

**COMPUTER INFORMATION SECURITY AND
ASSURANCE MANAGEMENT CERTIFICATE – N064**

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E-Institute: <http://webtide.hccd1.org>

Courses in red are not available online.

Computer Information Security is a fast-growing field; currently there are too few professionals to fill the positions available. 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 and serve on corporate security teams. Upon completion of this certificate, the student will be able to write and administer security policies and procedures, create and establish a disaster recovery plan, direct personnel to secure data during an incident response, lead countermeasures for data intrusion and manage security.

Term/Grade	Course Number	Course Name	Course Credits
PROGRAM REQUIREMENTS			21-22
_____	CSI 101	Computer Concepts or	
_____	CSI 111	Computer Concepts with Applications	3-4
_____	CSI 214	Systems Analysis and Design	3
_____	MGT 230	Principles of Management	3
_____	SEC 105	Principles of Information Security and Assurance	3
_____	SEC 261	Information Security Assurance and Administration	3
_____	SEC 267	Network Security and Assurance	3
_____	SEC 268	Management of Network Defense and Countermeasures	3
PROGRAM ELECTIVES			6-7
<i>(Select two from the following)</i>			
_____	CRJ 100	Introduction to Criminal Justice	3
_____	CRJ 102	Criminal Evidence	3
_____	CRJ 112	Criminal Law and Procedure	3
_____	CSI 106	Introduction to Programming	4
_____	CSI 120	Business Data Communications	3
_____	CSI 150	Special Topics in Information Systems	3
_____	CSI 211	Systems Support I—Hardware	3
_____	CSI 214	Systems Analysis & Design	3
_____	CSI 216	System Support II—Software	3
_____	CSI 242	Applied Database Management	3
_____	CSI 250	Current Topics in Information Systems	3
_____	CSI 251	Network Development	3
_____	CSI 252	Introduction to Website Development	3
_____	CSI 253	Introduction to eCommerce	3
_____	CSI 278	Computer Information Systems Internship	3
_____	CSI 280	Computer Information Systems Coop Education I	3
_____	CSI 281	Computer Information Systems Coop Education II	3
_____	SEC 262	Introduction to Firewalls	3
_____	SEC 263	Operating System Security and Assurance	3
_____	SEC 264	Disaster Recovery	3
_____	SEC 266	Web Security and Assurance Management	3
Total Credits			27-29