

# Bemidji State University

## TADT 1450: Introduction to Product Development

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is an introduction to three-dimensional communication techniques for the model making profession. Utilizing hand tools, project construction will include an awareness of attention to detail, design and technical problem solving. Prerequisite: TADT 1210, TADT 1220.

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

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Model construction
2. Introduction to materials/tools and industry

### D. LEARNING OUTCOMES (General)

1. . apply basic methods and materials used in model making.
2. . apply problem-solving techniques to the design and construction for models.
3. . develop a level of patience while working with scale, precision and detail.
4. . develop creative problem solving practices.
5. . develop the ability to search and find materials and processes to construct a model.
6. . exhibit safe use of hand tools in the completion of models.
7. . memorize common terminology used in model making.
8. . select appropriate materials for an assigned project.
9. . understand and demonstrate proper safety related to a lab environment.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted