

Departmental Syllabus

Prepared by the Department of Engineering Sciences and Applied Technology

Date of Departmental Approval: February 10, 2017

Date approved by Curriculum and Programs: March 29, 2017

Effective: Fall 2017

1. Course Number: CON200
Course Title: Architectural Drafting I

2. Description:

This course focuses on architectural drafting techniques utilizing AutoCAD drafting software as the drafting tool. Students review and expand their knowledge of AutoCAD drawing commands and techniques while learning basic through advanced drafting concepts. The production of a basic set of architectural drawings is completed throughout the semester.

3. Student Learning Outcomes (instructional objectives, intellectual skills):

Upon successful completion of this course, students are able to do the following.

- Describe the process of creating a set of architectural plans.
- Produce a set of basic architectural drawings applying standard drafting techniques using AutoCAD software.
- Draw basic floor plans, elevations, sections and details
- Coordinate labeling and symbols for navigation of a drawing set.

4. Credit(s): 3

5. Satisfies General Education Requirement: No

6. Prerequisite(s): CON130 (Computer Aided Drafting I)

7. Semester(s) Offered: Varies

8. Suggested General Guidelines for Evaluation:

Class participation and attendance is required along with the completion of weekly in class exercises, homework assignments, and a project.

9. General Topical Outline (Optional):

Topics include:

- Site Plans
- Floor Plans
- Space Planning
- Roofs
- Structural Members
- Rendering & Materials
- Documentation