



# CYBER SECURITY PROFESSIONAL ONLINE

## 12 HOUR GRADUATE CERTIFICATE PROGRAM

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The **Information Assurance** certificate program prepares graduates for employment in various levels of information technology field. The skills included in the course work are required to be successful in positions such as information security specialist, network security analyst, and information security manager. The program is structured to achieve this objective through 12 semester hours of advanced course work. Students are required to have high-speed internet connection. Hands-on experiences using industrial standard software are provided through our **virtual information assurance lab**.

**All courses are offered 100% online with no on-campus residency required.**

Twelve hours of internet based, online graduate coursework are required for the information assurance certificate.

- ITEC 6060 Research Methods in Technology
- ICTN 6823 Information Security Management
- ICTN 6865 Fundamentals of Network Security
- ICTN 6873 Network Intrusion, Detection and Incidence Response

The courses are scheduled to allow completion of the certificate program within one year. Transfer hours are *not* accepted in this certificate program. All students must meet admission and retention standards established by the ECU Graduate School.

### Admission Standards

You must have a baccalaureate degree from an institution accredited by a regional association and have an overall GPA of 2.5 on a 4.0 scale on all undergraduate work. Completion of a standardized examination, such as the GRE, is not required for admission to our graduate certificate programs.

**Program Prerequisite:** Due to the nature of the advanced skills, the prerequisites of this program include the knowledge of basic data communication, computer networking, and computer operation as evidenced by one of the following: COMPTIA Network+ certification or Cisco CCNA certification or equivalent course work. An applicant may use a certification similar to or higher than CCNA or Network+ or equivalent course work to meet the requirement.

### Admission Procedure

1. Complete and submit a graduate certificate application from the ECU Office of Graduate Studies website at [gradschool.ecu.edu](http://gradschool.ecu.edu).
2. Submit any required forms to the ECU Office of Graduate Studies such as a statement of purpose, resume, official copies of all transcripts, and two letters of reference from persons who can attest to the applicant's academic competence or potential in the information assurance environment.

### The Fine Print

Students completing this certificate are encouraged to apply for the MS in Network Technology (MSNT) program. Admission to and completion of the certificate program does not supersede the admission requirements to a Master's of Science (MS) degree program at East Carolina University nor does it guarantee admission into a MS degree program. Concurrent work on a MS degree requires admission into the MS program. However, credits earned during the certificate program can be applied towards the MSNT.

The Department of Technology Systems is a national leader in offering graduate, technology related degrees online. The program is internet based and permits students to be advised, complete courses, collaborate on projects, conduct research, and complete the program via the internet. Each student should have a state-of-the-art computer and reliable high speed internet access. Students typically spend 10-15 hours per week in preparing for and participating in each course. Most of the students in the program are working professionals who are pursuing a graduate program for career advancement. Courses are scheduled to allow enrollment in fall, spring, and summer.

*All information provided in this flyer is subject to change without notification. Students and applicants are required to review the Graduate Catalog ([catalog.ecu.edu](http://catalog.ecu.edu)) to learn about the current requirements, regulations, and policies.*

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### **For more information contact:**

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