Piedmont Technical College Course Syllabus

COURSE INFORMATION

Course Prefix/Number: WLD 105

Title: Print Reading II

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/WLD105.

Textbook and Other Materials:

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

TITLE IX HARASSMENT AND SEXUAL ASSAULT INFORMATION

In accordance with Title IX of the Education Amendments of 1972, Piedmont Technical College does not discriminate on the basis of sex in its education programs or activities. Title IX protects students, employees, and applicants from sex discrimination in admissions and employment to include discrimination based on gender identity or failure to conform to stereotypical notions of masculinity or femininity. More information regarding Title IX, including contact information for the Title IX coordinators, is available at [Title IX Harassment and Sexual Assault Information](https://www.ptc.edu/about/legal-disclosures/title-ix-harassment-andsexual-assault-information) (https://www.ptc.edu/about/legal-disclosures/title-ix-harassment-andsexual-assault-information).

RATIONALE

Why do I need this course?

From inception to completion, the design and construction of an industrial facility may entail the creating of hundreds of drawings. These ranges from simplest flow diagrams to highly detailed piping plans and elevations. The knowledge of blueprint reading and sketching will enable the welder to perform his/her duties.

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

Revision Date: 12/30/2020

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

. Draw Weld Symbols.

. Produce a Bill of Materials.

. Recognize Pipe welding Symbols.

. Recognize Structural shapes

. Understand the use of Dimensions

. Understand Orthograph view

. Understand Basic lines and views

. Understand Fillet weld

. Understand Groove Welds

. Welding Symbols and Abbreviations

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:

This is done by evaluating a student's ability to communicate an idea through the use of a blueprint and welding symbols

Apply mathematical skills appropriate to an occupation.

Assessment:

Revision Date: 12/30/2020

By observing the students competency as to the use of using a scale rule in the interpretation of blueprints

Employ effective processes for resolving problems and making decisions.

Assessment:

Through discussion with students you evaluate how they Summarize information and draw conclusions

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

Assessment:

 Test in D2L

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

Revision Date: 12/30/2020