

El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	<u>Architecture</u>
COURSE RUBRIC AND NUMBER	<u>ARCH 2603</u>
COURSE TITLE	<u>Architectural Design Studio III</u>
COURSE CREDIT HOURS	<u>6 4 : 8</u> Credits Lec Lab

I. Catalog Description

Provides an intermediate architectural design studio that continues and expands the study of concepts from Architectural Design Studio II. **Prerequisite: ARCH 1304. (4:8). Lab fee.**

II. Course Objectives

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

- A. Develop the process of design and expand design theories.
- B. Demonstrate sustained design development and knowledge of problem solving, diverse design theories, environmental and site analysis, form and functional analysis, aesthetic design, and decision-making evaluation methodologies.
- C. Develop and incorporate architectural programming and understand its role in architectural design.
- D. Diagramming and conceptualizing in design to express an idea in a concise and systematic way.
- E. Integrate, advance, and utilize design skills acquired through previous design courses culminating in more complex visual and verbal presentations.
- F. Graphically communicate design ideas at various stages of the design process.
- G. Develop a research method for design through precedent and case studies.
- H. Develop programming skills through more complex programmatic requirements dealing with circulation, site, and topography. Identify owner and occupant's necessities, users' importance in design.
- I. Site design program dealing with solar and climatic impacts.
- J. Analyze the built environment and develop design approaches through contextual means.

III. THECB Learning Outcomes (ACGM)

Upon successful completion of this course, students will:

- 1. Demonstrate an understanding of the basic concepts and principles of architectural programming and its role in architectural design.

