

32 Credit Hour Certificate - Networking

Name: _____ ID#: _____ Date: _____

Networks drive the speed of business. The demand for information in the global economy requires consistent and robust network connectivity. Networking professionals provide this ever-increasing need. MACC offers a path to this exciting career through our nationally recognized Cisco Academy. In two semesters, an individual can be eligible for the widely recognized A+ certification. For those who wish to pursue the full Networking degree, MACC offers coursework in Linux Administration and Windows Server Management. Networking graduates are prepared to enter the field or transfer to a four-year institution.

| Taken | Course | Required Courses | Hours | Milestone* |
|-------|----------------------------|--|-----------|------------|
| | ITC106 | IT Essentials | 3 | |
| | ITC120 | ^Programming I | 3 | ITC120 |
| | ITC130 | Introduction to Networks | 5 | |
| | ITC150 | Linux Administration I | 3 | |
| | ITC258 | ^Windows Server Management I (1 st 8-weeks) – Fall Only | 3 | |
| | | Directed Electives (See Below) | 15 | |
| | | | 32 | |
| | | | | |
| | | Directed Electives (15 credit hours needed) | | |
| | ACC101 | Elementary Accounting I | 3 | |
| | BUS150 | ^Business Communication | 3 | |
| | ITC101 | Computer Essentials | 3 | |
| | ITC145 | Web Design I | 3 | |
| | ITC201 | ^Relational Database Systems – Fall Only | 3 | |
| | ITC230 | Wireless and Switching Essentials – Fall Only | 5 | |
| | ITC231 | ^Enterprise Networking – Spring Only | 3 | |
| | ITC250 | ^Linux Administration II – Spring Only | 3 | |
| | ITC259 | ^Windows Server Management II (2 nd 8-weeks) – Fall Only | 3 | |
| | ITC282 | ^Systems Project: Networking | 3 | |
| | ITC295 <u>or</u> SKL250 | ^Information Technology Internship <u>or</u> ^Employment Seminar | 1-3 | |
| | SKL101 | College Orientation | 1 | |
| | | | | |
| | | Minimum Required Hours for Certificate | 32 | |

*It is strongly recommended that students successfully complete the Milestone courses as planned on the academic map to ensure completion of the certificate in a timely manner. In addition, if students do not successfully complete the Milestone course(s), they are strongly encouraged to re-enroll in the course(s) the following semester.

**Certificate is granted upon successful completion of all required courses plus directed elective courses totaling a minimum of 32 credit hours.

***Virtual course delivery is available for all “ITC” classes required in this degree program and for many other required classes. Talk to your program advisor to learn which courses are offered in the virtual delivery format.

****Note for all Information Technology AAS degrees and certificates (32 credit hour and Certificates of Specialization): A grade of “C” or better must be achieved in all required ITC courses (course prefix “ITC”) to earn an AAS degree, 32 credit hour certificate, or Certificate of Specialization).

^Please refer to the course descriptions for pre/co-requisite and placement information. You can only register for these courses if you have met the prerequisite, placed into the course and/or enroll in the co-requisite course(s).