

COURSE OUTLINE

**Architecture 240**  
**Architectural Portfolio Development**

**I. Catalog Statement**

Architecture 240 provides instruction in the creation of an architectural portfolio. Topics include usage of software, page layout, and specific portfolio requirements for colleges. Also included is instruction to assemble a collection of sketches, ideas and written descriptions related to a project. Students will develop new or existing projects for use in their portfolio. Portfolios will be used for transfer purposes and as a record of work completed.

Units – 2.5

Lecture Hours – 1.0

Total Laboratory Hours – 4.5

(Faculty Laboratory Hours – 4.5 + Student Laboratory Hours – 0.0 = 4.5 Total Laboratory Hours)

Prerequisites: Architecture 120, 130, and 250 or equivalent.

**II. Course Entry Expectations**

Skills Level Ranges: Reading 5; Writing 5; Listening/Speaking 5; Math 3.

Prior to enrolling in the course, the student should be able to:

1. plan and design a two-story residential or commercial structure;
2. draw a complete set of documentation or working drawings;
3. select components from structural manufacturing literature;
4. use technical vocabulary as it applies to residential and commercial construction.
5. apply the basic principles of design of public structures;
6. use technical vocabulary related to one-story commercial construction.
7. complete a series of architectural drafting problems using the Revit software;
8. explain the relationship between floor plans, elevations, and section views within a parametric environment;
9. create three-dimensional models and construction documents for a residential and commercial design project;
10. create photo-realistic renderings of architectural projects.

### III. Course Exit Standards

Upon successful completion of the required coursework, the student will be able to:

1. use software required to complete an architectural portfolio;
2. assemble sketches, ideas, written descriptions, working drawings, and rendering for use in a portfolio;
3. meet requirements for submitting a portfolio to university.

### IV. Course Content

**Total Contact Hours = 88**

A. Introduction to course	1 hour
1. Review of computer aided design software fundamentals	
2. Expectations	
B. Project Development	4 hours
1. Selection of projects	
2. Cartooning	
C. Software	4 hours
1. Types of software used	
2. Review of software techniques	
D. Portfolio Formats	4 hours
1. Portrait	
2. Landscape	
E. Presentation Methods	3 hours
1. Digital	
2. Hardcopy	
F. Laboratory Assignments Related to Lecture Topics	72 hours

### V. Methods of Presentation

The following instructional methodologies may be used in the course:

- a. lecture;
- b. multimedia;
- c. guest speakers;
- d. individual projects.

### VI. Assignments and Methods of Evaluation

1. Midterm portfolio review.
2. Final portfolio review.

**VII. Textbook**

Linton, H., Portfolio Design, Current Edition,  
New York City: W. W. Norton & Company, 2004.  
10<sup>th</sup> Grade Textbook Reading Level. ISBN: 0393730956.

**VIII. Student Learning Outcomes**

1. Students will demonstrate the use of software required to complete an architectural portfolio.
2. Students will assemble sketches, ideas, written descriptions, working drawings, and rendering for use in a portfolio.
3. Students will describe the requirements for submitting a portfolio to university.