A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

The purpose of this course is to provide the student an understanding of materials, principles and techniques of spray finishing required to complete a professional model. Processes may include model construction, surface preparation, materials selection and paint application. Prerequisites: TADT 1210, TADT 1220, TADT 1460.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Model construction
2. materials selection
3. paint application
4. surface preparation

D. LEARNING OUTCOMES (General)

1. understand and demonstrate the process of finishing a model to industry standards.
2. understand advantages and disadvantages of finishing materials and equipment.
3. display fundamental application skills to complete assigned finishing projects.
4. understand and demonstrate proper safety related to a lab environment.
5. understand the implications of choosing appropriate project materials for specific projects.
6. describe various forming processes utilized for shaping materials for product manufacture.
7. understand and demonstrate various finishing techniques.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted