

### General Course Information

<b>Course Name: Metals II</b>	
Department: Technology & Engineering	Grade Level(s): 9-12
Duration/Credits: 1 semester/ .5 practical art credit	Prerequisites: Successful completion of Metals I or teacher approval
BOE Approval Date:	Course Code: H4051
<b>Course Description:</b>	
Metals II provides metals students the opportunity to work on independent projects. Building upon Metals I, students in level II will utilize new tools and develop new finishing techniques. Metals II develops students' ability to problem solve and work more independently.	
<b>Course Rationale:</b>	
Metals II develops student confidence and ability to work both collaboratively and independently to problem solve and complete more complex projects. This course is designed for students who wish to develop beyond basic metalworking and may have an interest in a future career path.	
<b>Course Objectives:</b>	
<ul style="list-style-type: none"><li>• The student will read, understand, and apply safety protocols for techniques and equipment in the metalworking shop environment (A+ Reading).</li><li>• The student will select and use a wide range of appropriate tools safely and effectively to complete metalworking projects.</li><li>• The student will create, write, and follow plans for metalworking projects (A+ Writing).</li><li>• The student will research, design, and create independent projects (A+ Research).</li><li>• The student will work independently and collaboratively to complete projects and to give and receive constructive feedback. (A+ Speaking and Listening)</li><li>• The student will maintain a safe and clean working environment.</li></ul>	
<b>Standards Alignment:</b>	
List standard set(s) to which course has been aligned	