



CAREERS IN THIS FIELD

HVAC Technician

Carpenter

Electrical Installer

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.

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.

CERTIFICATE (C)

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.

ABOUT THE PROGRAM

The construction industry has placed new demands on the building industry. There is a need for employees skilled in estimating, writing specifications for building plans, layout and assembly of residential steel framing, and building restoration and renovation. This program will give you the knowledge and skills necessary for job success either as a selfemployed business person, or as an employee in home improvement centers, plumbing and electrical contractors, carpentry trades, or many other phases within the construction industry.

CONCENTRATIONS IN THIS PROGRAM

CONSTRUCTION TECHNICIAN (CERTIFICATE ONLY)

Leads to employment in a construction technology related profession or completion of an AAS degree in Construction Technology.

LANDSCAPE TECHNOLOGY

This concentration is designed to provide understanding and skill in the technical requirements for work in any of the many areas of employment in the “green industry.” The curriculum is planned to prepare you for positions in landscape construction and management, golf course, park and cemetery maintenance.

RESIDENTIAL AND LIGHT CARPENTRY

This concentration places an emphasis on woodworking, design and installation. Learn to build and install cabinetry and to assist clients in selecting and designing residential and commercial cabinetry.



ASSOCIATE OF APPLIED SCIENCE 63 credit hours**FIRST YEAR****Fall Semester**

CONT 101	Intro to Construction Technology
CONT 106	Construction Blueprint Reading
IVYT 1XX	Life Skills Elective
TECH 104	Computer Fundamentals for Technology
Elective	Technical Elective

Spring Semester

BCOT 104	Floor & Wall Layout & Construction
BCOT 105	Roof Construction
CONT 102	Construction Materials
CONT 127	Electrical Basics
Elective	Math/Social & Behavioral Sciences
Elective	Technical Elective

SECOND YEAR**Fall Semester**

BCOT 113	Interior Trim
BCOT 114	Exterior Trim
ENGL 111	English Composition
MATH 121	Geometry/Trigonometry
Elective	Technical Elective

Spring Semester

CONT 204	Estimating and Specifications
CONT 279	Capstone Course
COMM 101	Fundamentals of Public Speaking
SCIN 101	Science of Traditional & Alt. Energy
Elective	Humanities Elective
Elective	Technical Elective

Suggested Technical Electives:

BCOM 103	Green Construction
BCOM 105	Concrete and Soils
BCOM 115	Construction Practices
BCOM 208	Construction Business Management
BCOM 220	Planning and Scheduling
BCOM 235	Safety and Risk Management

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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.

