

Construction Technology II (Dual Credit) CNBT-1350-364.

Course Length: One Semester (16–18 Weeks)

Grade Level: 11–12

High School Credit: 0.5 CTE Credit

College Credit: 3 Semester Credit Hours (South Plains College)

Prerequisite: Construction Technology I or instructor approval

Course Description

Construction Technology II is an advanced, college-level course aligned with South Plains College construction technology pathways. Students apply foundational skills to advanced residential construction systems, cabinetry, precision woodworking, finishing techniques, and project planning. Emphasis is placed on accuracy, leadership, safety, and jobsite professionalism.

TEKS Alignment

This course aligns with advanced TEKS for Construction Technology, including:

- 130.54(c)(1): Advanced shop safety and leadership
- 130.54(c)(2): Stationary and advanced tool operation
- 130.54(c)(3): Blueprint interpretation and layout
- 130.54(c)(4): Residential framing systems and assemblies
- 130.54(c)(5): Cabinetmaking and finish carpentry
- 130.54(c)(6): Project planning, estimating, and career readiness

Student Learning Outcomes

- Safely operate advanced woodworking and stationary machinery
- Interpret and apply residential construction plans and specifications
- Construct framing, cabinetry, or furniture projects to specification
- Apply advanced joinery and wood finishing techniques
- Estimate materials and sequence construction tasks
- Demonstrate leadership and professionalism in a college lab setting

Assessment & Grading

Assessment includes advanced construction projects, written exams, skill demonstrations, and evaluation of professional conduct.

Grading Scale (South Plains College Aligned):

A: 90–100 | B: 80–89 | C: 70–79 | D: 60–69 | F: Below 60