



PROGRAMS OF **study**

INFORMATION SECURITY

ADVANCED CERTIFICATE

Prerequisite: An Associate's Degree (or higher) in Information Technology, Computer Technology or related field.



Program Description

The Information Security Advanced Certificate is designed for students who have completed an associate degree in Computer Technology, Information Technology, or other related degree. The advanced certificate provides students the opportunity to advance their skills and technical knowledge in the area of Information Security. Graduates will be prepared to work in the information technology field troubleshooting security issues and protecting a networked environment, supporting both internal and external customers. The program gives students hands-on experience in identifying security breaches, providing support, and handling basic administration during and after a security breach, and conducting penetration testing to provide a secure network. The curriculum is designed to develop critical thinking skills and enable a student to be ready for today's jobs and the ability to thrive in the ever-changing IT landscape.

Information Security Advanced Certificate - program sequencing

Intended for part-time study

The sequencing of courses in this program begins in the fall semester.

Students entering in the spring or summer will likely take longer than two semesters to complete the program.

Curriculum Requirements: 18 credits	Credits	Grade	Semester
First Year, Fall Semester (9)			
NET 221 Network Security	3		
CJS 125 Criminal Law	3		
Program Elective	3		
First Year, Spring Semester (9)			
CIS 226 Ethical Hacking	3		
CIS 228 Computer Forensics	3		
Program Elective	3		

Program Elective List:

BUS 244	Business Law	CJS 140	Criminalistics
CIS 220	Information Security	POS 125	Constitutional Law
CJS 120	Criminology	PSY 226	Forensic Psychology
		SOC 210	Social Problems



Career Opportunities

Graduates will be prepared for entry level positions in a growth area for both Maine and for the nation. Possible jobs include: Forensics Associate, Network Assistant, Cybersecurity Specialists, and Customer Security Liaison.

Certificate programs at YCCC are designed to lead to either employment and/or college transfer, and we want to provide prospective students with gainful employment disclosure information prior to admission/enrollment in those programs. Please follow this link for more information: <http://www.yccc.edu/about-yccc/college/consumer-info/>

Articulation agreements exist between York County Community College and various colleges and universities..

Please, contact Career and Transfer Services for information regarding these agreements.

DISCLAIMER

While every effort has been made to ensure accuracy, the college reserves the right to make edits due to errors or omissions or changes at any time with respect to course offerings, degree and program requirements addressed in this publication. The information provided is solely for the convenience of the reader, and the college disclaims any liability, which may otherwise be incurred.