

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Architecture</u>
COURSE RUBRIC AND NUMBER	<u>ARCH 1307</u>
COURSE TITLE	<u>Architectural Graphics I (F)</u>
COURSE CREDIT HOURS	<u>3 2 : 4</u> Credits Lec. Lab

I. Catalog Description

Introduction to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis two-dimensional and three-dimensional composition. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills. **(2:4). Lab fee.**

II. Course Objectives

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

- A. An understanding of the history of techniques associated with representation, visualization, analysis, and presentation in an analog and digital realm.
- B. Implement basic drawing techniques with an understanding of how these skills can be graphically applied to space/form ideas and architectural representation.
- C. Execute the major conventions of architectural drawing representation such as axonometric, isometric, oblique and perspective views.
- D. Execute and understand multiple digital design software.
- E. Compose and present drawings with attention to line weight, character, and accuracy.
- F. Structure and organize elements of design into complete two and three dimensional illustrations.
- G. Utilize necessary analog/digital tools to produce architectural drawings and presentation displays by using multiple media platforms in assigned projects.
- H. Use drawings to explore and diagram design concepts. Student will explore the interrelationship and process of translating design ideas from analog to digital.
- I. Produce well-crafted presentations that communicate architectonic ideas clearly and effectively for studio presentations.
- J. Execute the major conventions of architectural representation, such as plans, sections, elevations, and other three-dimensional drawings.

III. THECB Learning Outcomes (ACGM)

Upon successful completion of this course, students will:

1. Execute the major conventions of architectural representation, such as plans, sections, elevations, and other three-dimensional drawings.
2. Use tools necessary to produce architectural drawings.
3. Use drawings to explore and diagram design concepts.
4. Explain/describe the history of techniques associated with representation, visualization, analysis, and presentation.
5. Produce well-crafted presentation materials that communicate ideas clearly.

IV. Evaluation

Project Evaluation will be based on the degree to which the student demonstrates:

1. The creative solution to design projects.
2. The understanding and execution of design principles.
3. The communication skills involved with solutions, including craftsmanship and use of materials and mediums.
4. Professional attitude toward design and effort.
5. Neatness in presentation and project execution.

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

PROJECTS 100% TOWARD THE FINAL GRADE
*5% additional credit for participation as noted in the Instructor's Course Requirements

Grading Scale

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

V. 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).

VI. 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.

VII. Title IX and Sex Discrimination

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.