

**COMPUTER INFORMATION SECURITY AND ASSURANCE OPTION – N063**

**A.S. in Computer Information Systems**

Contact: Casey Storozuk, 413-552-2429, cstorozuk@hcc.edu

COURSE TITLE	COURSE NUMBER	PRE-REQUISITES	CREDITS	SEMESTER TAKEN	GRADE
<b>GENERAL EDUCATION REQUIREMENTS</b>			<b>20</b>		
Language and Literature I	ENG 101	Appropriate score on Placement Tests, or C- or better in ENG 097 and ENG 098, or C- or better in ENG 096 or ENG 099	3		
Language and Literature II	ENG 102	ENG 101	3		
Introduction to Sociology (B)	SOC 110	Eligibility for ENG 101	3		
Introduction to Psychology (B)	PSY 110	Eligibility for ENG 101	3		
Robotics: Exploration in Construction & Design	SEM 110		4		
Laboratory Science (D)			4		
<b>PROGRAM REQUIREMENTS</b>			<b>40-42</b>		
Professional Etiquette	BUS 112		1		
Introduction to Criminal Justice	CRJ 100		3		
Computer Concepts <b>or</b> Computer Concepts with Applications	CSI 101 CSI 111	Eligibility for ENG 101. <b>Students may not receive credit for both CSI 101 and CSI 111</b>	3-4		
Business Data Communications	CSI 120	CSI 101 or CSI 111	3		
Systems Support I—Hardware	CSI 211	CSI 101 or CSI 111	3		
System Support II—Software	CSI 216	CSI 101 or CSI 111	3		
Network Development	CSI 251	CSI 101 or CSI 111	3		
Introduction to Security <b>or</b> Principles of Information Security and Assurance	CRJ 105 SEC 105	Eligibility for ENG 101 CSI 101 or CSI 111 and Eligibility for ENG 101	3		
Information Security Assurance and Administration <sup>2</sup>	SEC 261	CRJ 105 or SEC 105	3		
Operating System Security and Assurance <sup>2</sup>	SEC 263		3		
Network Security and Assurance	SEC 267	SEC 105	3		
Management of Network Defense and Countermeasures	SEC 268	SEC 267	3		
Principles of Management	MGT 230		3		
Math Elective (D) <sup>1</sup>			3		
<b>PROGRAM ELECTIVES (Select one from the following)</b>			<b>3-4</b>		
Principles of Accounting I	ACC 111	Eligibility for MTH 085	3-4		
Criminal Evidence	CRJ 102	CRJ 100 and CRJ 112	4		
Criminal Law and Procedure	CRJ 205	CRJ 100 and CRJ 112	3		
CSI Program Elective <sup>2</sup>			3-4		
Writing in the Professions	ENG 223	ENG 102	3		
Introduction to Firewalls	SEC 262		3		
Disaster Recovery	SEC 264	SEC 105 or CRJ 105	3		
Web Security and Assurance Management	SEC 266	SEC 105 or CRJ 105	3		
<b>Total Credits</b>			<b>63-65</b>		

NOTES:  
<sup>1</sup> Select from MTH 104, MTH 107, MTH 108, MTH 112, MTH 113, MTH 114, MTH 125, MTH 135, MTH 142, MTH 150, MTH 155, MTH 162, MTH 205, MTH 211, MTH 212, MTH 213, MTH 214, MTH 230 <sup>2</sup> Select from: CSI 106, 218, 242, 252, 253, 254, 256, 278, 280.  
<sup>2</sup> Prerequisite SEC 105 or CRJ 105.  
 Depending on the course selection 50% of this program can be completed online. Go to <http://webtide.hccdl.org> for further information.

**PROGRAM OVERVIEW**

Information and network security is a problem that almost every company faces; one of the biggest assets a company has is its data. In the field of information security and assurance, there are currently too few professionals to fill the positions available and in the growing global economy there will continue to be a need for professionals in the field. Graduates with associate degrees can be hired as entry-level Internet, security, network, systems or support administrators or specialists and will be prepared to integrate new security skills into their responsibilities as well as serve on corporate teams.