

Dual Credit Disclaimer

This course is offered for dual credit in partnership with South Plains College (SPC). Students enrolled in this course will earn both high school and college credit upon successful completion in accordance with South Plains College dual credit policies. Because this is a college-level course, students are expected to meet all postsecondary academic, attendance, safety, and conduct standards established by South Plains College and the local school district. Grades earned in this course will become part of the student's permanent South Plains College transcript and may impact future college GPA. Failure to adhere to lab safety rules or institutional policies may result in removal from lab activities or loss of college credit.

Construction Technology I (Dual Credit) CNBT-1316-364

Course Length: One Semester (16–18 Weeks)

Grade Level: 10–12

High School Credit: 0.5 CTE Credit

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

Prerequisite: None

Course Description

Construction Technology I is an accelerated introductory course aligned with South Plains College workforce and technical education standards. The course provides students with foundational knowledge and hands-on skills used in residential construction and woodworking, with emphasis on safety, tool operation, measurement, materials, and professional workplace behavior.

TEKS Alignment

This course aligns with the Texas Essential Knowledge and Skills (TEKS) for Construction Technology, including but not limited to:

- 130.53(c)(1): Safety practices, OSHA-style regulations, and PPE
- 130.53(c)(2): Hand and power tool identification and safe operation
- 130.53(c)(3): Measurement systems and construction mathematics
- 130.53(c)(4): Wood products, fasteners, and building materials
- 130.53(c)(5): Introduction to blueprint reading and construction drawings
- 130.53(c)(6): Employability skills and professional conduct

Student Learning Outcomes

- Demonstrate proper shop and jobsite safety practices
- Safely operate hand and portable power tools
- Apply measurement and basic construction math accurately
- Identify construction materials and fasteners
- Interpret basic residential construction drawings
- Demonstrate professionalism consistent with college and industry expectations

Assessment & Grading

Assessment includes hands-on skill demonstrations, construction projects, written quizzes and exams, and evaluation of professional behavior.

Grading Scale (South Plains College Aligned):

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