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