Bemidji State University

TADT 2252: Construction Materials and Methods

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

This course is a broad study of the materials and methods used in the construction industry, their design and documentation for quality control, common quantity take-off methods, and classification of work divisions under Uniformat & MasterFormat, emphasizing Facility Construction Divisions 02-19, with further examination of sustainable and modular design trends happening in the Built Environment, preparing students for their first industry related internship requirement.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Uniformat for project scope
2. MasterFormat and Document Control
3. Quantify construction materials

D. LEARNING OUTCOMES (General)

1. categorize the Material & Methods of project scope as relates to Uniformat & MasterFormat.
2. practice Quantity Take-off methods of common construction materials.
3. prepare construction material submittals using construction management software.
4. examine sustainable material and method product specification trends.
5. discuss the Internship process, preparing a resume in preparation for program requirement.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted