

Construction Technology II



Prerequisite: Construction Technology I

Course: 1825CA/1825CB **Credits:** 2

Length: 36 weeks

Placement: 11-12

Course Description

This advanced course is designed to prepare students for an entry-level position in the Construction Industry. The course focuses on two major mechanical building trades: Plumbing and Electrical, plus Advanced Framing Systems and Masonry.

Student Activities

Students will work in small teams to construct “live trainers” where they apply carpentry skills to frame/erect their “classroom”. They will install all the plumbing for a bathroom, as well as a full breaker panel including 4 circuits of ‘live’ electrical needs. Their trainer will be inspected as if it were a jobsite under construction. When available, students may travel to Habitat for Humanity jobsites to apply their skills on a future home!

Certifications



NATIONAL CENTER FOR
CONSTRUCTION EDUCATION
AND RESEARCH

NCCER *Construction Technology*
NCCER *Electrical*, NCCER *Plumbing*
TDLR *Electrical Apprentice*

Student Cost: \$10 BBIA: \$10

OSHA Student Cost: \$12.50 BBIA: \$12.50

Organizations

SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps each student excel.

Surveying, Plumbing, Carpentry, Electrical, TeamWorks, Masonry



Additional Considerations

Students need fine motor skills and mobility.