student to perform procedures of the chairside dental assistant in the specialty areas of periodontia, orthodontia, and endodontia. Students develop the skills that prepare them to take the California State Registered Dental Assistant (RDA) practical and written examinations and the National Certified Dental Assistant (CDA) written examination. The laboratory practice includes mouth mirror inspection, use of intra-oral camera, recording findings, taking impressions for study casts, bite registration, intra-oral and facial measurements, placement of isolation dams, matrices, liners bases and temporary restorations, and coronal polish techniques. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

185B Directed Clinical Practice
75 hours other, 1 unit
Grade Only

Prerequisite: Dental Assisting 116, 116L, 122, 122L and 186A, each with a grade of "C" or better, or equivalent.

Corequisite: Dental Assisting 161 and 161L.

Limitation on Enrollment: This course is not open to students with previous credit for Dental Assisting 185.

This course requires supervised clinical practice in a private dental office or clinic. Students are assigned duties delegated to the dental assistant and put into practice duties learned in current and previous dental assisting laboratory courses. These duties include preparation of laboratory, impression, and restorative materials, and chairside assisting with fixed and removable prosthetic procedures. Supervision of the student is shared by the staff of the affiliating institution and the college faculty. The directed clinical practice is coordinated by a member of the college staff. Associate Degree Credit & transfer to CSU and/or private colleges and universities.

185D Directed Clinical Practice
75 hours other, 1 unit
Grade Only

Prerequisite: Dental Assisting 161, 161L and 185B, each with a grade of "C" or better, or equivalent.

Corequisite: Dental Assisting 181 and 181L.

Limitation on Enrollment: This course is not open to students with previous credit for Dental Assisting 185.

Directed clinical practice is conducted in a private dental office or clinic. Students are assigned duties learned in prerequisite and corequisite courses. These duties include general chairside assisting procedures such as taking impressions, applying fluoride, assisting with nitrous oxide and performing mouth-mirror inspection and charting. Also, included in the course are duties of the Registered Dental Assistant such as placing and removing post-extraction dressings, removing sutures, placing and removing temporary crowns, and performing coronal polishing procedures. Supervision of the student is shared by the staff of the affiliating institution and the college faculty. The directed clinical practice is coordinated by a member of the college staff. Associate Degree Credit & transfer to CSU and/or private colleges and universities.

Pipefitting

ACTION

Adoption of three course deactivations at City College.

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

80 Introduction To Pipefitting
32-36 hours lecture, 48-54 hours lab, 3 units
Grade Only

Advisory: Plumbing (Construction Trades) 65B with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Pipefitting (Construction Trades) 325.

Limitation on Enrollment: To receive credit a student must complete a minimum of seven units during the semester, including work experience. Concurrent enrollment in seven units of credit (must include related Pipefitting Trade option and may include work experience credit) for a fall or spring semester and/or one other class during a summer session.

This course is designed to give the Pipefitting student an introduction to blueprint drawings and detail sheets; piping systems, standards and specifications; and trade math. This course also includes advanced blueprint reading and trade math as well as motorized equipment and aboveground pipe installation. (FT) Associate Degree Credit only and not Transferable.

85 Intermediate Pipefitting
32-36 hours lecture, 48-54 hours lab, 3 units
Grade Only

Prerequisite: Pipefitting (Construction Trades) 80 or 325, with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Pipefitting (Construction Trades) 330.

This course is designed to give the Pipefitting Apprentice student instruction in pipe hangers and supports, identifying and installing valves, field routing and vessel trim, spring can supports, planning work activities and performing non-destructive examination testing. (FT) Associate Degree Credit only and not Transferable.

90 Advanced Pipefitting
32-36 hours lecture, 48-54 hours lab, 3 units
Grade Only

Prerequisite: Pipefitting (Construction Trades) 85 or 330, with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Pipefitting (Construction Trades) 335.

This course is designed to give the Pipefitting Apprentice student instruction in advanced pipe fabrication, aligning pipe to rotating equipment, steam traps, in-line specialties, special piping, hot taps and maintaining valves. (FT) Associate Degree Credit only and not Transferable.

