

7219 Principles of Construction

Credit: 1

Prerequisite: None

Are you interested in restoring or designing something to be new or improved? Discover the tasks that are performed within Construction careers, as well as identify the license and certifications that can be obtained. Learn how to calculate the cost of supplies needed for a project; how to read technical manuals and drawings; and create a floor plan that complies with governmental Safety regulations and codes which are used within these careers.

7220C Construction Technology I

Credit: 2

Prerequisite: Principles of Construction or Principles of Architecture. Student must complete an interest form for enrollment and attend a meeting with instructor. Do you like to use your hands? This is a year-long construction carpentry course which includes knowledge of and the ability to apply the construction process of house foundation, framing, roofing, and exterior and interior finishing. Begin with raw materials and produce a finished project, using a variety of hand and power tools. Instructor will provide industry standard training. Course taught at THS only, but available to students at all LCISD high schools. Enrollment is limited. This course can earn college credit based on Articulation agreements, which are subject to change.

Heating, Ventilation, Air Conditioning (HVAC) & Refrigeration Technology I – Dual with TSTC 7250AD (Fall)**7250BD (Spring)**

Credit: 1

Prerequisite: Construction Technology I; Student must complete TSTC online application; provide Permit to Register, transcripts, shot record; and attend a meeting with TSTC Academic Advisor. See TSTC for additional enrollment and orientation process requirements. This course is taken as part of TSTC dual credit pathway for HVAC Technology. Successful completion will result in TSTC credit. HVAC Technician Certificate I is offered to all students meeting testing requirement see teacher for details. Course will take place at the TSTC campus. Transportation provided. *Not all Dual Credit courses are offered at all campuses. This course is not eligible for semester exam exemptions.

Heating, Ventilation, Air Conditioning (HVAC) & Refrigeration Technology II – Dual with TSTC**7260AD (Fall)****7260BD (Spring)**

Credit: 2

Prerequisite: Heating, Ventilation, Air Conditioning and Refrigeration I – Dual; Student must complete TSTC online application; provide Permit to Register, transcripts, shot record; and attend a meeting with TSTC Academic Advisor. See TSTC for additional enrollment and orientation process requirements. This course is taken as part of TSTC dual credit pathway for HVAC Technology. Successful completion will result in TSTC credit. HVAC Technician Certificate I is offered to all students meeting testing requirement see teacher for details. Course will take place at the TSTC campus. Transportation provided. *Not all Dual Credit courses are offered at all campuses. Course is not eligible for semester final exemptions.