



SAN DIEGO COMMUNITY COLLEGE DISTRICT

CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • CONTINUING EDUCATION

Board of Trustees Meeting Date: 12/19/2019

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. **C++ Certificate of Achievement**

The Certificate of Achievement in C++ prepares students for entry-level employment in the field of Information Technology. The emphasis of the Certificate of Achievement in C++ is designed to provide students with training in the theory and practice of computer programming emphasizing business and computer applications using C++. Students receive hands-on experience in the fundamentals of structured- and object-oriented analysis, design, and implementation using the computer programming language C++.

Justification:

Students who successfully complete the Certificate of Achievement in C++ will be able to effectively design and implement programming constructs, including functions, control structures, arrays/lists, classes, and objects for a given programming problem; and effectively implement the appropriate data structures using the principles and techniques of object-oriented programming for a given programming problem.

Labor Market Information:

Occupational Projection of Employment 2014 – 2024 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Software Developers, Applications (SOC 15-1132)	9730	12240	2510	25.8%	390
Software Developers, Systems Software (SOC 15-1133)	7530	9160	1630	21.6%	271
Computer Programmers (SOC 15-1131)	3670	3740	70	1.9%	96
Web Developers (SOC 15-1134)	2120	2920	800	37.7%	107

Source: <http://www.labormarketinfo.edd.ca.gov>



San Diego Mesa College

1. Health and Wellness Coaching Certificate of Achievement

The Certificate of Achievement in Health and Wellness Coaching gives students the skills to improve the health of individuals and groups through interventions in behavior change, nutrition, and physical activity. Program graduates will facilitate healthy lifestyle change in multiple sectors of the allied health field. This certification is intended for those working or planning to work as health coaches, personal trainers, registered dietitians, registered nurses, physicians, physical therapists, physician assistants, physical therapy assistants and others who work in the allied health field.

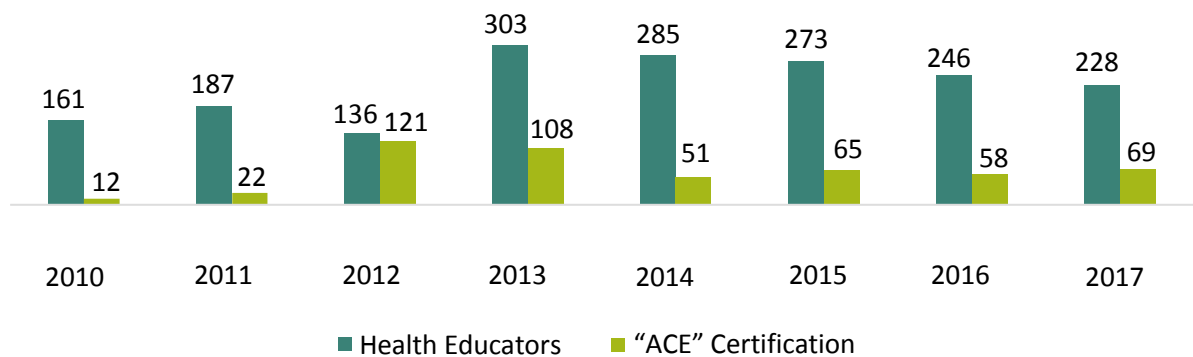
Justification:

As the health and wellness industry continues to expand, there is a need for individuals who understand the principles of behavioral modification to improve individual and population level health. This certificate positions students at the forefront of an expanding health and wellness industry. Students who successfully complete the program can use the skills learned to work as a health and wellness coach in a variety of setting, including: hospital, insurance, private company, or entrepreneurial.

Labor Market Information:

Emerging Occupation

Number of Online Job Postings for *Health Educators* in San Diego County (2010-2017)



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



San Diego Miramar College

1. 300-Hour Registered Yoga Teacher Certificate of Achievement

This certificate prepares students to meet the requirements for the 300-Hour Registered Yoga Teacher (RYT) certification through Yoga Alliance. This advanced training builds upon and deepens the trainee’s understanding of the fundamental concepts of the practice and teaching of yoga that are taught in the 200-hour certification. Specifically, this training enhances the trainee’s ability to evaluate and analyze various levels of yoga classes (beginning through advanced), while obtaining essential and advanced yoga principles.

