Changing Lives

1-888-IVY-LINE
(888-489-5463)
ivytech.edu
With 23 campuses throughout Indiana, Ivy Tech Community College allows students to take classes close to home or work. We also offer classes in more than 75 communities, bringing us closer to an even greater number of cities and towns.
Changing Lives

INVEST IN YOUR FUTURE

Whether you're looking for a better job, a promotion, or just an increase in salary, a degree from Ivy Tech Community College of Indiana can help you get what you want. We offer the most affordable tuition in the state, credits that transfer, campuses close to home, flexible schedules, and online classes, making Ivy Tech the perfect choice for career-minded students. All of our programs are developed with input from employers in today's fastest-growing fields, giving you a relevant, career-focused education. Our goal is to help you make the most of your time—and your future.

If you want a career where you can research and help solve important problems, Ivy Tech's School of Applied Science and Engineering Technology is the place to start. Employers in fast-growing fields like agriculture, biotechnology, chemical technology, kinesiology, and pre-engineering need qualified, skilled professionals who are trained for today's workplace. With an associate degree or certificate from Ivy Tech Community College, you will have the credentials to enter the job market to start a good-paying job right out of college, or continue your education at a four-year institution. Contact us today to learn more about programs offered in your area.

Information is valid as of this document's publication date. Please visit www.ivytech.edu for the most up-to-date information.

DEGREE/CERTIFICATE PROGRAMS

Ivy Tech Community College offers more than 150 programs and concentrations statewide, including in the traditional classroom setting and online. The chart below includes all of our School of Applied Sciences and Engineering Technology programs in bold text, along with the concentrations offered through these programs, where applicable. We also have included examples of the careers you might pursue through each area of study. Use this chart to explore the options available to you at our 23 campuses statewide.

AREA OF STUDY

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<thead>
<tr>
<th>GARY</th>
<th>VALPARAISO</th>
<th>MORGAN CITY</th>
<th>SOUTH BEND</th>
<th>ELKHART</th>
<th>FORT WAYNE</th>
<th>KOKOMO</th>
<th>ANDERSON</th>
<th>MARION</th>
<th>TERRE HAUTE</th>
<th>INDIANAPOLIS</th>
<th>SOUTH BEND</th>
<th>WARSAW</th>
<th>ELKHART</th>
<th>FORT WAYNE</th>
<th>LAWRENCE</th>
<th>BLOOMINGTON</th>
<th>EVANSVILLE</th>
<th>SELLERSBURG</th>
<th>BLOOMINGTON</th>
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CAREER EXAMPLES

Agriculture

Crop Production

Solute Production

Biotechnology

Chemical Technology

Forensic Laboratory Technician

Kinesiology

Pre-Engineering

Two kinds of ASSOCIATE OF SCIENCE (AS) DEGREE programs are available: programs for technical/professional fields and for liberal arts. AS programs in technical and professional areas prepare students to start their career or to transfer to four-year institutions. AS liberal arts programs prepare students for transfer to four-year colleges or universities.

The CERTIFICATE can be completed in fewer credit hours than other types of academic programs. Certificate programs prepare students to sit for a certification exam in a short amount of time, and are offered in fields most likely to lead to employment or promotion.

The TECHNICAL CERTIFICATE (TC) is a one-year program that provides education in conceptual and technical skills for specific occupations.

TYPES OF DEGREES OFFERED AT IVY TECH COMMUNITY COLLEGE

At Ivy Tech, you can earn a variety of two-year degrees as well as one-year technical certificates. Before you enroll, check with your local campus to see what types of degrees or certificate programs are available in your area of study. An admissions counselor can help you choose an option that matches your career aspirations.

The ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE prepares students for a career.

The ASSOCIATE OF ARTS (AA) DEGREE prepares students to transfer to a four-year college or university. The curriculum is almost entirely made up of general education and liberal arts courses.

The ASSOCIATE OF FINE ARTS (AFA) DEGREE prepares students for transfer to a related program at a four-year school or a career in the fine arts.
Indiana’s agriculture industry is high-growth and high tech. Changes in the business of agriculture have tremendous potential for our economy, the environment—and your future. Through this comprehensive program, Ivy Tech Community College gives you the technical skills and knowledge you need to begin your career in agriculture and related industries or continue on to a four-year degree.

**CAREERS IN THIS FIELD**

- **Farm Management**
- **Technical Representative**
- **Meat Processor**

**DEGREES:** ASSOCIATE OF APPLIED SCIENCE, ASSOCIATE OF SCIENCE

**CROP PRODUCTION**

Our state is well-known for its corn and soybeans, but changing technology is broadening the scope of crop production in Indiana. In this concentration, you’ll study the science behind crop production, learning how to maximize profit and production, adapt in changing environmental conditions, and make the best use of a farm’s resources.

**SWINE PRODUCTION**

Maximizing the productivity of a swine operation requires a diverse set of skills and knowledge. In Ivy Tech’s Swine Production concentration, you’ll learn the latest in animal science, allowing you to get the most out of livestock.

**BIOTECHNOLOGY**

Biotechnology is a growing, exciting field with opportunities that can put you on the cutting edge of science. Ivy Tech’s Biotechnology program prepares you to work in a variety of life science laboratory settings, or continue on to a four-year college or university. Students learn the analysis of biological molecules, the use of bioreactors and fermentors, recombinant DNA technology, the generation of cell cultures and the safe operation of laboratory equipment.

**CAREERS IN THIS FIELD**

- **Clinical Technician**
- **Laboratory Technician**

**DEGREES:** ASSOCIATE OF APPLIED SCIENCE, ASSOCIATE OF SCIENCE

**CHEMICAL TECHNOLOGY**

Skilled workers in Chemical Technology are needed to ensure safety and provide innovative solutions to problems. This program focuses on applying the principles of science, math and technology to prepare and analyze samples. You’ll learn how to clean, decontaminate, assemble, sterilize, and package instruments, and how to work in a laboratory alongside other professionals.

**CHEMICAL LABORATORY TECHNICIAN**

Chemical Laboratory Technicians use state-of-the-art equipment to gather and analyze data. The Chemical Laboratory Technician concentration can help you start a rewarding career working side by side with chemists, chemical engineers, and other technical specialists. Chemical Laboratory Technicians work as part of a team, so communication skills are crucial for success.

**FORENSICS LABORATORY TECHNICIAN**

You’ve seen the work of Forensics Laboratory Technicians on the nightly news and television dramas. Be a part of this exciting field with a degree from Ivy Tech Community College. You’ll learn how to analyze physical evidence from crime scenes, document your findings, and identify and classify substances, materials, and other evidence collected at the crime scene.

**KINESIOLOGY**

With an Associate of Science degree in Kinesiology, you will acquire an understanding of motion, particularly of the human body. This degree prepares you to work in entry-level positions in fitness leadership, sports management, wellness promotion, and corporate wellness. You can begin your career right away, or transfer from Ivy Tech Community College to a four-year college or university.

**CAREERS IN THIS FIELD**

- **Corporate Wellness**
- **Fitness Center Staff**
- **Sports Management**

**DEGREE:** ASSOCIATE OF SCIENCE

**PRE-ENGINEERING**

The Pre-Engineering program prepares students with an associate degree that transfers to a four-year college or university engineering program. You’ll receive a strong foundation in science, math and technology, with a special emphasis on the analytical skills necessary in engineering design, problem solving, and working in a team environment. The skills and knowledge you acquire at Ivy Tech Community College can be applied to a wide range of specialties, including electrical, mechanical, civil, industrial, and chemical engineering.