**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

# **GENERAL COURSE INFORMATION**

Course Number: CRPT 1030

Course Title: Windows Doors and Stairs

Credit Hours: 3

Prerequisite: CRPT 1020 Roof Framing

Division/Discipline: Workforce Training and Community Education/Carpentry

Course Description: This course covers the installation of windows and doors as well as the construction and installation of stairs. Course topics include: type and installation of windows and exterior doors, types of stairs, code issues related to stair building, and techniques for measuring and calculating rise, run, and stairwell openings, laying out stringers, and fabricating basic stairways.

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 carpentry/construction 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. Demonstrate the proper installation of a pre‐hung window.
   1. Identify various types of fixed, sliding, and swinging windows.
   2. Identify the parts needed in a window installation.
   3. State the requirements for a proper window installation.
2. Demonstrate the proper installation of a pre‐hung exterior door.
3. Identify the common types of exterior doors and explain how they are constructed.
4. Identify the parts needed in a door installation.
5. Identify the types of thresholds used with exterior doors.
6. Demonstrate the proper installation of a lockset.
7. Identify the various types of locksets used on exterior doors and explain how they are installed.
8. Install a lockset.

D. Lay out and build a small stair unit with a handrail to a given rise.

1. Identify the various types of stairs.
2. Identify the various parts of stairs.
3. Identify the materials used in the construction of stairs.
4. Interpret construction drawings of stairs.
5. Calculate the total rise, number and size of risers, and number and size of treads required for a stairway.
6. Lay out and cut stringers, risers, and treads.
7. Build a small stair unit with a temporary handrail.
8. **INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS**

# **TEXTBOOKS AND OTHER REQUIRED MATERIALS**

# **REFERENCES**

# **METHODS OF INSTRUCTION AND EVALUATION**

# **ATTENDANCE REQUIREMENTS**

1. **COURSE OUTLINE**