



Board of Trustees Meeting Date: 11/8/2018

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. Game Programming, Certificate of Performance

The Certificate of Performance in Game Programming is designed to provide students with training in in the theory and practice of computer programming emphasizing the design of software games. Students who successfully complete the Certificate of Performance in Game Programming will be able to effectively design and implement programming constructs, including functions, control structures, arrays/lists, classes, and objects for a given programming problem. Students will also be able to design and develop software games using modern programming tools, techniques, and architecture.

Justification:

The goal of the Certificate of Performance in Game Programming is to prepare students for entry-level employment in the field of Information Technology as computer game programmers.

Labor Market Information (Career Education only):

Table 1: Occupational Projection of Employment 2014 – 2024 in San Diego County

Table with 6 columns: Occupation, Employment (Estimated, Projected), Employment Change (Number, Percent), and Annual Avg Openings. Rows include Software Developers (Applications, Systems Software) and Computer Programmers.

Source: http://www.labormarketinfo.edd.ca.gov/cgi/databrowsing/occExplorerQSSelection.asp?

2. Aerobic Conditioning, Certificate of Performance

The Certificate of Performance in Aerobic Conditioning is designed for students interested in entry-level aerobic conditioning instruction. Emphasis is placed on theory and practice of aerobic conditioning techniques. Students learn the principles of aerobic conditioning and techniques required for proper instruction.



SAN DIEGO COMMUNITY COLLEGE DISTRICT

CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • CONTINUING EDUCATION

Justification:

To create a certificate in aerobic conditioning for those looking into the elementary practices of aerobic conditioning instruction. This certificate was requested from the industry advisory board.

Labor Market Information (Career Education only):

Table 2: Occupational Projection of Employment 2014 – 2024 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Fitness Trainers and Aerobic Instructors (SOC Code39-9031)	2,840	3,100	260	9.2	77

Source: <http://www.labormarketinfo.edd.ca.gov/cgi/databrowsing/occExplorerQSSelection.asp?>

3. Anaerobic Conditioning, Certificate of Performance

The Certificate of Performance in Anaerobic Conditioning is designed for students interested in entry-level anaerobic conditioning instruction. Emphasis is placed on theory and practice of anaerobic conditioning techniques. Students learn the principles of anaerobic conditioning and techniques required for proper instruction.

Justification:

To create a certificate in anaerobic conditioning for those looking into the elementary practices of anaerobic conditioning instruction. This certificate was requested from the industry advisory board.

Labor Market Information (Career Education only):

Table 3: Occupational Projection of Employment 2014 – 2024 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Fitness Trainers and Aerobic Instructors (SOC Code39-9031)	2,840	3,100	260	9.2	77

Source: <http://www.labormarketinfo.edd.ca.gov/cgi/databrowsing/occExplorerQSSelection.asp?>



Program Deactivations

San Diego Mesa College

- 1. Administrative Assistant, Certificate of Achievement**
Justification: The program goals overlap with the Business Information Worker I, Certificate of Achievement.
- 2. Chemistry Technician, Certificate of Achievement Degree**
Justification: Low demand for program
- 3. Chemistry Technician, Associate of Science Degree**
Justification: Low demand for program

Program Revisions

San Diego Mesa College

- 1. Fashion Merchandising, Associate of Science Degree**
Changes
 - i. Add FASH 109 and FASH 111 to Restricted Electives

San Diego City College

- 2. Spanish, Associate of Arts Degree**
Changes
 - i. Add CHIC 141A, CHIC 141B, SPAN 215, and SPAN 216 to Courses Required for the Major.