

CFISD Construction Technology I

Scope and Sequence

Endorsement: Business & Industry

Cluster: Architecture & Construction

Meets advanced course requirement? NO ▾

Program of Study: Construction

Meets foundation requirement for math, science, fine arts, English, LOTE? NO ▾

Course Description:

In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.

TEKS link

- 2 credits
- Grades 10-12
- Lab supplies or fee may be required
- Required prerequisites: Principles of Architecture **OR** Principles of Manufacturing

Industry Certification/Credential: NCCER CORE

TEA recognized IBC (to count toward program of study completion)? YES ▾

Instructional Units	Grading Period
Professionalism and Employability Hand Tools/Power Tools Dimensional Lumber Project Careers in Construction	N1 (fall)
Foundations/Forms and concrete Wood Floor Framing Construction Skills Project	N2 (fall)
Framing Construction Skills Project (continued) Wall Framing Scale model Projects Roof framing Full scale framing project	N3 (spring)
Windows and doors Stair Construction Building management	N4 (spring)

Primary Instructional Materials: Modern Carpentry by Goodheart-Wilcox

Supplemental Instructional Materials: NCCER CORE Curriculum: Introductory Craft Skills