

# Bemidji State University

## TADT 4778: Advanced Topics in Technology

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Current topics, or emerging research or exploration and assessment of topics in the applied engineering, industrial technology, and/or technology management fields, or any related field. Prerequisites: Junior status or consent of the instructor.

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

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. . analyze the components of the Advanced Topic.
2. . compare applications of the Advanced Topic used in engineering, manufacturing or construction applications.
3. . describe the principles of the Advanced Topic from a materials and processes perspective in engineering/manufacturing/construction applications.
4. . explain the economic and environmental benefits of adopting the Advanced Topic practices in a variety of engineering/manufacturing/construction applications.
5. . practice principles of the Advanced Topic to solve technological problems.
6. . synthesize potential applications for the Advanced Topic.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted