

# Minnesota State College Southeast

## MDAD 1259: Residential Architectural Drawing

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites:

This course requires both of these prerequisites

MDAD 1204 - Autocad

MDAD 1250 - Print Reading for CAD Design

Corequisites: None

MnTC Goals: None

This course is for the beginner student who wants to create their own set of architectural prints or gain a basic competence in drawing architectural prints. This is an elective course that focuses on using CAD software to create the basic plans essential to drawing common residential drawings. The student will complete a set of residential architectural prints. Special note: The student is required to purchase a student version of software appropriate to complete the Residential Architectural Drawings required in this course. (Prerequisites: MDAD1204 and MDAD1250) (3 credits: 3 lecture/0 lab)

**B. COURSE EFFECTIVE DATES:** 01/25/2012 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. Gain an understanding of basic print reading skills
2. Complete technical drawings that meet industry standards
3. Analyze dimensioning techniques
4. Complete a plot plan
5. Complete floor plan design and layouts
6. Complete elevations
7. Complete construction details
8. Complete other plans as required by the individual projects

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted