

Curriculum Standard: The student will be able to apply the basic skills, such as electricity, small engines, power tool use, and fabrication with wood and metal to large scale projects.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<ol style="list-style-type: none"> 1. The student will be able to propose a large scale project. 2. The student will be able to develop a cost analysis. 3. The student will be able to list required equipment and materials. 4. The student will be able to construct project, undergoing periodic evaluations. 	<ol style="list-style-type: none"> A. Can the student draft a large scale project proposal? A. Can the student develop a cost analysis on their project proposal? A. Can the student develop a list of materials and equipment needed for the project? A. Can the student anticipate project evaluations/inspections, trouble shooting amendments, and incorporating them into finished project? 	<ul style="list-style-type: none"> • The student will draft a project proposal, complete with bill of materials, equipment usage, schedule, project timeline, and cost analysis. • The student will complete project in a timely fashion to draft specifications.

Curriculum Standard: The student will understand the basics of advanced welding, including materials, equipment, and techniques.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<ol style="list-style-type: none"> 1. The student will understand the concepts of applying welding basics to actual projects. 2. The student knows how to machine weld. 3. The student understands the many methods of cutting metal. 	<ol style="list-style-type: none"> A. Can the student list the steps needed in preparing to make welds in various situations? A. Can the student list the needed steps in mechanic welding and the decision making process to use that? A. Can the student list the steps in metal cutting including the techniques and equipment to use? 	<ul style="list-style-type: none"> • The student will demonstrate welds on projects and repairs.

***Curriculum Standard:* The student will be able to apply the basics of painting to their various large scale projects.**

Performance Objective	Critical Attributes	Benchmarks/Assessment
<ol style="list-style-type: none"> 1. The student will be able to propose a large scale project to be painted. 2. The student will be able to recognize various methods of painting. 	<ol style="list-style-type: none"> A. Can the student list the amount of paint to be used for the project? A. Can the student list 3 different methods of painting? 	<ul style="list-style-type: none"> • The student will identify and apply the proper type and amount of paint. • The student develop a color wheel to be used in matching colors of paint.