



CONSTRUCTION TRADES

INTRO TO CONSTRUCTION TRADES (Grade 10) (1 Credit)

Intro to Construction Trades students will learn proper and safe use of power tools and pneumatic nail guns while building projects for the class or personal projects of their own (hunting blinds, ice shanties, electrical and much more). The main purpose of this course is to provide students the skills needed for a career and useful knowledge for everyday projects.

CONSTRUCTION TRADES I (2 Credits)

Construction Trades I is designed for students interested in learning basic skills related to construction and maintenance of small and large structures. Hands-on experience will be gained through the construction of a house from the planning stage to completion, as well as various building/repair projects. Learning experiences will be gained through introduction to hand and power tools use, building materials, blueprint reading, computer-aided design, carpentry skills, roofing, vinyl siding, electrical, painting, finishing woodwork, landscaping and employability skills.

CONSTRUCTION TRADES II - ADVANCED (2 Credits)

Construction Trades II – Offered to eleventh and twelfth grade students interested in pursuing a career in the construction industry. Students will encounter opportunities reflecting construction as a profession, developing self-images as a trades person, and experiencing realities of job duties. There will be many opportunities for students to develop an understanding of basic skills at every facet of the trades. Students will have the opportunity to explore safe and proper use of hand and power tools, construction based mathematics, basic surveying, site preparation, basic concrete masonry, basic block masonry, basic blueprint reading, basic rough carpentry, basic finish carpentry, basic electric wiring, basic plumbing, basic drywall, and employability (work habits/professional/teamwork) job skills. Students will earn a Certificate of Completion which will allow them to get a direct interview and credit towards their 4 year apprenticeship with the State of Michigan Carpenter and Millwright Apprenticeship Program. Students to be on time, pay attention, daily preparation, cooperative attitude, respectful, engage in learning activities, follow school codes of conduct, and abide by all shop and work environment safety rules.

Prerequisite: Construction Trades I and Instructor Invite

