

# Graduate Certificate in Information Security

Turn information security into job security with an advanced technology certificate from Eastern Michigan University. The graduate certificate in information security is designed for those currently serving, or aspiring towards, management positions in legal fields, law enforcement, computer training and education, marketing or other areas concerned with information security-related issues, products and services. It can also serve a general educational role for individuals who want to become better decision-makers and more knowledgeable participants in legislative and ethical issues.

Through the program, you'll gain an in-depth understanding of:

- federal, state and international laws relating to information security cases and contemporary events;
- ethical issues of information collection, processing, storage and transmission;
- policies, procedures and plans that provide the foundation for a sound information security program;
- risks to the security of information, based on threats and vulnerabilities; establish security requirements for organizations to reduce risks and
- plans for comprehensive information security programs and documents necessary to implement and maintain programs.

The program's courses are approved by the Committee on National Security Systems (CNSS). The program will provide excellent preparation for the Computer Information System Security Professional (CISSP) exam and the Certified Information Security Manager (CISM) exam. And, if you later decide to pursue a full master's degree, you can apply 13 credit hours to the master of liberal studies program in interdisciplinary technology.

## Career Opportunities

The information security field itself is now a necessity for all companies and organizations. The graduate certificate in information security can open doors for career advancement in one of the fastest growing professions within the information technology industry. The certificate provides professionals with the knowledge and tools to participate in a team-based information security or protection program in larger organizations and to initiate and manage programs in smaller organizations.

## Course Sequence

Courses can be completed at either EMU-Livonia or on EMU's main campus in Ypsilanti (with the exception of ISEC 522, which must be completed in Ypsilanti). All courses are designed for the working professional and are offered on weekday evenings.

Complete your application for admission to Eastern Michigan University  
on the Web — <http://www.emich.edu/admissions/apply/>

## Program of Study

This certificate is completed with 17–18 hours of graduate coursework. Coursework required for the program's completion\* is:

- ISEC 542 Information System Security for Managers (3)
- ISEC 543 Systems Operating Environment for Info Security System Administrators (2)
- ISEC 522 Physical Security Requirements for Information Systems (2)
- ISEC 532 Audit Controls in Information Security (2)
- ISEC 544 Administrative Information Security Procedures (2)
- ISEC 546 Vulnerability, Risk and Analysis (2)
- ISEC 694 Professional Seminar in Information Assurance (2)
- Elective ISEC Special Topics: Restricted elective course to be determined in consultation with program adviser (2)

\* In order to obtain the graduate certificate, an overall GPA of 3.0 is required.

## Advising

A College of Technology (School of Technology Studies [STS]) academic adviser will work with you to assist in the exploration of degree requirements, evaluation of applications for admission to a degree program, preparation of a plan of study, approval of program changes and recommendation for graduation. For more information or to schedule an appointment with a College of Technology (STS) advisor, call 734.487.1161 or e-mail [cot.advising@emich.edu](mailto:cot.advising@emich.edu). Program advising is also available on-site in EMU–Livonia. To schedule an advising appointment at EMU–Livonia, call 877.818.4368 or e-mail [livonia@emich.edu](mailto:livonia@emich.edu).

## Admission

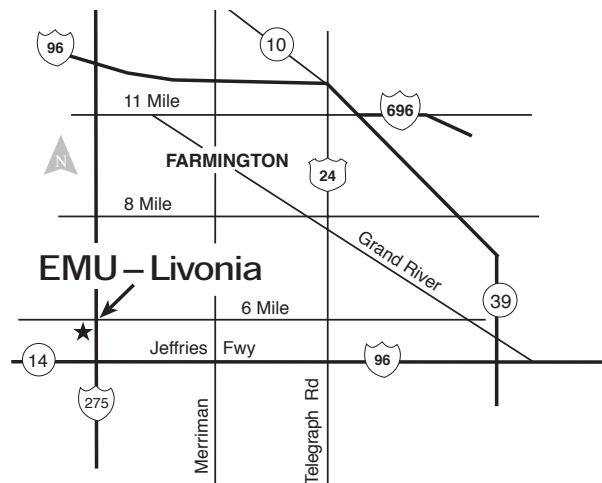
To be eligible for the graduate certificate in information security, students must:

1. Obtain a baccalaureate degree from an accredited institution;
2. Have an undergraduate GPA of 2.75 or higher;
3. Have a goal statement as part of the admission application that is consistent with program objectives;
4. Submit a minimum of two letters of recommendation focusing on evidence of experience relevant to information security and
5. Submit a goal statement demonstrating how the graduate certificate program will help the student's professional goals.

## For More Information

For an application packet and information about requirements for admission contact:

School of Technology Studies  
122 Sill Hall  
Eastern Michigan University  
Ypsilanti, MI 48197  
Phone: 734.487.1161  
FAX: 734.487.7690



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