ARCH 2025: Revit Architectural 3D CAD

A. COURSE DESCRIPTION

Credits: 2
Lecture Hours/Week: 1
Lab Hours/Week: 2
OJT Hours/Week: *
Prerequisites:
This course requires the following prerequisite
ARCH 1043 - Architectural CAD I

Corequisites: None
MnTC Goals: None

This course provides a hands-on learning environment in the 3D modeling software, Revit. The course focus will be understanding build and modify commands, manipulating views, inserting 3-D objects, rendering, and preparing drawing sheets for plotting construction documents. (Prerequisites: ARCH 1043) (1 credit lecture/1 credit lab)

B. COURSE EFFECTIVE DATES: 05/22/2006 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Revit build commands
2. Revit modify commands

D. LEARNING OUTCOMES (General)

1. Use Revit build commands.
2. Modify a Revit model.
3. Prepare a Revit model for plotting.
4. Model a commercial building.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted