

# Bemidji State University

## TADT 3857: Methods of Teaching Industrial Technology/Vocational Education

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 0

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Approaches to teaching technology education included the philosophy, innovative approaches, classroom and laboratory strategies and methodology. Includes program visitation, evaluation and micro-teaching.

### B. COURSE EFFECTIVE DATES: 08/04/2019 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Brain-Based Teaching & Learning
2. Learning Styles
3. Lesson Planning
4. Teaching Strategies: Lecture, Demonstration, Technology, Hands-On, & Safety
5. Teaching Styles
6. Testing as a Teaching Strategy
7. Writing a Syllabus

### D. LEARNING OUTCOMES (General)

1. describe and apply various philosophical approaches to instruction in technology education programs, and understand the role of standards in teaching.
2. apply learning theory to the development of teaching strategies and the selection of instructional methodology.
3. develop and use lesson outcomes for classroom teaching strategies.
4. plan, conduct and critique lessons appropriate for secondary technology education programs.
5. utilize appropriate teaching strategies for individual and small group activities in middle school or high school technology education courses.
6. participate in the development of an interdisciplinary instructional activity.
7. evaluate instruction in a secondary technology education setting.
8. recognize and discuss current trends and issues in technology education.
9. acquire, assess and organize technology education resource materials.
10. define special needs populations.
11. identify and implement learning strategies for special needs populations
12. participate in professional teaching activities.

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

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted