

Merritt College

Computer Project Management

Overview

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

Codes and Dates

State Approval Date	9/21/2021
Curriculum Committee Approval Date	9/10/2020
Board of Trustees Date	1/19/2021
Current Effective Date	8/01/2021
Program Control Number	41331
Top Code	0702.00* - Computer Information Systems

Description

The Computer Project Management Certificate of Achievement Program is a workforce program providing instruction in the application of Software Engineering skills to Business projects that use computers for process improvement or innovation. This program can be completed in one year or less and qualifies the graduate to enter the designated occupation at the prevailing wage. It includes training in both principles of management and software engineering to support successful completion of these projects. It also equips the non-technical project manager to manage software projects enabling them to compete for project management positions in the software development work force.

Specifically, students will learn use of the software engineering process and application of skills, tools, and techniques to manage project activities; enumeration of project goals as sequences of tasks with clearly defined beginning, end, scope, and resources; analysis of project goals to create a prioritized task list that will lead to successful completion; analysis of budget and human resources to develop a utilization plan; and communication of progress, status, and milestones. Skills applicable to any kind of project are supplemented by instruction in software engineering to support one of the prevalent project management needs of the Silicon Valley and the Bay Area workforce. These enable the design of integrated software systems to efficiently fulfill business processes and needs.

To qualify for the Computer Project Management Certificate of Achievement Program, students must complete 14-15 units of required core courses with the option to complete 2 units (*150 hours of paid work or 120 hours of unpaid work*) of Occupational Work Experience (OWE) in Project Management. This OWE qualifies them to take the Certified Associate Project Manager (CAPM) examination from the governing body Project Management Institute.

Career Opportunities

• Computer and Information Systems Managers (SOC 11-3021): Excludes "Computer Occupations" (15-1111 through 15-1199). • Computer Systems Analysts (SOC 15-1121): • Information Security Analysts (SOC 15-1122): Excludes "Computer Network Architects" (15-1143).

Program Learning Outcomes

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

1. Manage activities with defined beginning and end in time, defined scope and resources accomplish a singular goal.
2. Coordinate a project team to deliver the on-time, on-budget results.
3. Prioritize activities and communicate results, milestones, and deadlines.

Degree Requirements:

Required Program Courses		Credit Hours: (14 - 15 Required)
BUS 050	Principles of Management	3
CIS 001 or	Introduction to Computer Information Systems	4
CIS 005	Introduction to Computer Science	5
CIS 051	Introduction to Information Technology Project Management	4
CS 080	Software Engineering	3
Recommended Courses		Credit Hours: (0 Required)
COPED 469	Occupational Work Experience in Security Administration	2
BUS 083	Introduction to Digital Marketing	3
Optional Occupational Work Experience		Credit Hours: (0 Required)
<i>Students who select COPED 469 are able to provide evidence of applicable work experience on their college transcript. The student must secure 150 hou</i>		

Total: 14.000 - 15.000

Merritt College

Digital Investment Certificate

Overview

College
Originator
Award Type

Merritt - Division II
Sia Nazari
Certificate of Achievement

Description

The Digital Investment Certificate of Achievement prepares students with the knowledge, skills, and attributes necessary for obtaining work in the fields of digital investments that is applicable to the public, private, and nonprofit sectors. This certificate program will enable students to integrate foundational investment, trading and financial concepts with practical technical skills, which ensures they gain real-world applied knowledge to be truly job-ready. It aims to develop the student's understanding of investments and provide a framework for students to think about concepts such as digital currency, blockchain, stock market, investments, and investment portfolio construction. Students will be assessed throughout the course through exercises on the topics. This program can be completed within one year, culminating in a Certificate of Achievement.

Career Opportunities

Completion of this certificate will provide students with the knowledge they need to work in an entry-level position at financial institutions and digital currency and blockchain companies which do not need licenses, such as client services, account management, compliance, and business operations, market analyst, researcher, and more. More information is in the LMI documents.

Program Learning Outcomes

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

1. Demonstrate career acceptance preparation by applying industry standard concepts in investing in both stocks and cryptocurrency markets tools and technologies such as: Tradingview, Zivolve, finviz, and Yahoo finance.
 2. Exhibits career readiness by building a investment portfolios consist of stocks and crptocurrencies using core fundamnetals,news analysis, sentiment analysis technical analysis, risk management and monitoring, as well as applying stock and crypto currency picking research skillsets
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Degree Requirements:

Stock Market Investing	Credit Hours:	(3 Required)	
BUS 229	Stock Market Investing		3
Introduction to Cryptocurrency Investment	Credit Hours:	(3 Required)	
BUS 088	Introduction to Cryptocurrency Investment		3
General Accounting (BUS20)	Credit Hours:	(3 Required)	
BUS 020	General Accounting		3

Total: 9

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College of Alameda

Law School Pathway Certificate of Achievement

Overview

College	COA - Liberal Studies and Language Arts
Originator	Robert Brem
Award Type	Certificate of Achievement

Codes and Dates

Curriculum Committee Approval Date	3/19/2019
Board of Trustees Date	5/14/2019
Current Effective Date	8/01/2019
Top Code	2207.00 - Political Science

Description

The Law School Guided Pathway program is designed to help students interested in a career in law to understand the processes of qualifying for and applying to law school, while mentoring students in how to transition from community college to a four-year university, and sustaining the momentum to pursue professional/graduate school. In partnership with the California State Bar and California Community College State Chancellor's office; the Pathway to Law School initiative at College of Alameda seeks to enhance opportunities and advancement in the legal profession for diverse populations, particularly those who have been underrepresented in the practice of law. Completion of the course sequence and internship experience in the field leads to a **Law School Guided Pathway Certificate of Achievement**.

Career Opportunities

Careers in Law: Careers often pursued by persons with training and degrees in law include (but are not limited to): Attorney (Defense and Prosecution), Civil or Criminal Law, Court Reporter, Judge, Paralegal, and can often be in organizational leadership & consulting.

Program Learning Outcomes

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

1. Demonstrate a working knowledge of the foundational principles of the practice of law in a democracy.
 2. Demonstrate critical evaluation skills to apply ideas in law and democracy in various contexts, in one's roles in working towards healthy community building.
 3. Articulate how to effectively apply the principles and skills of law and democracy in one's own life as persons, workers, or citizens living in one's own community.
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Degree Requirements:

Required Courses	Credit Hours:	(27 - 28 Required)
POSCI 008	Law and Democracy	3
POSCI 026 or	U.S. and California Constitution	3
POSCI 001	Government and Politics in the United States	3
HIST 007A	History of the United States to 1877	3
HIST 007B	History of the United States since 1865	3
SOC 120 or	Introduction to Research Methods	3

MATH 013	Introduction to Statistics	4
ENGL 001A	Composition and Reading	4
ENGL 005	Critical Thinking in Reading and Writing	3
COMM 044	Argumentation	3
COUN 201	Orientation to College: Student Success and Support Program	1
POSCI 451 or	Occupational Work Experience In Politics and Public Affairs	2 - 3
POSCI 041	Service Learning: Law, Democracy, and Public Administration	3

Total: 27.000 - 28.000

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