

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Architecture</u>
COURSE RUBRIC AND NUMBER	<u>ARCH 1304</u>
COURSE TITLE	<u>Architectural Design II (F)</u>
COURSE CREDIT HOURS	<u>3 2 4</u> Credits Lec Lab

I. Catalog Description

Creative problem solving and presentation of principles, concepts, and ideas as applied to introductory architectural projects. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills; A.2 Design Thinking Skills; A.4 Architectural Design Skills; A.5 Ordering Systems. Requires outside assignments. **Prerequisite: ARCH 1303 with a “C” or better. (2:4). Lab fee.**

II. Course Objectives

Upon successful completion of this course, the student will be able to:

- A. Discuss the principles of architectural design in academic terms.
- B. Demonstrate advanced skills in using architectural symbols in project presentations and in presentation techniques.
- C. Apply advanced theories of architecture, more complex spatial relationships, advanced design principles, and construction methodologies to structural design.
- D. Demonstrate the importance of form and function in architectural design.
- E. Given a project’s program, arrange the space requirements as required.
- F. Develop a portfolio to be utilized in completing his/her academic professional architectural degree plan.

III. THECB Learning Outcomes (ACGM)

Upon successful completion of this course, students will:

1. Demonstrate an understanding of spatial relationships.
2. Engage and apply a design approach across multiple scales and contexts.
3. Produce projects that demonstrate an awareness of the natural environment.
4. Recognize the use of project programs.
5. Recognize the use of precedents.
6. Explain the significance of proportion and scale in the built environment.
7. Select the appropriate representational media to translate programmatic issues into architectural form.
8. Articulate verbal and formal compositional vocabulary of basic architectural concepts.

