

El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	<u>Architecture</u>
COURSE RUBRIC AND NUMBER	<u>ARCH 1308</u>
COURSE TITLE	<u>Architectural Graphics II</u>
COURSE CREDIT HOURS	<u>3 2 : 4</u> Credits Lec Lab

I. Catalog Description

Continues the study, methodology, and production of architectural drawings. Explores the techniques available for the design process with emphasis on three-dimensional composition both analog and digital.
Prerequisites: ARCH 1307. (2:4). Lab fee.

II. Course Objectives

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

- A. Use Three-Dimensional Digital Modeling in various platforms with further exploration of software capabilities.
- B. Investigate color theory and utilize color effectively in design through various analog and digital media.
- C. Use shade and shadow techniques effectively in design; student will have an overall understanding of design orientation and light source.
- D. Create drawings that demonstrate an understanding of design processes and further explore various ways to represent design concepts through various ordering principles.
- E. Compare and interpret the relationship between analog and digital techniques.
- F. Utilize various digital media to create presentations for target audiences within the profession and the general public; select appropriate media techniques for greatest emotional and artistic impact.
- G. Develop a comprehensive design presentation, including plans, elevations, sections, axonometric, perspectives, and appropriate graphics to communicate schematic and design decisions.
- H. Master digital imaging software through graphic design principles and architectural representation and produce quality images and publications suitable for portfolios.

III. THECB Learning Outcomes (ACGM)

Upon successful completion of this course, students will:

1. Execute the major conventions of architectural representation of pictorial drawings such as axonometric, isometric, and oblique views.
2. Use color effectively in design.
3. Use shade and shadow techniques effectively in design.
4. Create drawings that demonstrate an understanding of design processes.
5. Diagram spatial ideas and clarify design concepts.
6. 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.