ACTION

Adoption of a program revision at Continuing Education.

Proposed program revision at Continuing Education:

**Certificate of Completion:
Elementary Basic Skills Program**

**The Following Courses Must Be Taken to Complete
the Program.**

ABED 402 Basic Education

ABED 430 Pre-Vocational Abe

ABED 441 Basic Education, Language Arts, Beginning
Level

ABED 442 Basic Education, Language Arts,
Intermediate Level

ABED 443 Basic Education, Math, Beginning Level

ABED 444 Basic Education, Math, Intermediate Level

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Associate in Arts Degree
Art-Fine Art
Art History Emphasis**

Courses Required for the Major:	Units
<u>ARTF 107 Contemporary Art</u>	<u>3</u>
<u>ARTF 109 History of Modern Art</u>	<u>3</u>
ARTF 110 Art History: Prehistoric to Gothic	3
ARTF 111 Art History: Renaissance to Modern	3
<u>ARTF 113 African, Oceanic, and Native American Art 3</u>	<u>3</u>
<u>ARTF 125 Art History: Arts of the Asian Continent ...3</u>	<u>3</u>
ARTF 150A Two-Dimensional Design	3
ARTF 150B Beginning Graphic Design	3
ARTF 151 Three-Dimensional Design	3
ARTF 155A Freehand Drawing I	3

Complete the Requirements for the Art History Emphasis:

<u>ARTF 110 Art History: Prehistoric to Gothic or</u>	<u>3</u>
<u>ARTF 111 Art History: Renaissance to Modern</u>	<u>3</u>
<u>ARTF 113 African, Oceanic, and Native American Art 3</u>	<u>3</u>

Select Three Courses From:

<u>ARTF 107 Contemporary Art</u>	<u>3</u>
<u>ARTF 109 Nineteenth and Twentieth Century Art</u>	<u>3</u>
ARTF 115 African Art	3
ARTF 120 Native American Indian Art	3
<u>ARTF 161A Museum Studies/Gallery Exhibition Skills I</u>	<u>3</u>
ARTF 165A Composition in Painting I	3
ARTF 175A Sculpture I	3
<u>ARTF 191 Cultural Influences on Photography</u>	<u>3</u>
<u>ARTF 194 Critical Photography</u>	<u>3</u>
ARTF 195A Ceramics I	3
ARTF 210A Life Drawing I	3
ARTF 231 Introduction to Digital Art	3
<u>BLAS 110 Afro-American Art</u>	<u>3</u>
<u>CHIC 230 Chicano Art</u>	<u>3</u>

Total Units = ~~30~~ 36

**Associate in Arts Degree
Art-Fine Art
Museum Studies Emphasis**

Courses Required for the Major:	Units
<u>ARTF 107 Contemporary Art.....</u>	<u>3</u>
<u>ARTF 109 History of Modern Art or</u>	<u>3</u>
ARTF 110 Art History: Prehistoric to Gothic or	3
ARTF 111 Art History: Renaissance to Modern	3
ARTF 150A Two-Dimensional Design	3
ARTF 150B Beginning Graphic Design	3
ARTF 151 Three-Dimensional Design	3
ARTF 155A Freehand Drawing I	3

Complete The Requirements For The Museum Studies Emphasis:

<u>ARTF 152 Color Theory or</u>	<u>3</u>
<u>ARTF 231 Introduction to Digital Art</u>	<u>3</u>
ARTF 161A Museum Studies/Gallery Exhibition Skills I ...3	3
ARTF 161B Museum Studies/Gallery Exhibition Skills II ..3	3
ARTF 163 Art Museum/Gallery Internship	4
<u>ARTF 280E Museum Studies Lab</u>	<u>1</u>

Select Two Courses One Course From:

