



SAN DIEGO COMMUNITY COLLEGE DISTRICT

CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • CONTINUING EDUCATION

Board of Trustees Meeting Date: 11/14/2019

The following curriculum changes are proposed for the San Diego Community College District for City College, Mesa College, Miramar College, or Continuing Education. There is no additional cost to the District.

New Programs

San Diego City College

1. Green Building Energy Professional, Certificate of Achievement

The Certificate of Achievement in Green Building Energy Professional provides students with a whole systems approach to construction and building operations that minimizes the large impact that our built environment has on our environment, as well as the benefits of zero-net energy design and construction. The pathway includes preparation for various industry-recognized certifications pertaining to the HVAC/R and energy industries

The Energy and Geo-Environmental Engineering (EGEE) Program offers a comprehensive study of various resources that power the modern society. The EGEE Program course of study promotes accelerating clean technology innovation as well as adopting sustainable business practices for the benefit of the economy and the environment. Particular focus is directed toward basic understanding and appreciation of energy and environmental concepts and interconnectedness. The EGEE Program offers a series of complementary certificates that may be used for job placement and advancement in the field. When combined with the appropriate general education and graduation requirements, an EGEE Program certificate leads to an Associate in Science degree that may be used for advanced job placement in the field.

Justification:

Upon completion of the Energy and Geo-Environmental Engineering (EGEE) program students will be able to promote and accelerate clean technology innovation and adopt sustainable business practices for the benefit of the economy and the environment. Students will be prepared for job placement and advancement in the field.



Labor Market Information:

Employment Outlook for HVAC Occupations (San Diego & Imperial Counties)

Occupation	2016 Jobs	2021 Jobs	5-Yr Change	5-Yr % Change	5-year Openings	Annual Openings
Plumbers, Pipefitters, and Steamfitters	4,538	5,111	573	13%	898	180
First-line Supervisors of Mechanics, Installers and Repairers	3,265	3,469	204	6%	543	109
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,171	2,559	388	18%	574	115
Total	9,974	11,139	1,165	12%	2,015	403

Source: Centers of Excellence, <http://coeccc.net>

2. Green Building Energy Professional, Associate of Science

The Associate of Science in Green Building Energy Professional provides students with a whole systems approach to construction and building operations that minimizes the large impact that our built environment has on our environment, as well as the benefits of zero-net energy design and construction. The pathway includes preparation for various industry-recognized certifications pertaining to the HVAC/R and energy industries.

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Justification:

Upon completion of the Energy and Geo-Environmental Engineering (EGEE) program students will be able to promote and accelerate clean technology innovation and adopt sustainable business practices for the benefit of the economy and the environment. Students will be prepared for job placement and advancement in the field.



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San Diego Mesa College

1. Music Theory, Certificate of Achievement

The academic program in Music is designed to provide students with the sequenced fundamental skills for most musical pursuits for a transfer to a 4 year degree with a major in Music Performance (Classical or Jazz), non-performing music major or those seeking a career in the music industry.

Justification:

New Certificate of Achievement will replace the Certificate of Performance in Music Theory.



Program Deactivations

San Diego City College

1. Public Administration, Associate of Arts

Justification: It is no longer in a student's best interest to receive this degree for transfer to SDSU.

San Diego Mesa College

1. Liberal Arts and Science: Art Studies-Music, Associate of Arts

Justification: Deactivation due to low completion rate. A new non-performance AA is being created to replace this degree.

2. Music Composition, Certificate of Performance

Justification: Deactivation due to replacement with Certificate of Achievement.

3. Music Technology, Certificate of Performance

Justification: Deactivation due to replacement with Certificate of Achievement.

4. Music Theory, Certificate of Performance

Justification: Deactivation due to lack of supporting Music Theory workforce training data.



Program Revisions

San Diego City College

1. Political Science Associate in Arts for Transfer

Changes

- i. Remove POLI 101/103//140, PSYC 258, MATH 119, ACCT 116A, ANTH 103, BUSE 104, ECON 120/121, ENGL 105/205, HIST 101/105/106, and PEAC 102 from Restricted Electives.
- ii. Add POLI 101/103/140/201 and MATH 119 to Courses Required for the Major.
- iii. Add POLI 121/124 and PADM 200 to Restricted Electives.

