

Welding Technology

Courses Offered	9	10	11	12
Arc Welding	•	•	•	•
Acetylene Welding	•	•	•	•
Advanced Welding		•	•	•

Arc and Acetylene welding can be taken in the same year

Arc Welding

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

Arc welding is a trimester long introductory course designed to teach important welding fundamentals like: Lab safety, proper weld joint set up, welding techniques, destructive and non-destructive testing. Students will acquire a basic understanding of hand tools, materials and certain processes used in arc welding.

Acetylene Welding

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

Acetylene welding is a trimester long introductory course designed to teach important welding fundamentals like: Lab safety, proper weld joint set up, welding techniques, destructive and non-destructive testing. Students will acquire a basic understanding of hand tools, materials and certain processes used in acetylene welding.

Advanced Welding

Grades 10, 11, 12

1 Trimester, 2 class hours | 1 credit

Prerequisite: Arc and Acetylene Welding or Teacher Approval

Advanced Welding is a trimester two-hour long course designed to introduce students to more advanced welding techniques and set ups. Welds are done both in horizontal and vertical positions using both acetylene and arc welding and introducing MIG and TIG welding. This class is also designed with students building projects in mind with instructor approval. Students must pass both acetylene welding and arc welding with a C or better to be eligible to take this course or have instructor's approval.