



Building Trades

BUILDING TRADES introduces most of the skills involved in building and remodeling a house. The fundamentals of carpentry, plumbing, electrical, and masonry will be covered and developed according to the student's individual capabilities through hands-on projects. As is in the working world, students will spend a large part of their class time in the shop and outdoors, working with their hands and gaining physical and academic skills. Students work with power tools enabling them to finish substantial building projects.

Work Environment

Carpenters work outdoors as well as indoors and should not be afraid of heights. Safety rules must be followed at all times. The correct use and care of hand and power tools, the importance of accurate measurement and basic knowledge of reading plans for projects will be undertaken.

In addition, students have opportunities to learn proper set-up and removal of ladders, pumps, jacks and a variety of scaffolding.

Career Opportunities

Building Supplies Sales
General Carpenter
Finish Carpenter
Framer
Sheather
Trimmer
Flooring Installer
Siding Installer (all types)
Roofer
Stage-set Carpenter
Cabinetmaker
Sheetrock/Spackler
Painter
Carpenter's Helper/Apprentice
Electrician's Helper/Apprentice
Plumber's Helper/Apprentice
Hardware Assistant
Lumberyard Assistant
Electrical Supply Assistant
Plumbing Supply Assistant

Employment Outlook

For the most up-to-date employment outlook in this career or a related field, see Occupational Outlook Handbook: US Bureau of Labor on the website: www.bls.gov/ooh/

Course Outline

- Shop and Field Safety Procedure
- Basic Hand Tools & Power Tools: care, maintenance and use
- Interpretation of Drawings
- Measurement
- Skills in Accurate Workmanship
- House Framing
- Roofing, Siding,
- Cabinetmaking
- Basic Electric
- Basic Plumbing
- Interior Finishing