15/18 HOUR ONLINE GRADUATE CERTIFICATE PROGRAM

INFORMATION ASSURANCE

DEPARTMENT OF TECHNOLOGY SYSTEMS, COLLEGE OF TECHNOLOGY & COMPUTER SCIENCE

The **Information Assurance** certificate program prepares graduates for employment in various levels of information technology industry. 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 15 semester hours of advanced course work. Students are required to have high-speed Internet connection. Hands-on experiences using industrial standard software is provided through our **virtual information assurance lab**.

All courses are offered 100% online with no on-campus residency required.
Fifteen hours of Internet based, online graduate coursework are required for the information assurance certificate.

- ICTN 6800 Internet Research Methods or ITEC 6050 Strategies for Technical Management
- ICTN 6823 Information Security Management
- ICTN 6865 Fundamentals of Network Security
- ICTN 6873 Network Intrusion, Detection and Incidence Response
- ICTN 6878 Legal and Ethical Issues in Information Technology

Add ICTN 6870 Advanced Network Security for those who need 18 hours in their discipline.

The courses are scheduled to allow completion of the certificate program in 18 months. Transfer hours are *not* accepted in the information assurance 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; or a GPA of 3.0 on a 4.0 scale in either the undergraduate major or work taken during the senior year. Completion of a standardized examination, such as the GRE, is not required for admission to our graduate certificate programs.

Admission Procedure

1. Complete and submit a graduate certificate application from the ECU Office of Graduate Studies website at **www.ecu.edu/gradschool**.
2. Return any required forms to the ECU Office of Graduate Studies such as the Statement of Legal Residence, Statement of Purpose, 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 Technology Systems program. Admission to and completion of the certificate program does not supersede the admission requirements to a Masters of Science (MS) degree program at East Carolina University nor does it guarantee admission into a MS degree program. Concurrent work on an MS degree requires admission to the MS program. Since only nine hours of non-degree credit may be applied to a MS degree, students who begin in a certificate program and then decide to apply for the MS degree should do so within the first three courses to avoid lost credit.

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 degree 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 the degree for career advancement. Courses are scheduled in a sequence over the fall, spring, and summer semesters and this allows program entry in any semester.

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

For more information contact:
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