CITY - INFORMATION TECHNOLOGY MANAGEMENT - CERTIFICATE OF ACHIEVEMENT

PROPOSAL INFORMATION

Action Proposed: Program Revision

Proposal Originator: David Kennemer

Origination Date:09/24/2020

Proposed Start: Fall 2021

Need for Proposal:

2-year program review; Revise program and award description; Remove BUSE 092 from courses required to the major; Remove required elective section and associated courses (INWT 105, INWT 145, and INWT 200); Add INWT 125 and INWT 145 to courses required for the major; Add INWT 200 as an option in courses required to the major; Update INWT 111, INWT 112, and INWT 200 with revised course title. 2020 consortium recommendation for revision attached. Original 2011 Regional Consortium recommendation is attached.

Attached Documents:

COE LMI Computer Occupations
OccProfile, CA LMI 15-1142
COE LMI Cloud Technician
COE LMI Information Technology (Imperial)
COE LMI Information Security Analysts
COE LMI Information Technology Administrators
COE LMI Software Developers Applications
OccProfile, CA LMI 15-1122
OccProfile, CA LMI 15-1132
OccProfile, CA LMI 15-1151
OccProfile, CA LMI 15-1199
Narrative_Fall 2021
2020 Regional Consortia Recommendation
2011 Regional Consortia Recommendation
Advisory Approval

PROGRAM & AWARD INFORMATION

Award Description:

The Certificate of Achievement in Information Technology Management provides students with a comprehensive education in teamwork and leadership, networking and security, and information systems management. This curriculum includes hands-on experience in virtual environments that simulate real-world scenarios in installation, administration, and management of computer and network systems. This pathway includes preparation for industry-recognized certifications geared towards preparing students for a successful career in IT roles that are vital for building, protecting, and maintaining information and technology assets.

Program Description:

The expanding field of Information Technology (IT) comprises various facets, including network administration and cybersecurity, telecommunications, computer support, computer science, software programming, and system analysis and design. Almost every company's business strategy relies on the use of information systems in order to succeed and grow into the future. For this reason, San Diego City College's Computer Information Systems Program offers a bridge between business, computer science, and information technology.

The Computer Information Systems program offers transfer and certification programs in the information system and information technology fields. These programs include computer literacy; application, web, and database programming; database administration; and a variety of vendor specific and vendor neutral industry-standard certification training. The roles of the various information system professionals are to design, implement, operate, and maintain a computer information system. These professionals also provide services in the networking areas such as systems engineers, systems administrators, security analysts, and network specialists.

Graduates of the program possess an applied knowledge of fields, such as web programming, system infrastructure, databases, networking, e-business, project management, data center management, security, and information assurance.

Program Goals:
This section is no longer updated in CurricUNET.

Program Emphasis:

Career Options:
Some careers in the IT field require education beyond the associate degree. Careers in the IT field include: computer consultant, help desk technician, instructional lab technician, sales specialist in computer hardware and software, support technician, computer assembler, systems integrator, network administrator, network specialist, systems engineer, computer operator, systems analyst, and systems administrator.

COURSES REQUIRED FOR THE MAJOR:		UNITS
BUSE 119	Business Communications *Active*	3
CBTE 180	Microsoft Office *Active*	3
INWT 100	A+ Certification Training *Active*	4
INWT 111	Windows Desktop Administration *Approved*	3
INWT 112	Windows Infrastructure Administration *Approved*	3
INWT 120	Network+ Certification Training *Active*	4
INWT 125	Cloud+ Certification Training *Approved*	3
INWT 140	Security+ Certification Training *Active*	3
INWT 145	Linux+ Certification Training *Active*	4
or INWT 200	Ethical Hacking and Penetration Testing *Approved*	4

Total Units   30

DATES & CODES
CIC Approval: 12/10/2020
Board Approval: 03/11/2021   **TOP Code:** 0708.00
State Approval: **State Approval (Unique) Code:** 31309

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