

El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	<u>Architecture</u>
COURSE RUBRIC AND NUMBER	<u>ARCH 2604</u>
COURSE TITLE	<u>Architectural Design Studio IV</u>
COURSE CREDIT HOURS	<u>6 4 : 8</u> Credits Lec Lab

I. Catalog Description

Provides a concluding architectural design studio for the lower-division that continues from Architectural Design III. **Prerequisite: ARCH 2603. (4:8). Lab fee.**

II. Course Objectives

Upon successful completion of this course, students will:

- A. 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 design criteria for specific architectural problems.
- B. Research building types through precedence and case study as a foundation into the phases of architectural design.
- C. Investigate and utilize building construction methods as they relate and support structural design options. Exploration of the effects of materials and building skin.
- D. Integrate multipurpose program into design problems. Design criteria shall have more complex programs that will require successful space planning of various types of user functions.
- E. Incorporated structure with implemented building code, and accessibility in design.
- F. Analyze program, site, and environmental impacts on building design function while solving interior and exterior design intent. Design considerations for light and space; artificial and natural lighting.
- G. A strong emphasis on technical, oral and graphic presentations to express and communicate design concepts and principles of architecture.
- H. Justify and explain the particulars of architectural design solutions in which a problem is theorized and solved by the architecture student.
- I. Analyze and incorporate sustainable methods in design.

III. THECB Learning Outcomes (ACGM)

Upon successful completion of this course, students will:

1. Articulate and express concretely the specific principles of architecture.
2. Exercise an expanded architectural vocabulary.
3. Demonstrate technical knowledge necessary to address the varied criteria of architectural design.
4. Investigate function, the use of space, order, structure, and design methodologies effectively.
5. Communicate ideas with graphic methods as required in the practice of architecture.

IV. Evaluation

The course grade will be based on the following percentages of work:

PROJECTS 100% TOWARD THE FINAL GRADE

Iteration bonus for design progress and active participation - max. 5%

Grading Scale

90-100	=	A
80-89	=	B
70-79	=	C
60-69	=	D
Below 60	=	F
Incomplete	=	I
Withdrew or Withdrawn	=	W

IV. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

V. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.