

STANDARDIZED COURSE OUTLINE

SECTION I

SUBJECT AREA AND COURSE NUMBER: ARC 207

COURSE TITLE: ARCHITECTURAL DESIGN II/DETAILING

COURSE CATALOG DESCRIPTION: The emphasis in this course is on development of graphic, verbal and written skills in designing, and professional standards through lectures, demonstrations, fieldtrips, quizzes and exams. Architectural projects associated with the lecture portion will focus on steel framing systems in commercial projects of greater complexity and detail applications and focus on the traditional architectural office

LECTURE HOURS: 2

CREDIT HOURS: 2

PREREQUISITE: Design I and Design I Lab

CO-REQUISITE: Design II Lab

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 discussions 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.
- B. REQUIRED WORK::** Students will be expected to use given requirements to within in a limited amount of time and work out possible design and construction solutions with an emphasis on construction details. Presentation of ideas and details in an oral form will be required. A minimum of two tests will be given on integration of the text with the project material. As a studio course the emphasis is placed on the execution of the assigned projects.
- 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 ASESMENTS

1. COURSE OBJECTIVES/COMPETENCIES

LEARNING OBJECTIVES	LEARNING OUTCOMES	ASSESSMENT METHODS
To demonstrate an understanding of:	Student will:	As measured by:
More complex large -scale design concepts	Use textbook examples as well as actual project examples from the field	Class exercises, homework, and tests
Develop more complex programs from varied information sources	Use textbook examples as well as actual project examples from the field	Class exercises, homework and tests
To demonstrate professional conventional page layout and relationship of specific drawings to the Contract Documents in terms of information and detail	Use textbook examples as well as actual project examples from the field	Class exercises, homework and tests
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.
Importance of producing and compiling information for presentation in a limited time frame with limited resources	Solving overall concepts and detail applications in a limited amount of time given limited information and resources	Written responses and research papers to accompany major projects

F. TEXT(S) AND MATERIALS

Building Construction Illustrated, 3rd Ed.- Francis D. K. Ching, Casandra Adams , ISBN: 0-471-35898-3 Paperback

G. INFORMATION TECHNOLOGY- Microsoft Word for Research paper