

Construction Trades

This course prepares individuals to apply technical knowledge and skills to lay out, cut, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools. Instruction includes technical mathematics, framing, selecting construction materials, job estimating, drawing set preparation, foundation layout, electrical and plumbing rough-in, finish carpentry techniques, and applicable codes and standards.



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| <ul style="list-style-type: none">● Learn about equipment use and safety● Use hand and power tools● Read blueprints / drawing sets● Learn various carpentry and wood construction methods● Find out about construction project management● Estimate building projects● Construct walls● Study different types of roofing and install some.● Learn about building codes | <ul style="list-style-type: none">● Learn tool identification and proper usage● Learn proper measuring techniques and materials measuring.● Plumb simple projects● Learn flooring and ceiling construction● Study different walls types, partitions, and roof construction techniques.● Study masonry types and techniques● Remodeling techniques● Basic wiring techniques● Jobsite safety |
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Who: Juniors and seniors

Hours: 1:00 pm - 3:30 pm (This program will run in the afternoons, with a possibility of a 12:30 pm start).

Note: Extra Curricular Activities and Athletics participants will be allowed to enroll.

Credits: 1 CTE Credit, .5 math credit per semester (3 credits for the year).

Certification: OSHA-10 Certification

Informational Event: TBD.... Please contact Chad Prewitt @ prewitt@davenportsd.org, (509) 280-0329 for further information.