

Piedmont Technical College Course Syllabus

COURSE INFORMATION

Course Prefix/Number: MSY 101

Title: Masonry Fundamentals 1

Responsible Division: Engineering and Industrial Technologies

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/MSY101.

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>).

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-and-sexual-assault-information) (<https://www.ptc.edu/about/legal-disclosures/title-ix-harassment-and-sexual-assault-information>).

RATIONALE

Why do I need this course?

The mason is an important craftsman in the broad field of building construction. He is a skilled workman familiar with all phases of the industry. The student choosing masonry as a career will find many job opportunities open to him. A knowledge of the origin and history of masonry develops an appreciation of the craft. Understanding new developments enables the masonry student to continue to be an important part of the industry.

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:

- Demonstrate the ability to evaluate and identify the tools used in the masonry industry.
- Demonstrate the proper use of the tools in the masonry industry in a safe manner according to the Occupational Safety Health Administration (OSHA) standards.
- Demonstrate the ability to analyze and identify various materials and their proper usages within the masonry field.
- Demonstrate the ability to assemble bricks and blocks in the proper manner related to the standards of the masonry industry.
- Demonstrate the ability to estimate how many pieces of materials are needed for any given residential masonry project.

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:

By demonstrating the use of measuring devices, students gain knowledge in using fractions, decimals, and basic adding, subtracting, and multiplying.

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.