CONSTRUCTION INSPECTION AND PROJECT MANAGEMENT — CIVL 2121

A. Course Description
   ♦ Credits: 4.00
   ♦ Lecture Hours/Week: 3.00
   ♦ Lab Hours/Week: 1.00
   ♦ OJT Hours/Week: 0
   ♦ Prerequisites: None
   ♦ Corequisites: None
   ♦ MnTC Goals: None

Develop an understanding of the various roles that the construction inspector plays, and methods used by the construction inspector to document and enforce compliance with the specifications of a construction contact. This course also introduces the student to a key element of the Civil Engineering task: Project Management. The student will learn the elements of managing a construction project and work out project schedules by hand and with PM software programs.

B. Course Effective Dates: 12/16/19 – Present

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

D. Learning Outcomes
   1. Be able to manage a project from beginning to end.
   2. Estimate project times and costs
   3. Explain what project management is and what a project manager does
   4. Familiarize the students with an overview of construction inspection
   5. Learn how project specifications are interpreted and implemented in the field
   6. Provide examples of Construction Inspection being utilized on construction sites, at aggregate, concrete, and bituminous plants, and in a testing lab environment

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

F. Learner Outcomes Assessment
   As noted on course syllabus
G. Special Information

None noted