



Information and Computer Technology Concentration

Bachelor of Science in Industrial Technology

Online AAS Degree Completion Program

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 in an industrial or technology related field. There are two completion options: transfer to the main campus or complete online. All required upper level major courses are offered entirely online as well as on the main campus. For online students, the semester-based courses are delivered to allow students flexibility with regard to time and place. The Department of Technology Systems has delivered internet-based instruction since 1995 to hundreds of students all over the nation.

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 lower level major core and free elective credits for completion of a qualifying AAS degree from a computer related field. 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.**
- **Current Cisco CCENT, CCNA, CCNP, or CompTIA Network + certification.**
- 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 (available online).
- Only courses with a 'C' or better will transfer.
- Total 126 hours required for this degree.

Tuition & Fees (subject to change)

NC Resident: \$98 per credit

Non-resident: \$453 per credit



This program is accredited by the National Association of Industrial Technology and the Southern Association of Colleges and Schools.

Industrial Technology ICT Degree Requirements

Industrial Technology ICT Coursework (42 hours)

- ITEC 3000 Internet Tools Technology
- ITEC 3290 Technical Writing
- ITEC 3300 Technology Project Management
- ITEC 3800 Cost and Capital Project Analysis
- ITEC 4293 Industrial Supervision
- ITEC 3200 Introduction to SPC

Choose eight courses from below:

- ICTN 2000 Introduction to Telecommunications
- ICTN 2900 Introduction to Network Security
- ICTN 2530 Network Environment II (RHCT)
- ICTN 3540 Network Environment III (RHCE)
- ICTN 3900 Web Services Management ¹
- ICTN 4040 Communication Security
- ICTN 4064 Regulations and Policies
- ICTN 4010 User App. Mgmt and Emerging Technology
- ICTN 4200 Intrusion Detection Technologies
- ICTN 4600 Enterprise Info Technology Management
- ICTN 4800 Information Assurance Technologies
- ICTN 3250 Internetwork Routing Technology (CCNP) ²
- ICTN 4150 Switching Network Technology (CCNP) ²
- ICTN 4250 Enterprise Network Technology (CCNP) ²
- ICTN 4592 Optimizing Converged Networks (CCNP) ²

¹ Current MSCA, MSCP, Exam 70-290, or Exam 291 certification required as a prerequisite.

² Current CCNA certification required as a prerequisite.

Courses to transfer or taken online (84 hours)

AAS Technical courses (37 hrs)

English (6 hrs)

ENGL 1100 Composition

ENGL 1200 Composition

Science (8 hrs)

Social Science (12 hrs)

ECON 2113 Prin. of Microeconomics

PSYC 1000 Introductory Psychology

PSYC 3241 Industrial Psychology

Social Science Elective

Math (5 hrs)

MATH 1065 College Algebra

MATH 1074 Trigonometry

Humanities & Fine Arts (10 hrs)

At least one in Humanities

COMM 2420 or 2410 Public Speaking

Hum/Fine Arts to total 10 hrs

Other Cognates (3 hrs)

FINA 2244 Legal Envir. of Business

Health & Exercise (3 hrs)

Program Coordinator:

Email:

Phone:

Community College Coordinator:

Email:

Phone:

Fax:

Internet:

David Batts

battsd@ecu.edu

(252) 328-9673

Amy Frank

franka@ecu.edu

(252) 328-9754

(252) 328-4250

www.options.ecu.edu