



Pathways to Achievement, Completion, Career & Transfer

ACADEMIC MAP

2023-2024



032223

Information Technology – Advanced Cybersecurity Operations Certificate

START here

SEMESTER 1	CREDITS	MILESTONE	COMPLETED
ITC 282 – Cybersecurity II	3		<input type="checkbox"/>
NST 235 – Networking III	4		<input type="checkbox"/>
ITC 201 – Virtualization and Cloud Computing Security	4		<input type="checkbox"/>
MAT 177 – Statistics	3		<input type="checkbox"/>
BUS 213 – Business Communications	3		<input type="checkbox"/>

TOTAL CREDITS 17

You've FINISHED!

Helpful Hints

Upon completion of the certificate, students should have a sufficient background in IT to study for and write the CompTIA Network+, and the Cisco Certified Network Associate (CCNA).

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 will give students the skills necessary to progress in Cybersecurity Operations positions such as those in a Security Operation Center (SOC). The certificate will also prepare students for further study in Information Technology and Cybersecurity at the Associate's degree level. Students may also consider transitioning to the IT Cybersecurity Associates or IT User and Network Support Associates programs upon completion of this certificate. Upon completion of the IT Networking and User Support Certificate, IT Cybersecurity Operations Certificate, and this certificate, a student will have completed 37 credit hours towards either of the above associate degrees.

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