

Bemidji State University

TADT 4259: Construction Management

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 0

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

An advanced study of construction project planning, contracting, and supervision. The management functions of a construction business environment are emphasized. Attention is given to the differences between construction management and construction contracting as well as a focus on the concept of green building. Prerequisites: Junior status or consent of instructor.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Change & Extra Work
2. Claims & Disputes
3. Construction Laws & Labor Relations
4. Construction Materials & Workmanship
5. Construction Operations
6. Construction Safety
7. Design Construction Process
8. Documentation: Records & Reports
9. Electronic Project Administration
10. Fundamentals of CPM Construction Scheduling
11. Measurement & Payment
12. Meetings & Negotiations
13. Planning for Construction
14. Pre-Construction Operations
15. Project Closeout
16. Resident Inspection Office Responsibilities
17. Responsibility & Authority
18. Risk Allocation & Liability Sharing
19. Specifications & Drawings
20. Using the Specification in Contract Administration
21. Value Engineering

D. LEARNING OUTCOMES (General)

1. understand the duties and responsibilities of a construction superintendent.
2. assess the application of techniques, equipment, and personnel management in construction.
3. access and interpret construction management resources.
4. develop an awareness of sustainability in the construction industry, the Green Building movement, and LEED.
5. identify and explain the functions of construction management.
6. understand the legal parameters of the construction industry.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted