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