<u>ARTF 107 Contemporary Art</u>	<u>3</u>
<u>ARTF 109 Nineteenth and Twentieth Century Art</u>	<u>3</u>
<u>ARTF 110 Art History: Prehistoric to Gothic</u>	<u>3</u>
<u>ARTF 111 Art History: Renaissance to Modern</u>	<u>3</u>
<u>ARTF 113 African, Oceanic, and Native American Art 3</u>	<u>3</u>
ARTF 115 African Art	3
ARTF 120 Native American Indian Art	3
<u>ARTF 125 History of Art: Far Eastern Art</u>	<u>3</u>
<u>ARTF 165A Composition in Painting I</u>	<u>3</u>
<u>ARTF 175A Sculpture I</u>	<u>3</u>
<u>ARTF 195A Ceramics I</u>	<u>3</u>
<u>ARTF 210A Life Drawing I</u>	<u>3</u>
<u>BLAS 110 Afro-American Art</u>	<u>3</u>
<u>CHIC 230 Chicano Art</u>	<u>3</u>

Total Units =~~31~~ 35

Automotive Technician

ACTION

Adoption of a revised program at Continuing Education.

Proposed program revision at Continuing Education:

**Certificate of Completion:
Automotive Technician Program**

**The Following Courses Must Be Taken to Complete
the Program.**

AUTO 507 Automotive Technician

AUTO 507A Engine/Electrical/Performance

AUTO 507B Advanced Driveability & Performance

Cosmetology

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

- A. Labor Market Information¹: The annual average number of persons employed in the Cosmetology Esthetician program area is 8,270 in San Diego County in the 2006 Employment year. Approximately 9,740 new job openings are projected through 2016.
- B. Duplication²: None.
- C. Effectiveness³: Program Area OR the projected enrollment 125 students for the 2010-2011 year in a New Program area.
 - 1. Information was obtained from the California Employment Development Department, Labor Market Information Division.
 - 2. Information was obtained from the San Diego and Imperial Counties Regional Consortium.
 - 3. Information was obtained from the City College Cosmetology Department.

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Certificate of Achievement
Esthetician**

Courses Required for the Major:	Units
COSM 055 Introductory Esthetician	2.5
COSM 055L Introductory Esthetician Lab	6.5
COSM 065 Advanced Esthetician	2.5
COSM 065L Advanced Esthetician Lab	6.5
Total Units =	18

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

**Certificate of Performance
Futures Studies Certificate**

Courses Required for the Major:	Units
FUTR 101 Introduction to Futures Studies	3
ANTH 103 Introduction to Cultural Anthropology	3
SOCO 223 Globalization and Social Change	3
POLI 103 Comparative Politics	3
CISC 181 Principles of Information Systems	4
FUTR 277C Service Learning—Community: Futures Studies	1
	Total Units = 17

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivation at City College:

**Certificate of Performance
Health and Human Services Aide**

Courses Required for the Major:	Units
HUMS 100 Public Assistance and Benefits Program	1
HUMS 110 Social Work Fields of Service	3
HUMS 120 Introduction to Social Work	3
HUMS 115 Human Services Internship or	
HUMS 125 Health Services Fields of Practice	3
Total Units = 10	

**Associate in Arts
Health and Human Services
Alcohol and Other Drugs Track**

Courses Required for the Major:	Units
HUMS 100 Public Assistance and Benefits Program	1
HUMS 110 Social Work Fields of Service	3
HUMS 120 Introduction to Social Work	3
HUMS 115 Human Services Internship or	
HUMS 270 Work Experience	3 4
HEAL 101 Health and Life Style	3
PSYC 101 General Psychology	3
SOCO 101 Principles of Sociology	3
AODS 158 Chemical Dependency Family Counseling Techniques	3
PSYC 135 Marriage and Family Relations or	
CHIL 141 The Child, Family and Community	3
Complete the Following Additional Courses Required For the Major:	
AODS 150 Introduction to Chemical Dependency	3
AODS 156 Chemical Dependency Case Management	3
Total Units = 31-32	

