

# Dakota County Technical College

## ELEC 1137: Construction Site Safety

### A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: 1

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Safety in the workplace is everyone's responsibility. This course covers basic employee safety training for hazards commonly encountered on a construction site or an industrial workplace. Employees can greatly reduce the chance of injury to themselves or co-workers by carefully following the safety rules and safe work practices.

**B. COURSE EFFECTIVE DATES:** 12/10/2010 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. AWAIR programs
2. Arc flash and arc blast protection
3. Confined space entry, permit required
4. Cranes and rigging
5. Electrical safety and general health provisions
6. Fire prevention
7. Hand tools and power tools
8. Hazard communications and material safety data sheets
9. Introduction to OSHA requirements and responsibilities
10. Job box talks
11. Lockout/tagout, releasing and controlling hazardous energies
12. Material handling
13. Personal protective equipment
14. Reporting unsafe conditions
15. Scaffolding and scissor lifts
16. Slips, trips, and fall protection
17. Stairways and ladders
18. Trenching and excavations

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted