A. Course Description

- Credits: 2.00
- Lecture Hours/Week: 1.00
- Lab Hours/Week: 1.00
- OJT Hours/Week: 0
- Prerequisites:
  - ELLW 1110: Distribution I

- Corequisites: None
- MnTC Goals: None

This course covers the use of different drawings, maps, and construction materials used in the lineworker's field. This includes the list of materials and specifications. Use of the transit will be introduced and applied to the lab field where lines will be staked for future building as a project. Prerequisite: ELLW 1110

B. Course Effective Dates: 3/20/98 – Present

C. Outline of Major Content Areas

  As noted on course syllabus

D. Learning Outcomes

1. Define and apply knowledge of minimum approach distances, radial, loop feed, and duplicate supply overhead and underground systems.
2. Apply proper use of staking equipment, placement of pole line and anchor stakes, measurement of angles and span lengths.
3. Determine construction material needed by use of NESC specification sheets, create staking sheet, material lists and construction mapping.
4. Identify proper placement for tangent, angle and dead-end structures with vertical or horizontal construction applications.

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

F. Learner Outcomes Assessment

  As noted on course syllabus
G. Special Information

None noted