Justification:

Students who successfully complete this program meet the requirements to become a 500-hour Registered Yoga Teacher (RYT) with Yoga Alliance. The advanced training within this program provides students with skills that build upon and deepen the trainee's understanding of fundamental concepts of teaching yoga obtained in the 200-hour certification. Students can use the advanced skills learned in health clubs, spas, yoga studios, and throughout the entire health and fitness industry. This program also serves as a foundation piece to create their personal yoga business and/or yoga studio.

Labor Market Information:

Occupational Projection of Employment 2018 – 2023 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Fitness Trainers and Aerobics Instructors (SOC 39-9031)	5,098	5,765	667	13%	1,006

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



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Program Deactivations

San Diego Mesa College

- 1. Diagnostic Medical Sonography Associate of Science**
Justification: This degree was never offered.
- 2. Diagnostic Medical Sonography Certificate of Achievement**
Justification: This certificate was never offered.



Program Revisions

San Diego City College

1. Anthropology Associate in Arts for Transfer

Changes

- i. Remove ANTH 215 from Restricted Electives

2. English Associate in Arts for Transfer

Changes

- i. Remove AMSL 115/116/215/216, ARAB 101/102, CHIC 130, ENGL 101/105/210/211/215/216/220/221/240/245A/245B/247A/252A/252B, FREN 101/102/201/202, GERM 101/102/201, ITAL 101/102/20, RUSS 101, and SPAN 101/102/201/202/215/216 from Restricted Electives.

3. History Associate in Arts for Transfer

Changes

- i. Remove AMSL 115/116/215/216, BLAS 145A/145B, ECON 120/121, FREN 101/102/201/202, GEOG 102, GERM 101/102/201, ITAL 101/102/201, POLI 102/103/140, and SPAN 101/102/201/202/215/216 from Restricted Electives.

4. Journalism Associate in Arts for Transfer

Changes

- i. Remove AMSL 115/116, COMS 103/135/170, ECON 121, DJRN 205/211/215, ENGL 205, MATH 119, PSYC 258, PHOT 100/102/105, PHIL 100/101/205, POLI 101/103, and RTVF 100/110/160 from Restricted Electives.
- ii. Add DJRN 205/211 to Courses Required for the Major.

5. Philosophy Associate in Arts for Transfer

Changes

- i. Add PHIL 104A/104B to Courses Required for the Major.
- ii. Add PHIL 100/101/102A/102B/131 to Restricted Electives.
- iii. Remove AMSL 116/215/216, ARAB 102/201A, ENGL 105/205, HIST 105/106, HUMA 101/102/103/106/201, ITAL 102/201, SPAN 102/201/215 from Restricted Electives.

6. Political Science Associate in Arts for Transfer

Changes

- i. Remove POLI 124 from Restricted Electives.

7. Sustainability Associate of Arts

Changes

- i. Remove BUSE 115, MATH 115/119, PHIL 101, PSYC 258, and SOCO 223, from Courses Required for the Major.



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- ii. Add AGRI 102, BUSE 115, CHEM 111/111L, MATH 115/119, PEAC 101 PHIL 101/131, POLI 201, PSYC 258, and SOCO 223 to Restricted Electives.

8. Sustainable Urban Agriculture Associate of Science

Changes

- i. Remove BIOL 107 from Courses Required for the Major.
- ii. Add AGRI 107 to Courses Required for the Major.

9. Urban Gardening Certificate of Achievement

Changes

- ii. Add AGRI 107 to Restricted Electives.