**Associate in Arts Degree
Human Services
Early Childhood Track**

Courses Required for the Major:	Units
HUMS 100 Public Assistance and Benefits Program	1
HUMS 110 Social Work Fields of Service	3
HUMS 120 Introduction to Social Work	3
HUMS 115 Human Services Internship or	
HUMS 270 Work Experience	3 4
HEAL 101 Health and Life Style	3
PSYC 101 General Psychology	3
SOCO 101 Principles of Sociology	3
AODS 158 Chemical Dependency Family Counseling Techniques	3
PSYC 135 Marriage and Family Relations or	
CHIL 141 The Child, Family and Community	3
Complete the Following Additional Courses Required For the Major:	
CHIL 101 Human Growth and Development	3
CHIL 141 The Child, Family and Community or	
CHIL 270 Work Experience	3 4
Total Units = 31-33	

Mechanical Design Technology

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

- A. Labor Market Information¹: The annual average number of persons employed in the Mechanical Design Technology program area is 2,950 in San Diego County in the 2006 Employment year. Approximately 340 new job openings are projected through 2016.
- B. Duplication²: Mira Costa Community College.
- C. Effectiveness³: Program Area OR the projected enrollment 151 students for the 2010-2011 year in a New Program area.
1. Information was obtained from the California Employment Development Department, Labor Market Information Division.
 2. Information was obtained from the Mira Costa Community College 2009-2010 Genreal Catalog.
 3. Information was obtained from the City College Mechanical Engineering Technology Department.

ACTION

Adoption of a new program at City College.

Proposed new program at City College:

Certificate of Performance Advanced Mechanical Design

Courses Required for the Major:	Units
ENGN 220, Component Design.....	3
MACT 160M, Introduction to CAD/CAM.....	4
MFET 115, Properties of Materials.....	3
Total Units = 10	

Certificate of Performance Mechanical Design

Courses Required for the Major:	Units
ENGE 108, Dimensioning and Tolerancing.....	3
ENGE 151, Engineering Drawing.....	2
ENGN 110, Science for Technical Applications.....	4
MACT 150, Intro/Computer Num Control (CNC) and Elec Dis Mach.....	4
Total Units = 13	

Associate in Science Degree Mechanical Design Technology

Courses Required for the Major:	Units
ENGE 108, Dimensioning and Tolerancing.....	3
ENGE 151, Engineering Drawing.....	2
ENGE 152, Engineering Design.....	3
ENGN 110, Science for Technical Applications.....	4
ENGN 200, Applied Mechanics.....	3
ENGN 220, Component Design.....	3
ENGN 225, Product Development.....	3
MACT 150, Intro/Computer Num Control (CNC) and Elec Dis Mach.....	4
MACT 160M, Introduction to CAD/CAM.....	4
MATH 098, Technical Intermediate Algebra and Geometry OR MATH 096, Intermediate Algebra and Geometry.....	4-5
MATH 104, Trigonometry.....	3
MFET 115, Properties of Materials.....	3
MFET 120, Manufacturing Processes.....	4
TEHW 101, Introduction to Technical Writing.....	3
Total Units = 43-47	

Psychology

Pursuant to Section 78016 of the Education Code, the following is a program review summary:
Mental Health Advocate/Aide Program

- A. Labor Market Information¹: The annual average number of persons employed in the Mental Health Advocate/Aide program area is 2,280 in San Diego County in the 2006 Employment year. Approximately 2,590 new job openings are projected through 2016.
- B. Duplication²: None.
- 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 <http://www.labormarketinfo.edd.ca.gov>.
 - 2. Information was obtained from the ARRA Grant San Diego Workforce Partnership Agreement.
 - 3. Information was obtained from the ARRA Grant San Diego Workforce Partnership Agreement.

ACTION

Adoption of a new program at Mesa College.

Proposed new program at Mesa College:

**Certificate of Achievement
Mental Health Advocate/Aide**

Courses Required for the Major:	Units
PERG 140 Life Skills and Personal Adjustment	1-3
PSYC 101 General Psychology	3
PSYC 112 Interpersonal Relations	3
PSYC 125 Introduction to Behavior Modification	3
PSYC 155 Introduction to Personality	3
PSYC 161 Introduction to Counseling	3
PSYC 245 Abnormal Psychology	3
PSYC 276 Field Work in Psychological Services	3
Total Units =	22-24