

Anoka Technical College

ARCH 1052: Architectural CAD II

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 1

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites:

This course requires both of these prerequisite categories

1. ARCH 1040 - Residential Graphics

And

2. ARCH 1043 - Architectural CAD I

Corequisites: None

MnTC Goals: None

You will begin to see the power of AutoCAD software when taking this course. This course is a continuation of Architectural CAD I. You will continue to gain mastery of the draw and edit commands, and also you will become familiar with advanced commands the architectural technician will use on the job. This course will focus on the use of paper space/model space for architectural drafting applications. The drawing projects will be residential plans, sections, and exterior elevations. (Prerequisites: ARCH 1040 and ARCH 1043)(1 credit lecture/2 credits lab)

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Advanced CAD commands
2. Plotting scale drawings
3. Residential CAD standards

D. LEARNING OUTCOMES (General)

1. Produce a residential CAD template.
2. Draw CAD architectural WBlocks.
3. Utilize CAD paper space/model space.
4. Analyze dimensions for residential projects.
5. Draft industry standard residential construction drawings.
6. Plot drawings at proper scale.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted