



Pathways to Achievement, Completion, Career & Transfer

ACADEMIC MAP

2023-2024



032223

Information Technology – Cybersecurity Operations Certificate

START here

SEMESTER 1	CREDITS	MILESTONE	COMPLETED
ITC 281 – Cybersecurity I	3		<input type="checkbox"/>
NST 231 – Networking II	3		<input type="checkbox"/>
ITC 111 – Scripting for Security	4		<input type="checkbox"/>
ETH 101 – Ethics and Society	3		<input type="checkbox"/>
CSC 170 – Digital Forensics or BUS 110 – Introduction to Business	3		<input type="checkbox"/>

TOTAL CREDITS 16

You've FINISHED!

Helpful Hints

Upon completion of the certificate, students should have a sufficient background in IT to study for and take the CompTIA Security+, Cisco CyberOps Associate, or the Cisco Certified Technician Routing and Switching certification exams.

Certificate Programs

Certificate programs can serve as the basis for further higher education or professional studies. Certificate programs require students to complete specified coursework, mainly related to particular fields of employment.

While many students enroll in a certificate program in preparation for direct entry into employment, they often return to college, part time or full time, and apply the credits previously earned to an associate degree program.

Career and Transfer Outlook

This program is the second in a series of stackable certificates that develop IT and Cybersecurity skills and can be used to progress to the Associate – IT Cybersecurity or Associate – IT Networking and User Support degrees. Students completing the two certificates will have 24 credits towards the Associate – IT Cybersecurity or 27 credits Associate – IT Networking and User Support completed to either of those associate degrees. This program will give students the skills necessary for an entry-level position in cybersecurity. Operations, such as a Security Operation Center (SOC) analyst. The certificate will also prepare students for further study in Information Technology and Cybersecurity through additional certificates or Associate degrees.

To learn more, call us at **1-800-818-3434**
or visit **www.middlesex.mass.edu**