

Cyber and Information Security

100% online

OVERVIEW

Be at the forefront of preventing - and investigating - computer hacking and other computer-related crimes

Minnesota State College Southeast's Associate of Applied Science (A.A.S.) degree in Cyber and Information Security is a unique program incorporating networking, cyber security, forensics, and criminal justice to prepare students for employment in a very high demand profession.

In addition to networking and digital, computer and electronic forensics, students will become familiar with the various components of the criminal justice system. Students will learn how to collect and maintain evidence, use interpersonal communication skills, write effectively, present and testify in court, and liaison with criminal justice agencies.

Whether you are a law enforcement professional seeking expertise in this growing field, or a network administrator working for a company that needs to protect its data, Cyber and Information Security at Southeast Technical can help you gain the skills you need for an exciting new career.

MAJORS WITHIN

Cyber and Information Security - AAS 60 credits
See backside for program plan

PROGRAM OUTCOMES

1. Demonstrate the ability to manage and secure data on private and corporate networks and devices
2. Evaluate, identify and implement appropriate security standards and policies
3. Demonstrate the ability to formulate and use a variety of forensic tools to capture, access, retrieve and store digital information
4. Understand the numerous components of the criminal justice system
5. Apply criminal justice methods in response to cyber and information security compromises



PROGRAM HIGHLIGHTS

Acquire proactive skills in protecting and securing private and corporate network digital information

Learn and understand cyber security breaches and mitigation techniques

Understand the criminal justice system and how to effectively communicate with criminal justice agencies

Program classes are offered 100% online

CAREER OPPORTUNITIES

Federal, state and county law enforcement agencies

Private industry cyber security manager

Forensic analysts

Cyber security private investigator

JOB PLACEMENT

TBD

PROGRAM COST - estimated cost including tuition, books and supplies

Cyber and Information Security - AAS \$12,974



www.southeastmn.edu

Cyber and Information Technology - AAS

Sample Program Plan

Course No.	Course Name	Credits
First Semester (Fall)		
NWAT1601,1602	MS Workstation I and II	3
NWAT 1641	Networking Fundamentals	3
NWAT 2681	Fundamentals of Security	3
NWAT 2689	Computer Forensics Investigation	3
ENGL 2515	College Writing 1	3
	<i>Semester total</i>	15
Second Semester (Spring)		
NWAT 1649	MS Server/Enterprise	3
NWAT 2683	Security Threats and Counter Measures	3
CJSP 1102	Introduction to Criminal Justice	3
COMM 2518	Speech	3
General Ed	Math	3
	<i>Semester total</i>	15
Third Semester (Fall)		
NWAT 2684	Server and Desktop Security	3
CJSP 2104	Intro to Criminology/Criminal Behavior	3
CJSP 2205	Criminal Law and Procedures	3
CJSP 2140	Crime Victims and Computer Crimes	3
General Ed	Humanities	3
	<i>Semester total</i>	15
Fourth Semester (Spring)		
NWAT 2676	Wireless Communications	3
NWAT 2692	Electronic Devices Forensics	3
NWAT 2693	Website/Applications Security	3
CJSP 2225	Courtroom and Evidence Procedures	3
General Ed	Sociology	3
	<i>Semester total</i>	15
	Total Required Credits	60