

STANDARDIZED COURSE OUTLINE

SECTION I

SUBJECT AREA AND COURSE NUMBER: ARC 103L
COURSE TITLE: GRAPHICS I LAB

COURSE CATALOG DESCRIPTION: This course develops a knowledge of architectural perspective, rendering, graphic materials and techniques through demonstrations and laboratory work.

LAB HOURS: 4
CREDIT HOURS: 2

PREREQUISITE: none
CO-REQUISITE: ARC 103

SECTION II

A. **SCOPE:** Investigations will focus on the students' ability as demonstrated in a wide range of rendering projects. A minimum of one project covering each major technique is required for the student to demonstrate knowledge of course objectives. These techniques will be reiterated in form of class exercises and critiques where students will "pinning up" their work or review by the lecturer and their peers. Ideas about architectural rendering techniques, use of color and methods of presentation will be discussed and their importance in the professional field of practice will be emphasized.
3-D presentation in the form of architectural scale models will be included as a culmination of the idea of architectural presentation method.

B. **REQUIRED WORK:**
Students will be expected to do the required sketch exercises on specific rendering techniques during lab time. The course will focus on the students' ability as demonstrated in a wide range of rendering projects. A minimum of one project covering each major technique is required for the student to demonstrate knowledge of course objectives.
Project content will focus on the fundamentals of rendering, giving an overview of the major areas. Projects will be integrated with the subjects taken in the same semester as much as possible.
In addition students will be required to begin to put together a portfolio of their work. Emphasis will also be put on finishing exercises and projects within a given time period, modeling actual office experience.

C. **ATTENDANCE AND PARTICIPATION:**
Regular attendance, assignment submissions, timeliness, promptness and class participation are expected.

D. METHODS OF INSTRUCTION

Methods of instruction include any of the following: lecture, demonstration , group sketching and critique, use of classroom audiovisual and computer –based presentation materials.

E. OBJECTIVES, OUTCOMES AND ASESSMENTS

1. COURSE OBJECTIVES/COMPETENCIES

LEARNING OBJECTIVES	LEARNING OUTCOMES	ASSESSMENT METHODS
To demonstrate an understanding of:	Student will:	As measured by:
Various graphic techniques- pencil sketching color pencil rendering	Show understanding of techniques shown in text and as demonstrated in class	Class exercises, homework and major projects
Creating shade and shadow with pencil and colored pencils	Show understanding of shade and shadow by implementing these in renderings.	Class exercises, homework and major projects
Fundamental aspects of an architectural perspective	Construct and compose and understand techniques for perspective	Exercises to construct a one and two-point perspective
Rendering with a wide range of materials-markers, color pencils and gray tones	Understand different media materials and papers shown and explained in text.	Class exercises, homework and larger projects with different media types
Values of color, hue and contrast in rendering	Show an understanding by choosing appropriate color combinations and color papers for presentation	Class exercises, homework and larger projects
Basic model making techniques and transformation of 2-D presentation into 3-D	Learn cutting and assembly techniques using foam core and cardboard material	Simple form 3-D model project
Importance of architectural presentation in the architectural field both in school and as a practicing architect.	Student will begin to put together a portfolio of his/her work	Creation and evaluation of a presentation portfolio

F. TEXT (S) AND MATERIALS

Color Drawing, by Doyle ISBN #047-1285587

Portfolio: hardbound, 8 ½” x 11” or 11” x 14”

Drawings Materials; pencils (H, HB, B), sharpener, color pencils, color markers.

G. INFORMATION TECHNOLOGY- Microsoft Word for Research paper