



BDT127 Windows, Doors & Stairs Syllabus

Course Information

Credits	3
Campus	Washburn Institute of Technology
Address	5724 SW Huntoon
City/State/Zip	Topeka, Kansas 66604
Office Fax	785-273-7080

Description

This course will introduce the student to methods and procedures used in the selection and installation of residential windows, doors, and stairs. Students will learn the proper components of windows and doors along with basic stair layout. This course will follow the NCCER modules for Windows and Exterior doors and Basic Stair Layout.

Textbooks

none

Student Learning Outcomes:

- A. Communicate effectively
- B. Integrate technology
- C. Learn effectively
- D. Demonstrate cooperative teamwork skills
- E. Apply safety in the workplace
- F. Think critically and creatively
- G. Demonstrate responsible work ethics

Competencies

Windows and Exterior Doors

- 1. Identify various types of fixed, sliding, and swinging windows.
- 2. Identify the part of a window installation.
- 3. State the requirements for proper window installation.
- 4. Install a pre-hung window.
- 5. Identify the common types of exterior doors and explain how they are constructed.
- 6. Identify the part of a door installation.
- 7. Identify the types of thresholds used with exterior doors.
- 8. Install a pre-hung exterior door.
- 9. Identify the various types of lock sets used on exterior door and explain how they are installed.

10. Install a lock set.

Basic Stair Layout

11. Identify the various types of stairs.

12. Identify the various parts of stairs.

13. Identify the materials used in the construction of stairs.

14. Interpret construction drawings of stairs.

15. Calculate the total rise, number and size of risers, and number and size of treads required for a stairway.

16. Layout and cut stringers, risers, and treads.

17. Build a small stair unit with a temporary handrail.

Guidelines for Success

Assessment Plan

Assessment is an integral part of the educational process at Washburn Tech and accurate feedback is an important tool in continuously improving the institution's technical programs. Students can expect to participate in assessment activities prior to entry into programs, within specific courses and following program completion for specific fields of study.

Grading Rationale and Grading Scale

100% - 89% = A

88% - 79% = B

78% - 69% = C

68% - 59% = D

58% & Below = F

40% - Participation = Attendance, Tardies, Work Attire, Textbook, Tools, Behavior, Clean-up

30% - Daily Quizzes & Assignments

20% - Performance Assessments (Individual Evaluations)

10% - NCCER Accrediting Exams

Attendance

Classroom attendance is required. Material missed must be made up with instructor.

Disability

The Special Support Services (SSS) Office is responsible for assisting in arranging accommodations and for identifying resources at Washburn Institute of Technology for persons with disabilities. Qualified students with disabilities MUST register and provide documentation with the office to be eligible for services. New requests for accommodations should be submitted two months or more prior to the date services should begin; however, contact the SSS Office as soon as a need may arise. Depending on the accommodation request, four to eight week lead time may be needed for timely and effective provision of services. SSS coordinates and assist in arranging services it deems appropriate of eligible students on a case-by-case basis.

If you are a student with a disability that may substantially limit your ability to participate in this class and believe you will need accommodations, it is your responsibility to contact:

Special Support Services Coordinator

Phone: 785-228-6356

E-Mail: ssscoordinator@washburn.edu

