



Liberal Studies– Information Technology – Cybersecurity Transfer Associate in Science

START here

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SEMESTER 1 – FALL	CREDITS	MILESTONE	COMPLETED
ITC 101 – Introduction to IT	4		<input type="checkbox"/>
NST 121 – Computer Systems Fundamentals	4		<input type="checkbox"/>
NST 181 – Networking I	3		<input type="checkbox"/>
ENG 101 – English Composition I	3		<input type="checkbox"/>
Math Elective – MAT 177 – Statistics –or– MAT 120 – Math Modeling	3		<input type="checkbox"/>
TOTAL CREDITS	17		

2

SEMESTER 2 – SPRING	CREDITS	MILESTONE	COMPLETED
NST 231 – Networking II	3		<input type="checkbox"/>
NST 281 – Computer Network Security I	3		<input type="checkbox"/>
ITC 111 – Scripting for Security	4		<input type="checkbox"/>
ENG 102 – English Composition II	3		<input type="checkbox"/>
IDS Elective	1		<input type="checkbox"/>
TOTAL CREDITS	14		

3

SEMESTER 3 – FALL	CREDITS	MILESTONE	COMPLETED
NST 282 – Computer Network Security II	3		<input type="checkbox"/>
ITC 201 – Virtualization and Cloud Infrastructure	4		<input type="checkbox"/>
Humanities Elective – Recommended: ETH 102 – Business Ethics	3		<input type="checkbox"/>
Social Science Elective – Recommended: ECO 140 – Macroeconomics	3		<input type="checkbox"/>
Two IDS Electives	2		<input type="checkbox"/>
TOTAL CREDITS	15		

4

SEMESTER 4 – SPRING	CREDITS	MILESTONE	COMPLETED
ITC 211 – Information Storage Management	4		<input type="checkbox"/>
ITC 240 – Ethical Hacking	4		<input type="checkbox"/>
ITC 250 – Security Capstone	3		<input type="checkbox"/>
Science Elective	3		<input type="checkbox"/>
TOTAL CREDITS	14		

You've FINISHED!



Milestone Courses

should be taken in the order shown. This will help you stay on track and graduate on time.



Make Your Summer Matter.

Summer is a great time to take some elective courses and get ahead.

Helpful Hints

- NST courses are very sequential; students are advised to take all NST courses as prescribed for each semester. Content of the core courses is designed to logically build upon previous semesters, culminating in “Ethical Hacking” and the “Capstone” course.
- NST 181 is a prerequisite for NST 231 and NST 281.
- NST 231 is a prerequisite for ITC 201.
- NST 281 is a prerequisite for NST 282.
- ITC 201 is a prerequisite for ITC 211.
- ETH 102 and NST 282 are prerequisite for ITC 240.
- ITC 240 must be taken prior to or concurrent with ITC 250.
- ITC 101 is a prerequisite for ITC 111.
- Students should plan on satisfying the math requirement as early as possible.

Career and Transfer Outlook

The U.S. Department of Labor projects computer security specialists’ employment to grow by 22% from 2010 to 2020. Graduates of this program will be prepared to find entry-level employment as information security analysts, or to transfer to a four-year program. Career opportunities are open to students with A.S., B.S. and advanced degrees in the secure configuration, operation and analysis of enterprise computer networks, including infrastructure devices, network services and the servers upon which they run.

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