Building & Construction Trades

Construction Technology I

This introductory course equips highschool studentswith foundational knowledge and practical skills to explore careers in the building and construction trades. The General goal of the Con struction Technology course is to provide students with entry level skills in the occupational are as of carpentry, electrical, plumbing and the construction trades. Emphasis will be placed on the production methods, execution and craftsmanship of work and the use of materials given.

Course Length:
1 Year/2 Periods
High School Credits: 20

Construction Technology II

ConstructionTechnology II allows for returning students thathave successfully completed Con struction Technology I the opportunity to expand their construction knowledge, experience, and workplace readiness by assuming the leadership roles of manager, instructor and mentor associ ated with the construction industry.

The Construction Technology II program builds upon the Construction Technology I course re-quirements and focuses on residential and commercial construction. The course covers basic construction math associated with measurement, scaled drawings, blueprint reading, safety and proper use of both hand and power tools relating to the general construction industry.

Students acquire these skills through the use of technology and real world problem solving as they move through the execution of small to large construction projects. Integrated throughout the course are skills that include communication, work ethics, interpersonal/team skills, critical thinking and related employment skills essential to the 21st Century employment arena.

Course Length:
1 Year/2 Periods
High School Credits: 20





For Students Interested In ...

Learning about careers in the field of residential and commercial building and construction.

This includes construction math, blueprint reading, tool safety, and project execution through hands-on projects.

Our Classes

www.tvrop.org

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Construction Technology I

Construction Technology II

Tri-Valley Regional Occupational Program

"Careers by Choice, Not by Chance"