CONSTRUCTION SITE SAFETY — ELEC 1137

A. Course Description
   ◦ Credits: 1.00
   ◦ Lecture Hours/Week: 1.00
   ◦ Lab Hours/Week: 0.00
   ◦ OJT Hours/Week: 0
   ◦ 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: 12/10/10 – Present

C. Outline of Major Content Areas
   As noted on course syllabus

D. Learning Outcomes
   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**

F. **Learner Outcomes Assessment**
   
   As noted on course syllabus

G. **Special Information**
   
   None noted