SAN DIEGO COMMUNITY COLLEGE DISTRICT

CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • CONTINUING EDUCATION

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 Continuing Education

1. **ESL Multilevel Citizenship Program, Certificate of Completion**

   Description:
   The ESL Multilevel Citizenship Program develops students' English listening, speaking, reading and writing skills and knowledge of American History and Government for citizenship preparation. Instruction prepares students for successful completion of the naturalization process including the application for citizenship, the Citizenship History and Government test and the final United States Citizenship and Immigration Services (USCIS) interview. Upon completion of the requirements of the ESL Multilevel Citizenship Program, students will receive a program certificate and are prepared to complete all steps of the naturalization process and to participate in professional, educational and social settings.

   ***Justification*:** Students who successfully complete the program will be prepared to complete all steps of the naturalization process and to participate in professional, educational and social settings.

2. **Python and Databases Program, Certificate of Completion**

   Description:
   The Python and Databases Program prepares students with the knowledge and skills needed to build data driven applications. Students who successfully complete the program can use the skills learned in a variety of industries and jobs including web development, game development, network and system administration, cyber security, embedded programming, automation, and data science. This program also serves as a pathway to higher education, and as a foundation for additional training in information technology.

   ***Justification*:**
   Students who successfully complete the program can use the skills learned in a variety of industries and jobs including data science, embedded programming, game development, general software development, automation, cyber security, web development, and more. This program also serves as a foundation for additional training in information technology.

Labor Market Information (Career Education only):

Table 1: Occupational Projection of Employment 2017–2022 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Computer Systems Analysts (15-1121)	77,746	84,833	7,087	9%	33,195
Computer Network Support Specialists (SOC 15-1152)	20,045	22,121	2,076	10%	9,719

Source: http://coeccc.net/supply-and-demand.aspx

3. Python Program, Certificate of Completion

Description:
The Python Program provides students with the necessary knowledge and skills to program software using the Python programming language. Students who successfully complete the program can use the skills learned in a variety of industries and jobs including, network and system administration, cyber security, automation, embedded programming, and general software development. This program also serves as a foundation for additional training in web and game development.

***Justification*:**
Students who successfully complete the program can use the skills learned in a variety of industries and jobs including, network and system administration, cyber security, automation, embedded programming, and general software development. This program also serves as a foundation for additional training in web and game development.

Labor Market Information (Career Education only):

Table 2: Occupational Projection of Employment 2017–2022 in San Diego County

Occupation	Employment		Employment Change		Annual Avg Openings
	Estimated	Projected	Number	Percent	
Web Developers (SOC 15-1134)	27,721	30,808	13,243	11%	2,649
Network and Computer Systems Administrators (SOC 15-1142)	43,024	46,488	3,464	8%	3,468
Computer Network Support Specialists (SOC 15-1152)	20,045	22,121	2,076	10%	9,719

Source: http://coeccc.net/supply-and-demand.aspx

Program Deactivations

San Diego Mesa College

1. **Liberal Arts and Sciences: Language Arts and Humanities-Latin Associate of Arts**
   Justification: This degree is no longer offered.

2. **Liberal Arts and Sciences: Language Arts and Humanities-Tagalog Associate of Arts**
   Justification: This degree is no longer offered.

Program Revisions

San Diego Mesa College

1. **History Associate of Arts**
   Changes
   i.   Add HIST 205 to Restricted Electives Section

New Courses   Units

San Diego Mesa College

EXSC 244A— Theories and Strategies of Swimming and Diving I   2 Units
EXSC 244B —Theories and Strategies of Swimming and Diving II   2 Units

San Diego Continuing Education

COMP 660— PROGRAMMING WITH PYTHON I
COMP 661 —PROGRAMMING WITH PYTHON II
COMP 662 —PROGRAMMING DATABASES - PYTHON
INTD 500 —CAREER & COLLEGE READINESS