

Career & Technical Education (CTE)

CONSTRUCTION TECHNOLOGY 1

Grades: 9-12

Credits: 0.5 Arts/CTE/2nd Language

Prerequisite: None

Repeat for Credit: No

Other: None

Students will develop hand and power tool skills and an understanding of safety in relation to the construction trades. Students will receive an introduction to construction trades with an emphasis on framing. This is a creative, hands-on class that involves building projects.

CONSTRUCTION TECHNOLOGY 2

Grades: 9-12

Credits: 0.5 Arts/CTE/2nd Language

Prerequisite: Construction Tech 1

Repeat for Credit: No

Other: None

Students will use tool knowledge to design and build advanced projects in the construction trades. There will be a focus on trades (plumbing, electrical, framing, roofing). There will be opportunity for students to design, plan, and construct projects. This is a creative, hands on class that involves building projects.

CONSTRUCTION TECHNOLOGY 3

Grades: 10-12

Credits: 0.5 Arts/CTE/2nd Language

Prerequisite: Construction Tech 1 & 2

Repeat for Credit: No

Other: Portland Community College BST 106

Construction Technology 3 is the first half of a full year advanced Con Tech series. Con Tech students will:

- Become a member of the elite SMHS *Con Tech Crew*, learn job site roles and collaborate to build a variety of projects such as Tiny House construction
- Develop on-the-job skills needed for employment in the Construction field
- Have the opportunity to learn computer aided drafting (CAD) and 3D modeling for the production of small and large scale building projects

CONSTRUCTION TECHNOLOGY 4

Grades: 10-12

Credits: 0.5 Arts/CTE/2nd Language

Prerequisite: Construction Technology 3

Other: College credit pending

Repeat for Credit: Yes

Construction Technology 4 students will work with their crew to complete construction projects begun in Con Tech 3 which include carpentry, concrete work, framing, electrical, plumbing, siding and finishing. With instructor approval, students may also:

- Participate in internships with local building companies or trades
- Interview for employment in the Rogue Valley Construction industry

