Manufacturing Systems Option

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 technical courses are offered entirely over the Internet and on the main campus. For distance students, these 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 world.

The ***BSIT Manufacturing Systems Option*** prepares students for careers in fields such as manufacturing and operations management, supervision, and materials planning. The technical courses completed in a qualifying AAS degree provide the fundamental lower half of the technical courses required in the major area within the Industrial Technology degree. Students receive 37 technical credits for completion of a related AAS degree such as found in a technology related field. Graduates are qualified for career advancement opportunities both in technical and managerial fields.

Program requirements

- Completed a qualifying associate of applied science degree program.
- Transfer up to 63 semester hours of the 126 required from any accredited community college or technical institute.
- At least 63 semester hours of the 126 required semester hours must be completed at a four-year college or university.
- At least 36 semester hours of major coursework must be completed at ECU (available online).
- Only courses with a 'C' or better will transfer.

Tuition & Fees (subject to change)

NC Resident: $94 per credit

Non-resident: $450 per credit

Industrial Technology Degree Requirements

Industrial Technology 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
ITEC 3292 Industrial Safety
ITEC 4300 Quality Assurance
IENG 3300 Plant Layout & Materials Handling
IENG 4020 Manufacturing System Planning
IENG 4023 Advanced Manufacturing Systems
IENG 4200 Work Methods & Ergonomic Analysis
Approved Technical Electives (6 hrs)

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)

Contact us:

Program Coordinator: David Batts
E-mail: battsd@ecu.edu
Phone: (252) 328-9673

Program Advisor: Amy Frank
E-mail: franka@ecu.edu
Phone: (252) 328-9754 **or** (800) 398-9275
Fax: (252) 328-5343
Internet: www.options.ecu.edu
www.tecs.ecu.edu/tsys

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

ACCREDITED
NAIT BOARD OF ACCREDITATION

2007 Catalog 3/07