



INTRODUCTION TO THE SKILLED CONSTRUCTION TRADES A PRE-APPRENTICESHIP PROGRAM

In the Introduction to the Skilled Construction Trades Program, high-school juniors and seniors gain hands-on experience and build skills to prepare them for careers in the building industry. Many juniors pursue co-op assignments in their senior year. Many seniors go on to jobs immediately upon graduation while others continue to pursue licensure through continued education at Enzweiler and other institutions. Students complete industry-recognized credentials through the PACT Curriculum of the Home Builders Institute (HBI). Programs are aligned with Residential Carpentry Assistant Pathway through the Kentucky Department of Education Career and Technical Education Division.

Each year's assignments vary to reflect current needs and opportunities in the building industry. Recent graduates have completed the following assignments and more:

- *OSHA 10
- *Safe use of hand and power tools
- *Wood and metal framing
- *Review of residential mechanical systems
- *Blueprint reading
- *Basic concrete application
- *Principles of wiring and electrical connections
- *Tiling
- *Hanging cabinets
- *Measuring, hanging, finishing and repairing drywall
- *Basic finish work
- *Estimating and budgeting for construction projects
- *Deep dive into masonry
- *Installation of windows and doors
- *Job "soft" skills and interviewing
- *Review of basic plumbing principles
- *Welding basics
- *Soldering and brazing
- *Principles of heating, air conditioning & refrigerants
- *Roofing
- *Building of multiple sheds
- *Customer service principles

Students attend the program four days per week during the school day and must be referred by their school to participate. Contact your guidance office about the Introduction to Skilled Trades Program at the Enzweiler Building Institute at the Building Industry Association of Northern Kentucky.



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