Description of Program

The Bachelor of Science in Industrial Technology (BSIT) is a degree completion curriculum designed for students who hold a qualifying Associate in Applied Science degree (AAS) in an industrial or technology related field. There are two completion options: transfer to the main campus or complete online. All required upper division major courses are offered entirely over the Internet, as well as, on the main campus during the day. For online students, these semester-based courses are delivered to allow students flexibility with regard to time and place. The courses are scheduled on a rolling cycle so that the major courses can be completed in as little as two or three years. The Department of Technology Systems has delivered internet-based instruction since 1995 to hundreds of students all over the nation. Please note that our online option is designed for part-time enrollment of one to two courses per term though more courses can be taken if seats are available.

The BSIT Information and Computer Technology concentration focuses on the design, implementation, troubleshooting, and maintenance of computer systems and computer networks. In addition, students are prepared for upward mobility with basic management courses. Students may receive up to 37 hours of lower division major credits for completion of a qualifying AAS degree from a technology related field. In addition, up to 26 hours of general education credits may be applied towards the BSIT if equivalent to our requirements. Graduates are qualified for career advancement opportunities both in technology and managerial fields.

BSIT ICT concentration requirements:

- Completion of a computer related associate of applied science (AAS) degree program prior to enrollment.
- Current Cisco CCENT, CCNA, CCNP, or CompTIA Network + certification prior to enrollment.
- Apply up to 63 semester hours from an accredited community college or technical institute.
- At least 63 semester hours must be completed at a four-year college or university.
- At least 42 semester hours of major coursework must be completed at ECU.
- Only courses with a ‘C’ or better will transfer.
- Total 126 hours required for this degree.
- Visit the program website for admission requirements.

Tuition & Fees for Online (subject to change)
NC Resident: $128 per credit
Non-resident: $553 per credit
Visit www.ecu.edu/cashier for main campus tuition & fee rates.

BSIT ICT Degree Requirements

Industrial Technology & ICT Coursework (42 hours)
- ITEC 3290 Technical Writing
- ITEC 3300 Technology Project Management
- ITEC 3800 Cost and Capital Project Analysis
- ITEC 4293 Industrial Supervision
- ITEC 3200 Introduction to Statistical Process Control

Choose nine courses from below:
- ITEC 3000 Internet Tools Tech (required for online option)
- ICTL 2900 Fundamental Network Security
- ICTL 2530 Network Environment II (RHCSA)
- ICTL 3540 Network Environment III (RHCE)
- ICTL 3900 Web Services Management
- ICTL 4040 Enterprise Information Security
- ICTL 4064 Regulations and Policies
- ICTL 4010 User App. Mgmt and Emerging Technology
- ICTL 4200 Intrusion Detection Technologies
- ICTL 4310 Digital Forensics
- ICTL 4600 Enterprise Info Technology Management
- ICTL 4700 Virtualization Technologies with lab
- ICTL 4750 Enterprise Data Storage Technologies
- ICTL 4800 Information Assurance Technologies
- ICTL 3250 Internetwork Routing Technology (CCNP)
- ICTL 4150 Switching Network Technology (CCNP)
- ICTL 4250 Enterprise Network Security Tech. (CCNA Security)
- ICTL 4590 Netw. Maint. & Troubleshooting (CCNP)

Courses to transfer or taken through ECU (84 hours)

AAS Technical courses (37 hrs)
Math (5 hrs)
- Math 1065 College Algebra
- Math 1074 Trigonometry

English (6 hrs)
- ENGL 1100 Composition
- ENGL 1200 Composition

Humanities & Fine Arts (10 hrs)
- At least one in Humanities
- COMM 2420 or 2410 Speech
- Hum/Fine Arts to total 10 hrs

Natural Science (8 hrs)
- ECON 2113 Prin. of Microecon.
- PSYC 1000 Intro to Psychology
- PSYC 3241 Industrial Psychology
- Social Science Elective

Other Cognates (3 hrs)
- FINA 2244 Legal Envir. of Bus.
- Health & Exercise (2, 1 hrs)

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Program Website: www.ecu.edu/tecs/BSIT

1 Current MCP Exam 70-290 or Exam 70-291 or MCSA or MCSE certification required as a prerequisite.
2 Current CCNA certification required as a prerequisite.