A mix of classroom training and outdoor lab work studying and applying the safe and efficient operation of digger derricks, skid steer loaders, backhoes and trenchers.

B. Course Effective Dates: 8/22/16 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Identify types of utility equipment
2. Perform preflight and inspection of insulated aerial boom
3. Apply proper truck grounding on bucket truck
4. Identify hazards when working around equipment in an energized area
5. Describe proper truck and unit positioning
6. Demonstrate proper outrigger support and placement
7. Identify hydraulic tools circuit
8. Operate hydraulic tools
9. Perform excavation equipment operation
10. Identify hazards of working around excavation equipment
11. Identify uses of utility equipment
12. Operate digger derrick equipment
13. Identify lifting capacities of digger derrick boom
14. Operate insulated aerial bucket truck
15. Identify lifting capacities of insulated aerial boom
16. Identify insulation levels of insulated aerial boom
17. 8. Apply proper fall arrest while operating insulated aerial boom
18. 9. Operate emergency controls on insulated aerial boom

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

F. Learner Outcomes Assessment
   As noted on course syllabus

G. Special Information
   None noted