



Industrial Engineering 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* (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 world. Please note that our online option is designed for part-time enrollment to help professionals pursue a degree while working.

The **BSIT Industrial Engineering Technology Concentration** prepares students for careers in fields such as manufacturing and operations management, supervision, and materials planning. Students may receive up to 38 hours of lower division major credits for completion of a qualifying AAS degree from a technology related field. In addition, up to 22 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.

Program requirements

- Completed a qualified associate of applied science degree program.
- Apply up to 60 semester hours from an accredited community college or technical institute.
- Minimum 60 semester hours must be completed at a four-year college or university.
- Minimum 33 semester hours of major coursework must be completed at ECU (available online).
- Only courses with a 'C' or better will transfer.
- Total 120 hours required for this degree.
- Meet ECU admission requirements as posted at www.ecu.edu/admissions.
- Review additional program information at cet.ecu.edu/Techsystems.

Industrial Technology Degree Requirements

Industrial Technology Coursework (42 hours)

- Technical Writing
- Technology Project Management
- Cost and Capital Project Analysis
- Industrial Supervision
- Introduction to SPC
- Industrial Safety
- Quality Assurance
- Plant Layout & Materials Handling
- Manufacturing System Planning
- Advanced Manufacturing Systems
- Work Methods & Ergonomic Analysis
- Approved Technical Elective
- Approved Technical Elective
- Approved Technical Elective or Internet Tools Technology (required for the online option)



Courses to transfer or taken through ECU (78 hours)

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| AAS Technical courses (38 hrs) | Math (3 hours) |
| English (6 hours) | College Algebra |
| Composition I | Humanities & Fine Arts (9 hrs) |
| Composition II | At least one in Humanities |
| Natural Sciences (7 hours) | At least one in Fine Art |
| Social Science (9 hours) | Hum/Fine Arts to total 9 hours |
| Principles of Microeconomics | General Ed Elective (3 hours) |
| Introductory Psychology | Health & Exercise (2,1 hours) |
| Personnel & Industrial Psychology | |

Contact Information

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This program is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE) and the Southern Association of Colleges and Schools (SACS).



Visit www.ecu.edu for information on admission, tuition & fees, financial aid, & more.