

STANDARDIZED COURSE OUTLINE

SECTION I

SUBJECT AREA AND COURSE NUMBER: ARC 203

COURSE TITLE: ARCHITECTURAL DRAFTING II

COURSE CATALOG DESCRIPTION: Students will develop a working knowledge of architectural drawing, fundamental design parameters, and professional standards through lectures, demonstrations, fieldtrips, quizzes and exams. Architectural projects associated with the lecture portion will focus on masonry veneer and masonry load-bearing commercial construction.

LECTURE HOURS: 2

CREDIT HOURS: 2

PREREQUISITE: Drafting 1 and Drafting 1 Lab

CO-REQUISITE: Drafting II Lab

SECTION II

- A. SCOPE:** The course will focus on the student's ability to meet the subject competencies and objectives through their communication of drafting and text with project material. Student will understand architectural drawing, fundamental design parameters and professional standards and conventions used in the building industry. Basic residential 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 communicate ideas and work out solutions within given fundamental design parameters and present these orally expressing professional standards and conventions. A minimum of two tests will be given on integration of the text with the project material.
- 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:
Masonry veneer construction and detailing	Use textbook examples as well as actual project examples from the field	Class exercises, homework, quizzes and exams
Masonry load-bearing construction and detailing	Use textbook examples as well as actual project examples from the field	Class exercises, homework quizzes and exams
To demonstrate 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 quizzes and exams
How to develop efficient strategies to solve problems in a limited time	Produce work in a specific period of time, using organizational skills and problem solving skills	Oral presentations, class exercises

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