

Merritt College

Computer Science and Information Systems Career Readiness

Overview

College	Merritt - Division II
Originator	Courtney Brown
Award Type	MC Certificate of Completion

Codes and Dates

State Approval Date	6/26/2020
Curriculum Committee Approval Date	3/12/2020
Board of Trustees Date	5/12/2020
Current Effective Date	1/01/2021
Program Control Number	39761
Top Code	0701.00* - Information Technology, General

Description

The Computer Science and Information Systems Career Readiness Certificate of Completion program prepares participants to present their technical qualifications to potential employers, and communicate technical topics to non-technical senior stakeholders. Employability skills include effective communication, and collaboration across interdisciplinary management teams. It equips the graduate to fulfill the role of a Technical Professional with specific expertise and authority in making recommendations and decisions. This includes instruction in conflict resolution, confidence building, time management, and problem solving.

Career Opportunities

This is a Career Preparatory program with high employment potential for the Software Developer, Information Systems Analyst, and DevOps workforce which aligns with the following occupations: Computer Systems Analysts (SOC 15-1121) Computer User Support Specialists (SOC 15-1151) Computer Network Support Specialists (SOC 15-1152) Computer and Information Systems Managers (SOC 11-3021) Computer Information Systems (TOP 0702.00*) Computer and Information Systems Security/Information Assurance (CIP 11.1003) Computer Occupations, All Other (SOC 15-1199):

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Communicate their technical qualifications to potential employers and align them with business goals.
 2. Use critical thinking skills to identify points of persuasion and facilitate concurrence in technical project decisions.
 3. Summarize successful and non-successful projects in terms of building and communicating their knowledge, skills, and values in preparation for next steps in their technical career.
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Degree Requirements:

Major Core Courses

Credit Hours: (0 Required)

Courses listed in recommended sequence of completion

CIS 520	and	Setting the Stage for Technical Work	0
CIS 521	and	Techniques and Language of Technical Communications	0
CIS 522	and	Conflict Resolution in Technical Collaboration	0
CIS 523	and	Time Management and Organization of Technical Projects	0
CIS 524	and	Job Evaluation and Self Assessment in Technology Careers	0
CIS 525	and	Resume Writing for Technical Careers	0
CIS 526	and	Preparing for the Technical Interview	0
CIS 527		Technical Interview Patterns and Practice	0

Hours required for CIS 527 depend on the nature and number of interview scenarios included

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