A. COURSE DESCRIPTION

Credits: 2
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

Course Description: This course is the study of architectural model-making techniques, processes, and materials needed to construct a scaled version of a real building project. This model is used as a visual design tool to communicate a client's idea. This course will utilize 2D & 3D software, traditional & non-traditional machining, laser cutter, and various hand skills to construct a professional model. Emphasis will be on shop safety, accuracy, professionalism, project management, and problem-solving.

B. COURSE EFFECTIVE DATES: 08/20/2022 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Construct an architectural model
2. Problem-solving for best processes and techniques
3. Project management software and tools
4. Final project presentation

D. LEARNING OUTCOMES (General)

1. identify industries related to architectural model construction.
2. identify types of materials used in the construction of architectural models.
3. demonstrate and journal model construction processes and techniques using lab and personal safety.
4. utilize project management tools to track project construction.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted