

# Dakota County Technical College

## RRCC 1160: Utilization of Railroad Equipment and Safety Standards

### A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: \*.\*

Lab Hours/Week: 2

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is designed for persons interested in pursuing a career as a Railroad Conductor. The student will study and demonstrate the accepted standards of railroad equipment utilization. They will also demonstrate knowledge and application of railroad safety rules and techniques for moving box cars.

**B. COURSE EFFECTIVE DATES:** 08/20/2007 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. demonstrate job briefing skills
2. demonstrate knowledge of standards for operation and location of specific components of a box car while performing assigned task
3. demonstrate required techniques for mounting and dismounting equipment
4. demonstrate sequential process for throwing a switch
5. exhibit and demonstrate knowledge of necessary criteria required to perform an air brake test and air brake equipment components
6. exhibit use of correct train motion commands and equipment when coupling to and disconnect from box cars
7. utilize signals to initiate and stop train movements, request and release protection, and measure accurate distance of movement to stopping point

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted