ARCH 1040: Residential Graphics

A. COURSE DESCRIPTION

Credits: 1
Lecture Hours/Week: 0
Lab Hours/Week: 2
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: ARCH 1043
MnTC Goals: None

This course focuses on the process to analyze and draw a small one-story residence design to meet industry standards and building codes. From a given design concept, students will draw a floor plan, learning how to determine the correct dimensions for placing walls and selecting code compliant door and window sizes. Exterior elevations of the house will be drawn based on wall section details that will also be drawn. The drawing will be created on computer aided design (CAD) software. (Prerequisite or concurrent enrollment in ARCH 1043)(0 credits lecture/1 credit lab)

B. COURSE EFFECTIVE DATES: 03/13/2003 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. One-story residence drafting

D. LEARNING OUTCOMES (General)

1. Calculate floor plan dimensions.
2. Select code compliant door and window sizes.
3. Draft floor plans, wall sections, and exterior elevations.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted