

# CERTIFICATE IN INFORMATION SECURITY AND ASSURANCE

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Information security, privacy, and information assurance are of prime importance in modern computer systems where data and systems can be accessed from nearly everywhere. The Certificate in Information Security and Assurance is intended for students interested in aspects of security and assurance in modern e-commerce applications.

The U.S. government's Information Assurance Courseware Evaluation (IACE) program has certified the computer science department's courses as meeting the national training standards for Information Systems Security Professionals (NSTISSI 4011) and Systems Certifiers (NSTISSI 4015). These standards describe course content for studying telecommunications security and automated information systems security.

Certificate programs offer working professionals an opportunity to increase their knowledge and skills in the specific areas of computer science. A certificate representing proven academic performance is presented after the required nine credit hours of coursework is completed with a GPA of 3.0/4.0. Courses taken may be later applied toward a computer science master's degree program.

## Curriculum

Code	Title	Credit Hours
Select nine credit hours from the following:		9
CS 458	Introduction to Information Security	3
CS 525	Advanced Database Organization	3
CS 549	Cryptography and Network Security	3
CS 558	Advanced Computer Security	3
CSP 544	System and Network Security	3
<b>Total Credit Hours</b>		<b>9</b>