

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY  
CAD 165 - ARCHITECTURAL BLUEPRINT READING (3 CR.)**

**Course Description**

Emphasizes reading, understanding and interpreting standard types of architectural drawings including plans, elevation, sections and details. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

**General Course Purpose**

Develop and understanding of the graphic symbols and lines on architectural drawings.

**Course Prerequisites/Co-requisites**

College level competencies in language and mathematics.

**Course Objective**

The completion of the course will provide the student with the knowledge of the principles and practices of architectural working drawings. Skills in the reading of architectural working drawings are to be mastered.

**Major Topics to be Included**

- Preparing contract drawings
- Construction drawing terminology
- Architectural symbols and conventions
- Framing methods
- Details and plans
- Shop drawings
- Elevations and sections
- Residential and commercial plans
- Mechanical and electrical plans and details