San Diego Mesa College

1. Dance Certificate of Performance

Changes

- i. Add DANC 127 to Restricted Electives
- ii. Decrease Total Units Required from 17 Units to 15.5 Units

2. Geographic Information Systems Technician Certificate of Achievement

Changes

- i. Increase Total Units Required from 13-16 Units to 17-19 Units

3. Liberal Arts and Sciences: Social and Behavioral Sciences-Women's Studies Associate of Arts

Changes

- i. Add HIST 141/142, and WMNS 101 to Courses Required for the Major.
- ii. Remove PHIL 126 to Courses Required for the Major
- iii. Add ANTH 117, ARTF 108/188, BLAS 150/175. CHIC 170, ENGL 237, HIST 141/142, HUMA 210, POLI 123, and SOCO 125 to Restricted Electives.
- iv. Remove PSYCH 133 from Restricted Electives.

4. Neurodiagnostic Technology Associate of Science

Changes

- i. Decrease Total Units from 55 Units to 45 Units

5. Neurodiagnostic Technology Certificate of Achievement

Changes

- i. Decrease Total Units from 55 Units to 45



San Diego Miramar College

1. Entrepreneurship Associate of Science

Changes

- i. Remove EXSC 292 from Restricted Electives.
- ii. Add EXSC 292A to Restricted Electives.

2. Entrepreneurship Certificate of Achievement

Changes

- i. Remove EXSC 292 from Restricted Electives.
- ii. Add EXSC 292A to Restricted Electives.

3. Independent Business Ownership Certificate of Performance

Changes

- i. Remove EXSC 292 from Restricted Electives.
- ii. Add EXSC 292A to Restricted Electives.

4. 200-Hour Registered Yoga Teacher Certificate of Performance

Changes

- i. Remove EXSC 292/293/145A/145B/145C/145D from Courses Required for the Major.
- ii. Add EXSC 292A/292B to Courses Required for the Major.
- iii. Add EXSC 145A/145B/145C/145D to Restricted Electives.

5. Psychology Associate in Arts for Transfer

Changes

- i. Remove MATH 104/116/121/141/151, PHIL 100, PHYS 125/126, PSYC 211, and SOCO 101/110 from Restricted Electives.
- ii. Add PSYC 161/283 to Restricted Electives.



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New Courses	Units
<i>San Diego City College</i>	
CISC 183— Web Development with Ruby on Rails	4 Units
<i>San Diego Mesa College</i>	
EXSC 236A—Theories and Strategies of Beach Volleyball I	2 Units
EXSC 236B—Theories and Strategies of Beach Volleyball II	2 Units
EXSC 243A—Theories and Strategies of Water Polo I	2 Units
EXSC 243B—Theories and Strategies of Water Polo II	2 Units
EXSC 298—Applications of Health and Wellness Coaching	0.5-1Units
HEAL 103— Introduction to Public Health	3 Units
HEAL104— Public Health and Social Justice	3 Units
HEAL 107—Lifestyle Medicine for Health and Wellness	3 Units
<i>San Diego Miramar College</i>	
FIPT 322G—Open Water Rescuer - Basic	0.5 Units



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Course Deactivations

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

San Diego Mesa College

CBTE 207 —Advanced RIM Applications	3 Units
DMSG 100 —Sonography Physics and Instrumentation	3 Units
DMSG 100L—Sonography Physics and Instrumentation Laboratory	1 Units
DMSG 110 —Introduction to Sonography	3 Units
DMSG 130 —Sonography of Small Parts and Pathological Conditions	3.5 Units
DMSG 140 —Vascular Sonography	3 Units
DMSG 145 —Advanced Vascular Ultrasound	3 Units
DMSG 150 —Abdominal Sonography	4 Units
DMSG 160 —Obstetrics and Gynecological Sonography	4 Units
DMSG 175 —Quality Assurance and Quality Control in Sonography	2 Units
DMSG 185 —Sonography Overview	2 Units
DMSG 220 —Directed Clinical Practice I	6.5 Units
DMSG 225 —Directed Clinical Practice II	10.5 Units
DMSG 230 —Directed Clinical Practice III	3 Units
DMSG 235 —Directed Clinical Practice IV	13 Units

San Diego Miramar College

ENGL 265C — Accelerated English	2 Units
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