

# Bemidji State University

## TADT 4860: Management In Industrial Technology Education

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Managing the learning environment, budget, equipment and student projects in the technology education setting, Also covers safety considerations and investigates strategies for learning within the technological clusters and for accommodating special needs students. Prerequisites: Junior status or consent of instructor.

### B. COURSE EFFECTIVE DATES: 08/25/2014 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Criteria for grading projects and performance
2. Current events in education
3. Designing a new facility - space and equipment
4. Discipline - dealing with students and parents
5. Grant opportunities
6. IEP's in IT classes
7. IT publications and journals
8. Keeping a grade book
9. Practicum requirement
10. Safety and First Aid
11. Student clubs and organizations
12. Technology literacy

#### **D. LEARNING OUTCOMES (General)**

1. understand and apply educational principles relevant to the physical, social, emotional, moral, and cognitive development of preadolescents and adolescents.
2. understand the need for and how to connect students' schooling experiences with everyday life, the workplace, and further educational opportunities.
3. learn laboratory oriented instructional skills necessary for modeling technological expertise including craftsmanship, visualization skills, spatial relationships, mechanical aptitude, and design principles.
4. apply the Standards of effective practice in teaching students through a variety of early and ongoing clinical experiences with middle level and high school students within a range of educational programming models.
5. understand and apply the research base for and the best practices of middle and high school education.
6. learn how to use tools, equipment, materials, and processes in the technology education learning environments safely.
7. develop curriculum goals and purposes based on the central concepts of technology and know how to apply instructional strategies and materials for achieving student understanding of technology.

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

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

#### **G. SPECIAL INFORMATION**

None noted