

CFISD Construction Technology II

Scope and Sequence

Course Description: In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills. (2 Credits)

- Grades 11-12
- Required prerequisite: *Construction Technology I*
- Lab supplies or fee is required.

TEKS

Program of Study: Construction/Carpentry

Cluster: *Architecture & Construction*

Endorsement: *Business & Industry*

- Meets advanced course requirement (Y/N): Yes
- Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): No

Industry Certification/Credentials: *OSHA 10 Certification/ NCCER Carpentry Level 2*

Instructional Units	Pacing
<p>1st Semester</p> <p>Construction Math Construction Science Safety & Health Tools & Equipment Drawings used for construction Residential Roofing material and installation Insulation materials and installation Exterior siding and installation</p>	<p>1st Grading Pd</p> <p>2nd Grading Pd</p>
<p>2nd Semester</p> <p>Exterior siding and installation (Continued) Drywall and installation Steel framing and installation Installation of steel doors and windows Suspended ceilings and installation Scale Modeling Plumbing Trim and finish work Cabinets and countertops</p>	<p>3rd Grading Pd</p> <p>4th Grading Pd</p>

Primary Instructional Materials: *Modern Carpentry*