

Department:

Construction Trades Division; Construction Technology Program

Course Description:

This course is a study of the doors and door hardware and window, door, floor, and ceiling trim, and finish flooring. It includes installation, finish, and maintenance. The design style and installation of various types of trim. Experience in installing doors, trim, and flooring is included.

Course Competencies:

The learning outcomes and competencies detailed in this syllabus meet or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Groups for this course as approved by the Kansas Board of Regents.

Upon completion of the course, the student should be able to:

1. Doors and Door Hardware
 - a. Identify different types and composition of residential doors.
 - b. Identify various parts of door jambs and frames.
 - c. Identify the different types of door hardware.
 - d. Describe the various installation techniques for doors and hardware.
 - e. List and identify specific items included in a typical door schedule.
 - f. Install a prehung door unit or door hanging system using the proper safety precautions.
 - g. Lay out and cut hinges in an instructor-selected project.
 - h. Install a door closer using the proper safety precautions.
2. Window, Door, Floor, and Ceiling Trim
 - a. Identify the tool and equipment safety guidelines when working with window, door, floor, and ceiling trim tools.
 - b. Identify the different types of standard molding and materials.
 - c. Explain how to install different types of molding.
 - d. Explain how to estimate window, door, floor, and ceiling trim.
 - e. Make square and miter cuts to selected molding using hand and power tools.
 - f. Make a coped joint using a coping saw.
 - g. Install interior trim using a finish nailer and hand nailing methods.
3. Finish Flooring
 - a. Identify various types of floor finishes including sizes and grades.
 - b. Determine the number of board feet of strip flooring needed to cover a given area.
 - c. Install resilient tile.
 - d. Identify various types of self-adhering tiles.
 - e. Install ceramic tile.

Course Content:

- A. Doors and Door Hardware
- B. Door Fitting, Hanging and Installation

- C. Window, Door, Floor, and Ceiling Trim
- D. Installation of Interior Trim
- E. Finish Flooring

Learning Assessments:

Competencies will be assessed by assignments, case problems, quizzes, chapter tests, hands-on projects, lab assignments, a midterm test, and a final test. The test can be in the objective format or in a problem solving format.

Instructional Materials:

Textbook: NCCER. (2024). Advanced Carpentry: Frame and Finish (6th ed.). Boston, MA: Pearson. ISBN-13: 978-0138172435

Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

In order to begin the process all students **must** complete the “Disabilities Self-Identification Form” on our [Disability Services website](#).

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.

A Note on Harassment, Discrimination and Sexual Misconduct

Highland Community College seeks to assure all community members learn and work in a welcoming and inclusive environment. Title VII, Title IX, and College policy prohibit harassment, discrimination and sexual misconduct. Highland Community College encourages anyone experiencing harassment, discrimination or sexual misconduct to talk to report to the Vice President for Student Services, the Human Resources Director or complete an [online report](#) about what happened so that they can get the support they need and Highland Community College can respond appropriately.

There are both confidential and non-confidential resources and reporting options available to you. Highland Community College is legally obligated to respond to reports of sexual misconduct, and therefore we cannot guarantee the confidentiality of a report, unless made to a confidential resource. Responses may vary from support services to formal investigations. As a faculty member, I am required to report incidents of sexual misconduct and thus cannot guarantee confidentiality. I must provide our Title IX coordinator with relevant details such as the names of those involved in the incident. For more information about policies and resources or reporting options, please review our [Equity Grievance Policy](#).