

## SHEET METAL (SMTL)

---

### **SMTL 105. Sheet Metal I**

Credits: 3

Typically Offered: FALL

This course is a lecture and drafting class providing an introduction to the sheet metal industry. Covered in this course are tools of the sheet metal industry, trade math I, and parallel line pattern development.

### **SMTL 106. Sheet Metal II**

Credits: 6

Typically Offered: FALL

This course is a lecture, drafting and lab class covering trade math II, basic piping practices, sheet metal duct fabrication standards, soldering, insulation, and radial line pattern development.

### **SMTL 107. Sheet Metal III**

Credits: 4

Typically Offered: FALL

This discussion, lecture, and lab class covers the following aspects of the sheet metal industry: principles of airflow; associated equipment; fiberglass duct; field measuring and fitting and triangulation.

### **SMTL 115. Practical Applications of Sheet Metal**

Credits: 4

Typically Offered: FALL

This lecture and lab course applies theory to actual shop practices including: principles of layout; parallel line development; fasteners, hangers, and supports.