



SAN DIEGO COMMUNITY COLLEGE DISTRICT

CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • COLLEGE OF CONTINUING EDUCATION

Board of Trustees Meeting Date: 7/22/2021

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

New Programs

San Diego City College

1. Business Administration 2.0, Associate in Science for Transfer

The Associate in Science in Business Administration 2.0 for Transfer Degree is intended for students who plan to complete a bachelor's degree in Business Administration or a related major in the California State University (CSU) system. It is accepted by some but not all CSU campuses. Students who complete this degree and transfer to a participating CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree.

Justification:

New Business Administration 2.0, Associate in Science for Transfer to be in compliance with CCCCO Memorandum ESS 21-300-004

San Diego Mesa College

1. Business Administration 2.0, Associate in Science for Transfer

The Associate in Science in Business Administration for Transfer Degree 2.0 is intended for students who plan to complete a bachelor's degree in Business Administration or a related major in the California State University (CSU) system. It is accepted by some but not all CSU campuses. Students who complete this degree and transfer to a participating CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree.

Justification:

New Business Administration 2.0, Associate in Science for Transfer to be in compliance with CCCCO Memorandum ESS 21-300-004

San Diego Miramar College

1. Business Administration 2.0, Associate in Science for Transfer

The Associate in Science in Business Administration 2.0 for Transfer degree is intended for students who plan to complete a bachelor's degree in Business Administration or a related major in the California State University (CSU) system. Students who complete



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this degree and transfer to a participating CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor’s degree.

Justification:

New Business Administration 2.0, Associate in Science for Transfer to be in compliance with CCCCO Memorandum ESS 21-300-004

San Diego College of Continuing Education

1. Full-Stack Web Developer, Certificate of Completion

MongoDB, Express, React and Node, also known as the MERN stack, are a popular combination for building modern full-stack web applications. Companies such as Uber, Lyft, Coinbase, Accenture, Netflix, Pinterest, and more leverage these technologies to build fast, efficient, and scalable solutions that can handle the massive amounts of transactions on their platforms every day. In this program, the student will be introduced to full-stack web development with the MERN stack. The student will learn the JavaScript programming language and how to use it to build data-driven web applications using React and Node, work with data using MongoDB and Express, and learn to test, secure, and deploy applications. This program also covers many other complementary tools and technologies. Upon completion of this program a student is prepared for a career in web application development, software development and/or systems software development.

Justification:

The Full-Stack Web Developer program teaches students how to use next generation development tools and programming languages to build modern applications that are efficient and scalable. Students learn the technologies that modern companies such as Airbnb, Dropbox, Google, Pinterest, YouTube, Netflix, and more are also using.

Labor Market Information:

San Diego Occupational Projection of Employment 2018 – 2023

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Software Developers, Applications (SOC 15-1132)	10,958	12,553	1,595	14.6%	1,067
Software Developers, Systems Software (SOC 15-1133)	8,602	9,107	505	5.9%	660
Web Developers (SOC: 15-1134)	2,648	2,893	245	9.3%	242

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



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New Courses

San Diego College of Continuing Education

COMP 690— Web Programming: Javascript

COMP 691— NoSQL Document Databases

COMP 692— Building Restful Web APIs

COMP 693— Javascript Frameworks