

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

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*

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

Primary Instructional Materials: *Modern Carpentry*