



Building Trades

BUILDING TRADES develops skills and knowledge which apply to the construction of houses and commercial buildings. Students will learn skills necessary to do flooring, siding, and roofing. The building of cabinets, counters and other interior improvements are included in the curriculum. Students will become versed in all areas of alterations. Many special projects, on and off-site are designed to reinforce the skills.

Work Environment

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

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

Career Opportunities

General Carpenter
Finish Carpenter
Framer
Sheather
Trimmer
Flooring Installer
Siding Installer (all types)
Roofer
Stage-set Carpenter
Cabinetmaker
Sheetrock/Spackler
Painter
Assistants in the areas listed above

Employment Outlook

At present the industry is being revitalized with new home construction on the increase in the New York/ Long Island area. There are jobs available with contractors who are building additions to existing houses, adding garages and carports and other types of wood frame and steel stud construction. There are also jobs available in the area for renovations of homes, small businesses, shops and office buildings.

Course Outline

- Shop and Field Safety Procedure
- Basic Hand Tools and 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

Consider these Courses at Tech

- Building and Grounds /Maintenance*
- Carpentry
- Construction Electricity
- Drafting/Computer Aided (CAD)
- HVAC
- Marine Technology
- Welding

All placements are based upon individual needs and approval from the district and parent/guardian.

*Smaller class size.