

---

# METALLURGY (422)

---

**422-505 - Metallurgy**

Introduces students to the principles and processes of Metallurgy. Students are exposed to the manufacture of iron and steel, alloying elements, material properties, heat treating, quenching, and tempering for both ferrous and nonferrous metals and alloys. Both destructive and nondestructive testing of metal products are introduced. Must be a state-contracted apprentice to enroll in this course.

1 Credit hours

36 Lecture hours