San Diego Mesa College

1. Chemistry Associate of Science

Changes

- i. Remove CHEM 251 from Courses Required for the Major.
- ii. Add MATH 150/151/252 to Courses Required for the Major.
- iii. Remove MATH 141/150/151/252 from Restricted Electives.
- iv. Add CHEM 251/233/233L to Restricted Electives.

2. English, Associate in Arts for Transfer

Changes

- i. Remove AMSL 115/116/215/216, CHIN 101/102/201/202, FREN 101/102/201/202, GERM 101/102/201, ITAL 101/102/201, JAPN 101/102/201/202, LATI 101/102/201, RUSS 101/102/201, SPAN 101/102/201/202/215/216, TAGA 101/102/201, and VIET 101/102/201 from Restricted Electives.
- ii. Add "Completion of a language course other than English which is articulated as fulfilling CSUGE-B Area C2, including American Sign Language (AMSL) courses" statement to Restricted Electives.

3. Fine Art: Digital Art, Associate of Arts

Changes

- i. Remove MULT 100 from Courses Required for Emphasis.
- ii. Add ARTF 161A to Courses Required for Emphasis.
- iii. Remove MULT 150 from Restricted Electives.
- iv. Add MULT 100 to Restricted Electives.



4. Geographic Information Systems Associate of Science

Changes

- i. Add GISG 104 to Courses Required for the Major.
- ii. Remove ANTH 115 from Restricted Electives.

5. History Associate in Arts for Transfer

Changes

- i. Remove AMSL 115/116/215, CHIN 101/102/201, FREN 101/102/201, GERM 101/102/201, ITAL 101/102/201, JAPN 101/102/201, LATI 101/102/201, RUSS 101/102/201, SPAN 101/102/201, TAGA 101, and VIET 101/102/201 from Restricted Electives.
- ii. Add “Completion of a language course other than English which is articulated as fulfilling CSUGE-B Area C2, including American Sign Language (AMSL) courses” statement to Restricted Electives.
- iii. Add HIST 205 to Restricted Electives.

6. Liberal Arts and Sciences: Social and Behavioral Sciences-History Associate of Arts

Changes

- i. Add HIST 131/132/141/142 to Courses Required for the Major.
- ii. Remove CHIC 110B to Restricted Electives.
- iii. Add CHIC 414A, and HIST 130/154/175/205 to Restricted Electives.

7. Philosophy Associate in Arts for Transfer

Changes

- i. Remove AMSL 115/116/215/216, CHIN 101/102/201/202, FREN 101/102/201/202, GERM 101/102/201, ITAL 101/102/201, JAPN 101/102/201/202, LATI 101/102/201, RUSS 101/102/201, SPAN 101/102/201/202/215/216, TAGA 101/102/201, and VIET 101/102/201 from Restricted Electives.
- ii. Add “Completion of a language course other than English which is articulated as fulfilling CSUGE-B Area C2, including American Sign Language (AMSL) courses” statement to Restricted Electives.
- iii. Add PHIL 105/131/205 to Restricted Electives.

San Diego Continuing Education

1. Secondary Education Completion Program, Certificate of Completion

Changes

- i. Remove INTD 501 from courses required to complete Program.



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New Courses

Units

San Diego Mesa College

EXSC 110A—Surfing I	0.5-1 Unit
EXSC 110B—Surfing II	0.5-1 Unit
EXSC 110C—Surfing III	0.5-1 Unit
EXSC 110D—Surfing IV	0.5-1 Unit
EXSC 116A—Stand Up Paddle Boarding	1 Unit
EXSC 116B—Kayaking	1 Unit

San Diego Miramar College

FIPT 381P—Firefighter I Test Preparation and Fire Control 3	1 Unit
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Course Deactivations

Justification: The following courses are no longer offered at the college.

San Diego City College

MATH 42—Fundamentals of Mathematics	3 Units
MATH 43—Algebra for Math Placement	3 Units

San Diego Mesa College

CHEM 161—Techniques in Biochemistry	2 Units
CHEM 255— Inside the Pharmaceutical Industry	3 Units