



## BDT142 Masonry 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 introduces the student to the fundamentals of masonry work. The student will have the opportunity to gain practical knowledge of masonry as a trade, develop skills in the use of the tools, equipment, materials, and techniques used in masonry.

### Textbooks

NCCER. Masonry Level 1 Trainee Guide. Prentice Hall. 2004. Edition: 3rd. ISBN: 978-0-13-109161-0.

### 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

1. Describe modern masonry materials and methods.
2. Use masonry tools correctly.
3. Interpret masonry symbols and information on blueprints.
4. Properly mix mortar by hand.
5. Properly mix mortar with a mechanical mixer.
6. Lay a dry bond.
7. Accurately cut masonry units using various methods.
8. Lay masonry units in courses that are true for height, level, plumb, and straightness.
9. Build a rack back corner lead.
10. Lay masonry units to the line.

## 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](mailto:ssscoordinator@washburn.edu)

