

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Architecture</u>						
COURSE RUBRIC AND NUMBER	<u>ARCH 2470</u>						
COURSE TITLE	<u>Architectural Design Studio III</u>						
COURSE CREDIT HOURS	<table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; border-bottom: 1px solid black;">4</td> <td style="text-align: center; border-bottom: 1px solid black;">2</td> <td style="text-align: center; border-bottom: 1px solid black;">7</td> </tr> <tr> <td style="text-align: center;">Credits</td> <td style="text-align: center;">Lec</td> <td style="text-align: center;">Lab</td> </tr> </table>	4	2	7	Credits	Lec	Lab
4	2	7					
Credits	Lec	Lab					

I. Catalog Description

Continues advanced studies of varied architectural theories, perceptions, environmental impact factors, structural concepts, site analysis, environmental impact and advanced architectural design presentations. Requires outside assignments. **Prerequisite: ARCH 1304. (2:7). Lab fee.**

II. Course Objectives

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

- A. Integrate and utilize information acquired through previous design courses, culminating in more complex visual and verbal presentations of design work.
- B. Research and assimilate the development of design parameters as a mode of inquiry and problem methodology in synthesizing factual information of both implicit and explicit required design criteria for specific architectural problems.
- C. Translate the collected design data into a usable written and graphic format as a mode of inquiry and establish a written concept statement by which a design solution might be judged successful.
- D. Incorporate advanced theories of architecture, more complex spatial relationships, advanced design principles, site analysis/utilization, and environmental impact.
- E. Investigate and utilize various foundational approaches of construction methodologies as they relate to structural design options.
- F. Assimilate factual information and studies of the implicit or explicit values, conventions, and assumptions that make up the built environment.
- G. Demonstrate sustained development of advanced skills in and knowledge of problem solving, more diverse design theories, environmental and physical site analysis, form and functional analysis, aesthetic design, and decision making evaluation methodologies.
- H. Justify and argumentatively explain the particulars of an architectural design solution as it involves the intersection of architecture and physical place, the physical and psychological context in which a problem is theorized and solved by the architecture student.

