

# Metal Technology

Courses Offered	9	10	11	12
Metal Technology I		•	•	•
Metal Technology II		•	•	•

Metal Technology I & II may be taken in the same year.

## Metal Technology I

Grades 10, 11, 12

1 Trimester | .5 credit

This is a beginning level machine trades course that is designed to help students learn the proper use of machinery and important fundamentals related to a career in metal working/skilled trades. Students will be using tool room lathes, vertical knee mills, and a drill press to complete projects. Along with those machines students will be using multiple hand tools and machinery involved with doing sheet metal work. There is an emphasis on properly using layout and precision measurement.

## Metal Technology II

Grades 10, 11, 12

1 Trimester | 2 class hours | 1 credit

**Prerequisite: Metal Technology I, Recommended: Basic Drafting, Arc Welding**

This is a trimester/2 hour long advanced level machining class designed to explore advanced fixtures/jigs and project building with a high level of accuracy. Machines used by students will build on previous knowledge learned in Metal Tech I and will also include using the surface grinder, CNC mill and sand casting. This course is designed for those students who are seriously thinking of pursuing a career in machining. During this class there will be guest speakers from the industry with talking points on employment and industry expectations.