

# **Piedmont Technical College Course Syllabus**

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## **COURSE INFORMATION**

**Course Prefix/Number:** WLD 117

**Title:** Specialized Arc Welding

**Responsible Division:** Engineering/Industrial

**Last Day to Withdraw from this Course:** For the last date to withdraw from this course, consult the current *Student Calendar*.

### **Course Description:**

For course, credit hour, pre-requisite(s) and co-requisite(s) information, visit the Detailed Course Information page: [www.ptc.edu/courses/WLD117](http://www.ptc.edu/courses/WLD117).

### **Textbook and Other Materials:**

For textbook information and additional required and/or supplemental materials, visit the [college bookstore](http://www.ptc.edu/bookstore) (www.ptc.edu/bookstore).

### **Proctored Examinations:**

Proctored examinations for distance learning courses taken at non-PTC campuses may require a proctoring fee for each exam taken.

## **COURSE POLICIES**

Course policies are available online through the *Academic Catalog* and *Student Handbook*. Visit the [Course Policies page](http://www.ptc.edu/syllabus/policies) (www.ptc.edu/syllabus/policies) for a detailed list of important policies and more information.

## **GRADE POLICY**

Detailed grading policy information can be found on the [Grading Policy webpage](http://www.ptc.edu/grading-policy) (http://www.ptc.edu/grading-policy). Final grade appeal information is available in the [Academic Catalog](http://www.ptc.edu/catalog/) (http://www.ptc.edu/catalog/).

## **ACCOMMODATIONS**

### **Accommodations for ADA:**

Information is available on the [Student Disability Services webpage](http://www.ptc.edu/ada) (<http://www.ptc.edu/ada>).

## **RATIONALE**

### **Why do I need this course?**

Welding Technology has in recent years expanded at fantastic rates. New ideas, processes, and techniques have risen with such speed, that keeping abreast has become increasingly difficult. Employment in this field is highly desirable and maybe secured in one of the many related areas. This course is designed to assist the student in gaining the knowledge and skills to accomplish these goals. With the economy and job market being what they are today, it pays to find a job with some security; a trade. Anything that involves a particular skill or a certain amount of expertise will be in demand. Welding is such a skill. A Welder is a craftsman, ant that means a man or woman with something to offer.

## **PROGRAM INFORMATION**

For program information including required courses, program learning outcomes, gainful employment information and advisement information, refer to the Academic Program webpage. Go to [Academics](http://www.ptc.edu/academics) (<http://www.ptc.edu/academics>), select your program, and then select Credentials Offered.

## **COURSE STUDENT LEARNING OUTCOMES**

Upon successful completion of this course and/or clinical, each student will be able to:

- Weld Beveled Plate in the 45 Degree and Overhead positions using shielded metal arc welding SMAW.

## **GENERAL EDUCATION COMPETENCIES**

### **Piedmont Technical College General Education Competencies for All Graduates:**

*This course may address one or more of the following General Education Competencies (assessment will be stated when applicable):*

#### **Communicate effectively.**

Assessment:

N/A

#### **Apply mathematical skills appropriate to an occupation.**

Assessment:

N/A

#### **Employ effective processes for resolving problems and making decisions.**

Assessment:

N/A

#### **Demonstrate the basic computer skills necessary to function in a technological world.**

Assessment:

N/A

*To validate proficiency in the general education competencies, students in some programs will be tested using Work Keys.*