

SCHOOL OF TECHNOLOGY

INDUSTRIAL TECHNOLOGY



CAREERS IN THIS FIELD

Industrial Maintenance

Industrial Technologist • Machinist

Quality Manager • Welding

ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE

Two-year Associate of Applied Science degree programs prepare students for careers, career changes and career advancement. AAS programs may also prepare students for transfer to four-year institutions. The program content, which is approximately 30 percent general education, provides depth and breadth in conceptual and professional/technical skills. Professional/technical courses equip students with the skills to obtain employment and to advance in the workforce.

ASSOCIATE OF APPLIED SCIENCE (AS) DEGREE

Two-year Associate of Science programs typically contain 40 percent or more general education, with the balance in technical and professional 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.

CERTIFICATE (CT)

Certificates are sequences of technical and professional courses. They provide access to targeted, short-term workforce training, and completers may sit for specific certification exams. Certificate programs generally take less than one year to complete.

Not all concentrations are offered at all campuses. Please contact the Columbus/Franklin Region of Ivy Tech Community College campus for more information.

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.

ABOUT THE PROGRAM

The Industrial Technology program is designed to prepare you for the modern industrial environment. In world class manufacturing facilities, CNC machines and automated equipment fabricate industrial and consumer products. Working in the modern manufacturing facility requires highly specialized skills in industrial maintenance, welding, and HVAC.

TECHNICAL CERTIFICATE (TC)

One-year Technical Certificate programs provide education in conceptual and technical skills for specific occupations. Each program contains a sequence of required courses in a recognized concentration within a program.

CAREER DEVELOPMENT CERTIFICATE (CDC)

Career Development Certificates are short-term, non-degree sequences for students who desire to develop competencies in a specific area. These programs are less than 30 semester credits in length.

CONCENTRATIONS IN THIS PROGRAM

FLUID POWER (CERTIFICATE ONLY)

Leads to employment in manufacturing or industrial related fields, completion of an AAS degree in Manufacturing and Industrial Technology, and /or taking the National Fluid Power certification exam.

HEATING, VENTILATION AND AIR CONDITIONING

This concentration will prepare you to install and repair heating, air conditioning, refrigeration, and ventilation systems.

MAINTENANCE

This concentration will provide you with a broad range of skills applicable to a variety of jobs in the industrial environment. You will be prepared to install, repair, maintain, and troubleshoot industrial machinery and equipment such as pumps, motors, PLC technology, pneumatic and hydraulic systems, industrial robotics, and production machinery.



ivytech.edu
888-489-5463