Bemidji State University

TADT 3260: Project Bidding and Estimating

A. COURSE DESCRIPTION
   Credits: 3
   Lecture Hours/Week: 0
   Lab Hours/Week: 0
   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