

ARCH 123/133 DESIGN & DRAWING/DESIGN & VISUAL COMMUNICATION 1.3

3/4 Units, Required Laboratory Course, Spring Quarter

DESCRIPTION:

Continuation of ARCH 121/131 and ARCH 122/132 plus the issues, concepts, processes and skills pertaining to the analysis and design of architectural form, space and organizations.

3/4 Laboratories.

Prerequisites: ARCH 122 or ARCH 132.

OBJECTIVES:

The student completing this course will be able to:

Meet the objectives of ARCH 131/121 and 132/122 with greater competency and understanding and employ the concepts, methods and skills with greater effectiveness and subtlety.

Employ a variety of graphic techniques and languages and pictorial systems to represent and communicate the essence of quantitative and qualitative information, ideas, concepts and emotions.

Analyze published examples of an architect's work and express some quality and/or philosophical position evident in the work through a two-dimensional graphic design.

Analyze a published work of Architecture and identify and present the formal qualities that support its expressive impact/communication through a two-dimensional graphic design.

Analyze a site and represent the natural factors of sun, views and wind in a composite site diagram.

Analyze a simple building program and diagrammatically represent its spatial and relational requirements.

Generate and annotate proportionally reasonable alternative conceptual solutions to a simple architectural program using plan sketches.

Draw multiview, paraline and perspective drawings to explore and develop the three-dimensional implications of design alternatives.

Create a final composite presentation employing multiview and perspective drawings and diagrams with annotations.

CONTENTS:

Projects will further explore two- and three-dimensional design issues, concepts and processes through the design of things and visual communications.

Concepts of size, shape, surface, material, context, number, variety and relationship (pattern, hierarchy, contrast and balance) will be further explored.

Assignments and projects will develop the student's understanding and skills associated with orthographic, paraline and perspective pictorial systems.

Projects and exercises are designed to simultaneously explore traditional freehand drawing and drafting techniques.

Students will use a sketchbook to record their design process and class exercises.

Note: The 130 series design courses integrate the use of digital media into content.

REQUIREMENTS & INSTRUCTIONS:

Concepts, methods and techniques are introduced through a series of in-class exercises and demonstrations.

Student interaction, sharing and growth are supported through peer critiques of preliminary and final work in both small and large groups.

Student learning is assessed through the evaluation of their solutions to assigned design and visual communication projects based on specified criteria.