

Principles of Construction



Prerequisite: None

Course: 1824CT

Credits: 1

Length: 18 weeks

Placement: 9-12

Course Description

Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, common hand and power tools, plus Materials Handling. This course also provides communication and employability skills to assist the student in obtaining and maintaining employment. Certification Modules for each unit of study are obtainable from NCCER. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Student Activities

Students will work on individual performance tasks identified in the NCCER certification curriculum as well as individual and small group projects utilizing common building materials, blueprints plus hand and power tools to reinforce the curriculum through project-based learning.

Certifications

NCCER Core Certification Possible
Student Cost: \$20

Certification paid for by CTE if student has an 80+ GPA in course and passes a practice test

Additional Considerations

Students need fine motor skills and mobility. Students handle sharp objects and use power tools.

If seeking certification, curriculum cannot be modified.

