

Metals II Course Overview

Semester Class

Block: 90 minutes

Course Description:

This course provides advanced instruction in manufacturing and introduces computer-assisted drafting/manufacturing and numerical control processes. Topics include safety, environmental protection, quality control, metallurgy, materials, layout, assembly, sawing, turning, milling, grinding, computer numerical control, computer-aided manufacturing, welding, and maintenance. English language arts and mathematics are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Geometry is recommended as preparation for this course.

Test

Tests will be at least 1 paper/pencil or online each week. Hands on test will occur as student masters objective. No student will be allowed to take test on a phone. No student will be allowed to be wearing a smart watch during seated test of any kind.

GRADING PROCEDURES

Grading:

Each 9 week grading period, the grading will be as follows:

Shopwork = 33%

Classwork = 33%

Tests = 33%

Semester Final Grade:

1st Quarter Grade = 40%

2nd Quarter Grade = 40%

Final Exam = 20%

Final Exam:

Will be given at the end of each course as a review of what was covered during that 18-week period. The final End-of-Course Exam (EOC) is a state mandated test prepared by Teacher or the North Carolina State Exam.