



CONSTRUCTION TECHNOLOGY

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PROGRAM OVERVIEW

Construction Technology focuses on classroom and lab experiences involving the formation, installation, maintenance, and repair of buildings and structures. This program provides instruction in reading technical drawings and transforming those drawings into physical structures. The relationship of views and details, interpretation of dimension, transposing scale, tolerance, materials list, architectural plans, geometric construction, three dimensional drawing techniques, and sketching are presented as well as aspects of residential design and site work. WCC partners with IKORCC (Indiana Kentucky Ohio Regional Council of Carpenters) to offer pre-apprenticeship opportunities for students who complete the two-year program.



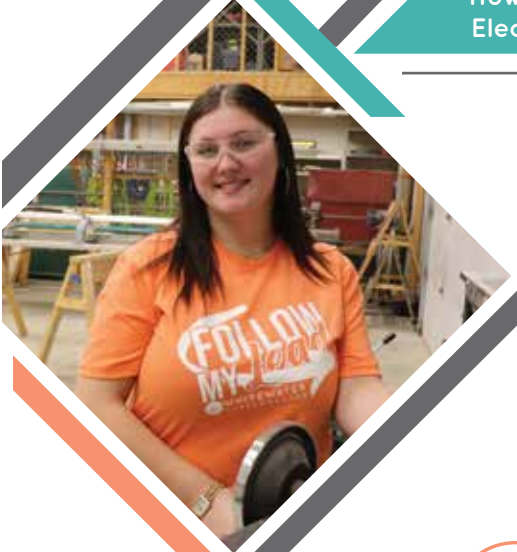
YOU WILL LEARN

- Construction from the ground up
- How to read technical drawings
- Beginning aspects of residential design & site work
- How to apply skills to school & community building projects
- How to work in a team setting with Electricity students

GET YOURSELF READY

To be successful, do well in all academic classes, be on track for graduation, and have a good work ethic. The following courses will be helpful in this career area:

- Preparing for College and Careers
- Digital Applications & Responsibility
- Principles of Business Management



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CERTIFICATIONS & DUAL CREDITS

OSHA 10-Hour Construction Industry Safety Certification
 IKORCC (Indiana Kentucky Ohio Regional Council of Carpenters) -
 Carpentry Level 1 Apprenticeship Certification

Vincennes Dual College Credits	
CNST 100 Construction Seminar	1 credit
CNST 120 Construction Safety	3 credits
CNST 105 Framing	2 credits
CNST 105L Framing Lab	2 credits
CNST 160 Finish Carpentry	2 credits
CNST 160L Finish Carpentry Lab	2 credits

Industry certifications are earned in both years.
 Dual credits are earned in year one.

* Certifications & dual credits offered are subject to change.

NEXT CAREER STEPS

Students wanting to enter an IKORCC apprenticeship program are offered advanced credit, bypass the interview and testing steps, and have direct entry into the apprenticeship program through a faster, more efficient process. Students may also continue their education at a 2 or 4-year college or enter the workforce in one of many construction trades.

POTENTIAL CAREERS

- Construction Laborer \$47,850
- First-Line Supervisor \$74,450
- Construction Manager \$101,790
- Carpenter \$53,550
- Construction Equipment Operator \$63,180
- Architect \$81,840

Indiana Department of Workforce Development, Oct 2024

INDIANA MEAN WAGE



TRANSCRIPT INFORMATION NEXT LEVEL PROGRAM OF STUDY

Cluster: Architecture and Construction Pathway: Construction Trades (Carpentry)

CONSTRUCTION TECHNOLOGY YEAR I

DOE Course Codes:

7130 Principles of Construction Trades	1 credit per semester
7123 Construction Trades: General Carpentry	1 credit per semester
7122 Construction Trades: Framing and Finishing	1 credit per semester

Co-requisites: Courses must be taken concurrently
 Recommended Grade Levels: 11, 12

CONSTRUCTION TECHNOLOGY YEAR II

DOE Course Codes:

7242 Construction Trades Capstone	3 credits per semester
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Prerequisite: Year I
 Recommended Grade Level: 12

Construction Technology II qualifies as a Quantitative Reasoning Course (QR).



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