

**COMPUTER**

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

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

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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.

<b>Term/Grade</b>	<b>Course Number</b>	<b>Course Name</b>	<b>Course Credits</b>	
<b>GENERAL EDUCATION REQUIREMENTS</b>				<b>20</b>
_____	ENG 101	Language and Literature I	3	
_____	ENG 102	Language and Literature II	3	
_____	SOC 110	Introduction to Sociology (B)	3	
_____	PSY 110	Introduction to Psychology (B)	3	
_____	SEM 110	Robotics: Exploration in Construction & Design	4	
_____	_____	Laboratory Science (D)	4	
<b>PROGRAM REQUIREMENTS</b>				<b>40-42</b>
_____	BUS 112	Professional Etiquette	1	
_____	CRJ 100	Introduction to Criminal Justice	3	
_____	CSI 101	Computer Concepts <sup>1</sup> <b>or</b>		
_____	CSI 111	Computer Concepts with Applications <sup>1</sup>	3-4	
_____	CSI 120	Business Data Communications	3	
_____	CSI 211	Systems Support I—Hardware	3	
_____	CSI 216	System Support II—Software	3	
_____	CSI 251	Network Development	3	
_____	SEC 105	Principles of Information Security and Assurance <sup>1</sup> <b>or</b>		
_____	CRJ 105	Introduction to Security	3	
_____	SEC 261	Information Security Assurance and Administration <sup>4</sup>	3	
_____	SEC 263	Operating System Security and Assurance <sup>4</sup>	3	
_____	SEC 267	Network Security and Assurance	3	
_____	SEC 268	Management of Network Defense and Countermeasures	3	
_____	MGT 230	Principles of Management	3	
_____	_____	Math Elective (D) <sup>2</sup>	3-4	
<b>PROGRAM ELECTIVES</b>				<b>3-4</b>
<i>(Select one from the following)</i>				
_____	ACC 111	Principles of Accounting I	3	
_____	CRJ 102	Criminal Evidence	4	
_____	CRJ 205	Criminal Law and Procedure	3	
_____	_____	CSI Program Elective <sup>3</sup>	3-4	
_____	ENG 223	Writing in the Professions	3	
_____	SEC 262	Introduction to Firewalls	3	
_____	SEC 264	Disaster Recovery	3	
_____	SEC 266	Web Security and Assurance Management	3	
			<b>Total Credits</b>	<b>63-66</b>

**NOTES:**

<sup>1</sup> Eligible for ENG 101.

<sup>2</sup> Select from MTH142, 150, 155, 160.

<sup>3</sup> Select from: CSI 106, 218, 242, 252, 253, 254, 256, 278, 280.

<sup>4</sup> Prerequisite SEC 105 or CRJ 105.