

COMPUTER INFORMATION SECURITY, Certificate Program - 1211

CIP Code: 11.1003

Technology Division

The Computer Information Security program enables students currently studying or working in information technology to further their knowledge, understanding, and application as it pertains to information security. The coursework focuses on applying technical solutions to satisfy business requirements to preserve and protect data and information systems. Throughout the program of study, students are exposed to multiple operating systems, hardware devices, applications, and industry specific legal issues. Students with little or no computer experience will need additional coursework prior to starting the program.

Career Opportunities

Graduates of this program find employment, depending on experience, as Security Information Services Operators, Information Security Specialists, Information Security Administrators, Information Security Advisors, Information Security Consultants, Information Security Analysts, Information Security Managers, and Information Security Architects.

(SOC Code: 15-1071 Network and Computer Systems Administrators)

Link to Occupational profiles on O*NET <http://www.onetcodeconnector.org/>

Application and Admission information <http://www.hacc.edu/StudentServices/Registrar/HowtoApplyandRegister/index.cfm>

Competency Profile

This curriculum is designed to prepare students to:

- Develop information security policies and procedures
- Apply technology devices to meet business requirements
- Secure information system components
- Design secure network architectures
- Implement technological solutions, both hardware and software, as it pertains to information security
- Maintain and awareness of industry requirements and laws
- Respond to information system intrusions and support investigative processes
- Manage information security resources
- Provide information security training and awareness programs

PROGRAM REQUIREMENTS (TOTAL CREDITS = 35)

General Education	Major	Other Required Courses
	CIS 222 Introduction to Windows Server or	
	CIS 226 Novell Network Administration or	
	CIS 265 Fundamentals of Unix Administration	3
	CIS 224 Systems Analysis and Design	3
	CISE 200 Information Security Fundamentals	3
	CISE 210 Information Security Administration	4
	CISE 220 Information Security Analysis & Response	4
	CISE 230 Information Security Management	3
	CJ 103 Principles of Security/Loss Prevention	3
	CJ 223 Loss Prevention Issues	3
	CTEC 122 Internetworking II	3
	CTEC 221 Technical Aspects of NOS	3
	Programming Elective*	3-4
		35

*Select 3 credits from the following courses:

CIS 238, 249; CPS 115, 121, 135, 141, 151, 230

Program Costs: \$10,358.00

<http://www.hacc.edu/FinancialAid/FinancialAidBasics/Cost-of-Attendance.cfm>

On-time Completion Rate:

Job Placement Rate:

Median Federal Loan Debt: \$0

Median Alternative Loan Debt: \$0