ASSOCIATE OF SCIENCE (AS) DEGREE

Two-year Associate of Science programs typically contain 40 percent or more general education, with the balance in technical and profession courses. The coursework provides students with a foundation for transfer to a related baccalaureate program at a four-year institution, and equips students with skills for the job market.

HIGHER EDUCATION. LOWER COST. PERFECT VALUE.

Get more for your money with classes that are close to home and a fraction of the cost of other colleges and universities in Indiana. Whether you want to move up in your field or enter a new field, Ivy Tech can help you get the skills you need. And if you want to continue on to a four-year degree, Ivy Tech helps make it affordable. Our credits transfer to many colleges and universities, so you can graduate with the same education and much less debt.

TRANSFER OPPORTUNITIES

Credits from individual Ivy Tech classes transfer to colleges and universities throughout Indiana and in some cases, entire programs transfer. Whether you are considering a program with a career in mind or want to save money by starting your bachelor's degree at Ivy Tech, transfer options are a great way to get started.

ABOUT THE PROGRAM

The Engineering Technology program will educate skilled technicians who will work with engineers and other technicians to design, implement, and support engineering processes. Activities such as collecting, analyzing, and interpreting data and troubleshooting complex integrated systems will be fundamental concepts in all coursework. As firms continue to seek new means of reducing costs and increasing productivity, demand for engineering technicians to analyze and improve production processes should increase. Students will develop basic and advanced skills appropriate to the application of science, technology, engineering and math that will enable graduates to enter the workforce and/or transfer to a four-year engineering technology program. Graduates can continue their education at Purdue University statewide programs.

EARN MORE AND IMPROVE YOUR SKILLS

If you want a good-paying job, you need to invest in your education. With an associate degree from Ivy Tech Community College, you’ll earn an average of $8,000 more each year than you would with just a high school degree. Over the course of your career, this has a tremendous impact on your earning power: a difference of up to $400,000. As a result, you’ll have the chance to explore opportunities that are well worth the time you’ll spend in class.

CAREERS IN THIS FIELD

- Process Designer
- Process Technician
- Product Designer
- Research Associate
## FIRST YEAR
### Fall Semester
- DESN 103 CAD Fundamentals
- METC 106 Introduction to Engineering Technology
- ECON 101 Economics Fundamentals
- ENGL 111 English Composition
- IVYT 1XX Life Skills Elective
- MATH 136 College Algebra

### Spring Semester
- DESN 223 Parametric Solid Modeling
- METC 143 Materials & Processes I
- BUSN 105 Principles of Management
- CINS 113 Logic, Design & Programming
- MATH 137 Trigonometry with Analytic Geometry

## SECOND YEAR
### Fall Semester
- DESN 221 Statics
- EECT 111 Introduction to Circuits Analysis
- CINS 137 Visual Basic Programming
- COMM 101 Fundamental of Public Speaking
- PHYS 101 Physics I
- Elective Humanities/Social & Behavioral Sciences

### Spring Semester
- EECT 112 Digital Fundamentals
- BUSN 208 Organizational Behavior
- COMM 202 Small Group Communications
- PHYS 102 Physics II
- Elective Humanities Elective

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**Program Chair:** School of Applied Sciences  
**Phone:** (812) 429-1479

To learn more about employment and salary information for careers in this field, visit the U.S. Department of Labor’s Bureau of Labor Statistics website at bls.gov and the official career site of the State of Indiana, indianacareerconnect.com.

Ivy Tech Community College is accredited by North Central Association of Colleges and Schools.