**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

# **GENERAL COURSE INFORMATION**

Course Number: PLMB 1001

Course Title: Plumbing Safety

Credit Hours: 2

Prerequisite: CRFT 1001 Introductory Craft Skills

Division/Discipline: Workforce Training and Community Education/Plumbing

Course Description: This course reviews the common causes of plumbing-related accidents and injuries. Students will learn to identify hazardous situations, unsafe conditions and how to handle and respond to these situations and conditions.

1. **INSTRUCTOR INFORMATION**

# **COLLEGE POLICIES**

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The College assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense, and respect for others both within and outside the classroom.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. The student is responsible for learning the rules of, and avoiding instances of, intentional or unintentional plagiarism. Information about academic integrity is located in the Student Handbook.

The College reserves the right to suspend a student for conduct that is determined to be detrimental to the College educational endeavors as outlined in the College Catalog, Student Handbook, and College Policy & Procedure Manual. (Most up-to-date documents are available on the College webpage).

Any student seeking an accommodation under the provisions of the Americans with Disability Act (ADA) is to notify Student Support Services via email at [disabilityservices@bartonccc.edu](mailto:disabilityservices@bartonccc.edu).

# **COURSE AS VIEWED IN THE TOTAL CURRICULUM**

This course is intended to prepare entry level employees or train incumbent workers in the plumbing industry to perform identified job tasks to comply with federal regulations and industry standards. The course includes practical and classroom training. Upon successful completion of the course participants will be prepared to demonstrate identified skills to employers for qualification purposes.

# **ASSESSMENT OF STUDENT LEARNING**

Barton Community College is committed to the assessment of student learning and to quality education. Assessment activities provide a means to develop an understanding of how students learn, what they know, and what they can do with their knowledge. Results from these various activities guide Barton, as a learning college, in finding ways to improve student learning.

## Course Outcomes, Competencies, and Supplemental Competencies:

1. Identify hazardous situations and unsafe conditions
   1. Describe the common unsafe acts and unsafe conditions that cause accidents.
   2. Describe how to handle unsafe acts and conditions.
   3. Explain how the cost of accidents and illnesses affects everyone on site.
   4. Explain how to work safely in and around a trench.
   5. Explain how to work safely in and around confined spaces.
   6. Identify the benefits of a job safety analysis.
2. Demonstrate how to handle and respond to hazardous situations and unsafe conditions.
   1. Demonstrate the use and care of appropriate personal protective equipment.
   2. Identify job-site hazardous work specific to plumbers.
   3. Demonstrate the proper use of ladders.
   4. Demonstrate how to maintain power tools safely.
   5. Describe and demonstrate the lockout/tagout process.
3. **INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS**

# **TEXTBOOKS AND OTHER REQUIRED MATERIALS**

# **REFERENCES**

# **METHODS OF INSTRUCTION AND EVALUATION**

# **ATTENDANCE REQUIREMENTS**

1. **COURSE OUTLINE**