

## STANDARDIZED COURSE OUTLINE

### SECTION I

**SUBJECT AREA AND COURSE NUMBER: ARC 207L**

**COURSE TITLE: ARCHITECTURAL DESIGN II/DETAILING LAB**

**COURSE CATALOG DESCRIPTION:** Course will have emphasis is directed towards developing graphic, verbal skills in designing and presentation as they apply to commercial projects and professional standards through exercises and larger projects, demonstrations and fieldtrips. Architectural exercises and projects will focus on steel framing systems in commercial projects of greater complexity and detail applications and focus on the traditional architectural office.

**LAB HOURS: 4**

**CREDIT HOURS: 1**

**PREREQUISITE: Design I and Design I Lab**

**CO-REQUISITE: Design II/Detailing**

### SECTION II

- A. SCOPE:** The course will focus on the student's ability to meet the subject competencies and objectives through communication of design. Students will demonstrate an understanding of basic design concepts applied to given projects. Exercises and major projects deal with commercial projects of greater complexity and detailing and focus expectations of the traditional architectural office. Basic commercial construction methods will be emphasized with integration of material covered in courses normally taken during the same semester. Construction methods will be emphasized with integration of material covered in courses normally taken during the same semester.
- B. REQUIRED WORK:** Students will be expected to use given requirements to in a limited amount of time and work out possible design and construction solutions. Project emphasis will be placed on execution of a more complex large-scale design concept, detailing practice and knowledge of professional drafting, as demonstrated through projects. These solutions will be shown in plan, section, elevations and large scale details. A minimum of five major projects will be assigned over the course of the semester. Project review will be by jury for a minimum of 50% of projects. Students will be exposed to public speaking and the pressure of directly integrating with classmates. Student will submit work for final review to a personal portfolio.
- 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 discussion, field-trips and use of classroom audiovisual and computer – based presentation materials.

**E. OBJECTIVES, OUTCOMES AND ASESSMENTS**

**1. COURSE OBJECTIVES/COMPETENCIES**

<b>LEARNING OBJECTIVES</b>	<b>LEARNING OUTCOMES</b>	<b>ASSESSMENT METHODS</b>
To demonstrate an understanding of:	Student will:	As measured by:
Large scale design techniques	Apply design concepts to given projects	Class exercises, charrettes and projects
Develop preliminary programs from varied information sources	Use class examples as well as actual project examples from the field	Class exercises, charrettes and projects
Commercial construction techniques for medium to large public buildings	Study and document class examples as well as actual project examples from the field	Class exercises, charrettes and projects
Further development of more complex or multiple use functional layout requirements	Layout complex program pieces from a given set of requirements	Class exercises, charrettes and juried final projects
Professional Contract Documents in terms of information and detail	Apply class examples as well as actual project examples from the field	Class exercises, , charrettes, and juried final projects
Importance of verbal and graphic communication for all phases of the project	Give oral presentation and organize and write material for presentation of ideas.	Oral presentation in small groups and in front of class, short research exercises.
Ability to solve problems and produce drawings in a timely and neat fashion	Produce work in a specific period of time, using organizational skills and problem solving skills and limited resources	Class exercises, , charrettes and projects, group review and juries
Importance of team work and discussion with peers to solve problems and generate new ideas	Work together with peers to come up with different solutions to the same problem	Class discussions and “pin – up “ sessions in class

**F. TEXT(S) AND MATERIALS**

Architectural Graphics For Students.-by FrancisD. K. Ching, and Space, Form and Function, FrancisD. K. Ching,

**G. INFORMATION TECHNOLOGY-** Microsoft Word for Research paper