

**Departmental Syllabus**

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**Prepared by the Department of Engineering Sciences and Applied Technology**

**Date of Departmental Approval:** February 10, 2017

**Date approved by Curriculum and Programs:** April 12, 2017

**Effective: Fall 2017**

**1. Course Number: CON201**

**Course Title: Architectural Drafting II**

**2. Description:**

This advanced course provides students with practical experience in preparing working drawings for building construction. The class utilizes concepts developed in CON130 and CON200 utilizing AutoCAD drafting and documentation software. A complete set of residential working drawings are prepared over the course of the semester. A comprehensive exploration of the architectural process is communicated and advanced drafting and AutoCAD skills are applied.

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

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

- Create and coordinate a full set of residential construction drawings.
- Create and coordinate a full set of floor plans (single and multi-level)
- Develop reality capture project (RCP) plans.
- Produce interior and exterior elevations, develop sections, window, door & finish schedules.
- Validate design and verify that design intent is actually making it onto the documentation.

**4. Credit(s): 3 credits**

**5. Satisfies General Education Requirement: No**

**6. Prerequisite(s):** CON200 (Architectural 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 student portfolio.

**9. General Topical Outline (Optional):**