

# Bemidji State University

## TADT 3260: Project Bidding and Estimating

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

A foundational course in the analysis and determination of construction and manufacturing project costs. Bidding strategies and proposals; material, equipment and labor estimates, as well as overhead and profit are examined. Prerequisite: TADT 3250 or consent of instructor.

**B. COURSE EFFECTIVE DATES:** 08/22/2016 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Concrete
2. Contracts, Bonds & Insurance
3. Doors & Windows
4. Electrical
5. Equipment
6. Excavation
7. Finishes
8. Heating Ventilation & A/C
9. Introduction to Estimating
10. Labor
11. Masonry
12. Metals
13. Overhead & Contingencies
14. Plumbing
15. Profit
16. Specifications
17. The Estimate
18. Thermal & Moisture Protection
19. Wood

**D. LEARNING OUTCOMES (General)**

1. broaden one's concept of the construction industry.
2. interpret building plans and drawings.
3. develop an understanding of building techniques and methods.
4. be introduced to basic estimating software.
5. develop skills in print reading.
6. develop the ability to create an accurate estimate.
7. develop skills in estimating and bidding.
8. develop skills in material takeoff.
9. become familiar with CSI divisions.

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

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted