A. Course Description

- **Credits:** 3.00
- **Lecture Hours/Week:** 1.00
- **Lab Hours/Week:** 2.00
- **OJT Hours/Week:** 0
- **Prerequisites:**
  - **CIVL 2155:** Eco-Sensitive Design
- **Corequisites:** None
- **MnTC Goals:** None

This course is a comprehensive introduction to the estimating practices used in the construction industry. Prerequisites: CIVL 2155

B. Course Effective Dates: 1/9/17 – Present

C. Outline of Major Content Areas

  As noted on course syllabus

D. Learning Outcomes

1. Be able to define the various levels of estimating
2. Be able to read and analyze drawings and specifications for estimating purposes
3. Be able to use Sage Timberline Estimating Software for estimating various kinds of construction work
4. Know and be able to use various methods for conducting an estimate
5. Understand and use various resources for estimating of construction cost components
6. Working knowledge of modern construction materials and methods

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

F. Learner Outcomes Assessment

  As noted on course syllabus

G. Special Information
None noted