

Principles of Construction

Local Course #: 81220

State Course ID: 13004220

Course Description:

Principles of Construction provides an overview of the various fields of construction science and construction technology. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology Applications; systems; safety, health, and environmental; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging.

Link to TEKS:

[https://texas-sos.appianportalsgov.com/rules-and-meetings?\\$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F05%2F2025&recordId=225426](https://texas-sos.appianportalsgov.com/rules-and-meetings?$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F05%2F2025&recordId=225426)

First 9 Weeks Major Topics:

Future of Construction, Construction Safety

Second 9 Weeks Major Topics:

Hand tools, Power Tools, Basic Communication Skills

Third 9 Weeks Major Topics:

Construction Math, Construction Drawings, Rigging

Fourth 9 Weeks Major Topics:

Material Handling, Basic Employability Skills