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