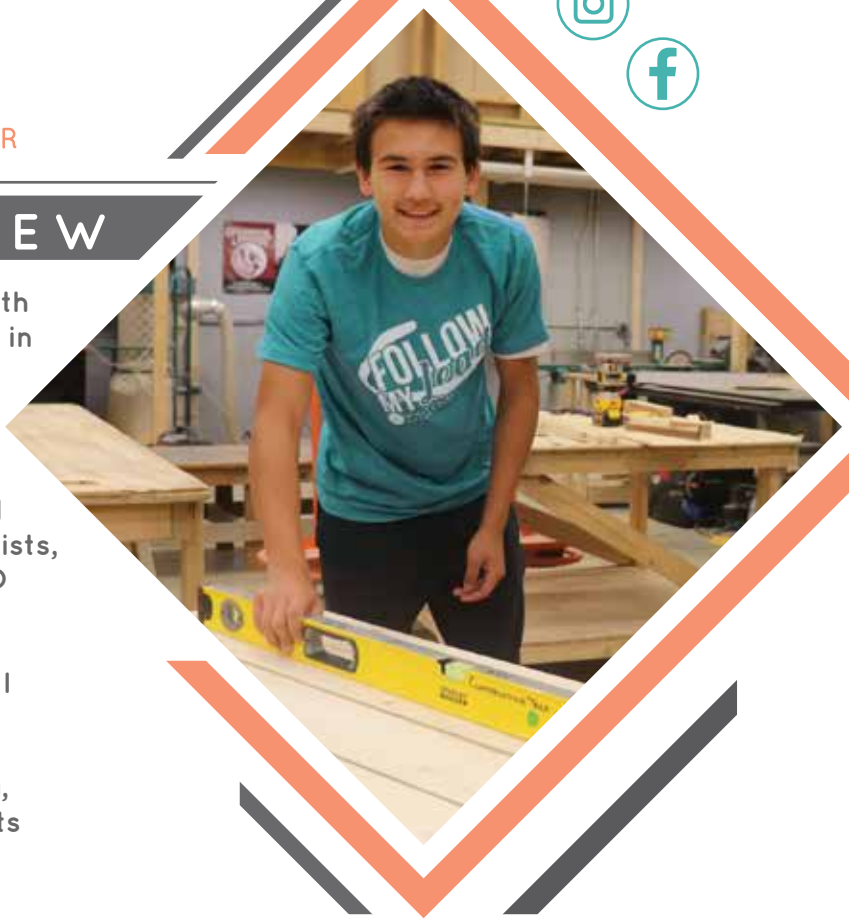
www.WhitewaterCareerCenter.org

CONSTRUCTION TECHNOLOGY

WHITEWATER CAREER CENTER

PROGRAM OVERVIEW



Construction Technology provides students with both classroom and hands-on lab experiences in the formation, installation, maintenance, and repair of buildings and structures. Students learn to read and interpret technical drawings and transform them into physical projects, applying concepts such as views and details, dimensions, scale, tolerance, material lists, architectural plans, geometric construction, 3D drawing techniques, and sketching.

The program also covers aspects of residential design and site preparation. In addition, Construction Technology students complete real-world projects throughout the community, giving them practical experience that connects directly to industry expectations.

>>> 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



MEETZY FUTURE BUILDER.

Rushville Consolidated High School and Construction Technology student at Whitewater Career Center

Pre-Apprenticeship Program & Early College Career Program

CONSTRUCTION TECHNOLOGY

CERTIFICATION & DUAL CREDITS

HBI / National Association of Home Builders: Carpentry Basic
IKORCC: 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

Certifications are earned in both years. Dual credits are earned in year one.
Students must meet the eligibility requirements to enroll in dual credit courses.
Sophomores may not be eligible to enroll in all dual credit courses.
* Certifications and dual credit courses offered are subject to change.



NEXT CAREER STEPS

Upon completion of this program, students will be well prepared to pursue multiple pathways toward their future careers. They may choose to continue their education through 2- or 4-year degree programs in construction management, engineering, or related fields. Others may enter registered apprenticeship programs that provide structured, hands-on training with industry partners. Students also have the option to step directly into employment within the many skilled construction trades, where demand for qualified workers remains strong.

POTENTIAL CAREERS

- Construction Laborer
- First-Line Supervisor
- Construction Manager
- Carpenter
- Construction Equipment Operator
- Architect

COURSE INFORMATION

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

Prerequisite: Year I
Recommended Grade Level: 12

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

Centerville | Connersville | Franklin County
Lincoln | Rushville | Union County

WHITEWATER CAREER CENTER

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