

PROGRAM APPROVAL APPLICATION
NEW or SUBSTANTIAL CHANGE or LOCALLY APPROVED
(This application may not exceed 3 pages)

Fill In Form

Website Development
Proposed Program Title

Spring 2017
Projected Program Start Date

Citrus College
College

Citrus CCD
District

Contact Information

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Voting Member

Dean; Curric, CTE, Cont. ED
Title

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Goal(s) of Program (Check all that apply):

- Career Technical Education (CTE) Transfer Other

Type of Program (Check all that apply):

- Certificate of Achievement 12-17 (or 17-27 quarter) units Certificate of Achievement 18+ semester (or 27+ quarter) units
 Associate of Science Degree Associate of Arts Degree

Reason for Approval Request (Check One):

- New Program Substantial Change Locally Approved

Program Information

0614.30 Recommended [Taxonomy of Program \(TOP\) Code](#)

_____ Units for Major-Degree

_____ Total Units for Degree

23.5 Required Units-Certificate

Written Form

1. Insert the description of the program as it will appear in the catalog. (See PCAH pp. 142 and 170)

The Website Development Certificate of Achievement is one of several certificate options available in the Information Technology and Information Systems (IT IS) program. The core competencies for this certificate include foundational skills in Information technology (ITIS 104-Information Technology, ITIS 107-Network Technology, and ITIS 115-Computer Information Systems) as well as foundational skills in computer programming (ITIS 141-Programming Fundamentals). These four foundational courses are also required in the other IT IS certificates. Students will advance from the core competencies to develop skills necessary in the field of web creation and design. This includes building dynamic and responsive web sites that can be delivered in a variety of formats such as computers, tablets, and smartphones.

Students completing this certificate will be equipped with the skills determined by employers as necessary for an entry level position in information technology such as a Computer User Support Specialist (SOC Code: 15-1151) or

Web Developer (SOC Code: 15-1134). During the program students will also have an opportunity to complete industry certifications from CompTIA, including A+ and Network+.

2. Provide a brief rationale for the program.

This is a new certificate of achievement developed in collaboration with industry, the LA ICT-DM DSN, and the ICT-DM SN. The coursework follows the ICT-DM statewide curriculum model for ICT. This certificate is one of two new certificates (Database Admin is the other) and will be one of three certificates that have a common core of coursework (our Information Technology certificate is a nonsubstantial change). These certificates will be housed in our revamped Information Technology/Information Systems program (formerly two separate programs: Information Technology and Computer Information Systems).

Certificate Learning Outcomes are:

1. Demonstrate proficiency in creating and editing a new Web site using web page development tools such as Adobe Dreamweaver[®] as well as the latest versions of HTML and CSS.
 2. Demonstrate proficiency in modifying and updating an existing Web site to make it more responsive and dynamic.
 3. Demonstrate proficiency in using JavaScript programming to create a more interactive Web page and site.
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3. Summarize the Labor Market Information (LMI) and employment outlook (including citation for the source of the data) for students exiting the program. (See PCAH pp. 85-88, 136, 147, 148, 165, 168, and 176)

Source

This certificate of achievement targets two occupations: Computer User Support Specialists (SOC 15-1151) and Web Developers (SOC 15-1134). The following LMI is for Los Angeles and Orange County and is pulled from EMSI (2016.2 – QCEW Employees, Non-QCEW Employees, and Self-Employed) using a three-year historical and a five-year projection (2013-2021).

Growth and Wages

While below the national average (20.2%), regional job growth across the two occupations is still predicted to be strong with a 13.9% change (4,606 jobs) projected. Additionally, regional median hourly earnings are higher than those earned nationally. Regional median wages are: \$29.27/hr. for web developers and \$25.57/hr. for computer user support specialists.

Occupational Supply and Demand

The unique job postings for these occupations have averaged over 4,000 postings per month for the past 12 months, an increase of 1000-1500 unique monthly postings from previous years. Moreover, the average monthly hires from January 2013 to March 2016 were 1,616. There are several programs (private and public) that may have provided regional completers in 2014 for these hires. These included Information Technology (CIP 11.0103), 552 completers; Computer and Informational Sciences, General (CIP 11.0101), 364 completers; Web Page, Digital Media (CIP 11.0801), 326 completions; Computer Support Specialist (CIP 11.1006), 64 completions; and Web/Multimedia Management and Webmaster (CIP 11.1004); 39 completions. The average number of monthly hires mentioned previously far outpaces the annual supply of workforce by regional programs indicating regional need is not being met. The addition of the Citrus College Web Development program is therefore warranted in the LA/OC region.

4. List similar programs at other colleges in the Los Angeles and Orange County Region which may be adversely impacted. (There is space for 10 listings, if you need more, please contact laocrc@rscdd.edu)

College	Program	Who You Contacted	Outcome of Contact
Coastline CC	Digital Media Foundations	Email Voting Mbr/Alt VM	No Response
Cypress CC	Database Mgmt/Web Dev	Email Voting Mbr/Alt VM	Supports
El Camino College	Web design/Database Mgt	Email Voting Mbr/Alt VM	No Response
Glendale CC	Web Development	Email Voting Mbr/Alt VM	No Response
Irvine Valley College	Web Authoring/Database	Email Voting Mbr/Alt VM	No Response
LA Pierce CC	Web Design	Email Voting Mbr/Alt VM	No Response
Long Beach CC	Database Mgmt	Email Voting Mbr/Alt VM	No Response
Mt. San Antonio	Database Mgmt	Email Voting Mbr/Alt VM	No Response
Saddleback CC	Web Developer	Email Voting Mbr/Alt VM	No Response
Santa Ana CC	Web Design	Email Voting Mbr/Alt VM	No Response
Santa Monica CC	Database App/Web Design	Email Voting Mbr/Alt VM	No Response
Santiago Canyon College	Database	Email Voting Mbr/Alt VM	No Response
West LA CC	Database Admin	Email Voting Mbr/Alt VM	No Response

5. List all courses required for program completion, including core requirements, restricted electives and prerequisites. (There is space for 20 listings, if you need more, please contact laocrc@rscdd.edu). (See PCAH pp. 143 and 171)

Students must complete the following ITIS core courses:			Units
ITIS104	Information Technology		4
ITIS107	Network Technology		4
ITIS115	Computer Information Systems		3.5
ITIS141	Programming Fundamentals		3
Plus complete three (3) of the following electives:			Units
ITIS119	Web Design Using HTML		3
ITIS150	Web Design with Dreamweaver		3
ITIS168	Designing Web Sites		3
BUS152	Business Communications		3
Total Units			23.5

6. Include any other information you would like to share.