



# Welding Practicum

Course Syllabus  
Little Elm High School

Instructor: Robb Gentry

Classroom: 3123

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### **Course Objective:**

Welding I provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to advanced welding techniques and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success. Our focus during this course will be on earning an API 1104 Pipe Welding industry certification.

### **Course Supplies:**

Students will need to bring their preferred method of taking notes to class each day, as well as their school issued computer. Course content is online through CANVAS, and all aspects of the course can be viewed through the online curriculum program.

Students may want to bring additional clothing for lab activities in order to protect good clothing from damage.

### **Course Prerequisites:**

***Introduction to Welding***

***Welding 1***

***Welding 2***

Each student and their parent(s) or guardian(s) will need to review the **“Shop Safety and Procedures Agreement”** that accompanies the course syllabus. After reviewing this document, the student and parent/guardian must sign and return the document to be kept on file for the school year.