STANDARDIZED COURSE OUTLINE

SECTION I

SUBJECT AREA AND COURSE NUMBER: ARC 203L
COURSE TITLE: ARCHITECTURAL DRAFTING II Lab

COURSE CATALOG DESCRIPTION: students will develop a working knowledge of architectural drawing, fundamental design parameters, and professional standards through lectures, demonstrations, large projects. Architectural projects will focus on masonry veneer and masonry load-bearing commercial construction.

LAB HOURS: 4
CREDIT HOURS: 1

PREREQUISITE: Drafting I and Drafting I Lab
CO-REQUISITE: Drafting II

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. Students will develop a working knowledge of architectural drawing, fundamental design parameters, and professional standards through demonstrations, "Charrettes", larger projects and fieldtrips. Architectural projects associated wit the lecture portion will focus on masonry veneer and masonry load-bearing commercial construction.
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 draw plans, sections, elevations and details and develop design ideas and demonstrated construction detailing and understanding of professional orthographic drafting standards and how these are used in architectural offices and in the construction of structures. A minimum of four projects will be assigned intended as an integration of the text with the project material. Students will be required to present their projects to a peer and occasionally professional jury.

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

LEARNING OBJECTIVES	**LEARNING OUTCOMES**	**ASSESSMENT METHODS**
To demonstrate an understanding of:	Student will:	As measured by:
Detailing masonry veneer on light –gauge metal framing	Use textbook examples as well as actual project examples from the field	Class exercises, charrettes and projects
Detailing masonry load-bearing construction	Use textbook examples as well as actual project examples from the field	Class exercises, homework, charrettes and projects
Detailing steel framed construction	Use textbook examples as well as actual project examples from the field	Class exercises, homework, charrettes and projects
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	Class exercises, , charrettes and projects
Importance or clear and concise oral presentation in the professional field	Present project and answer questions in front of peers.	Class project presentations
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 charettes and 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