

ARCH 122/132 DESIGN & DRAWING/DESIGN & VISUAL COMMUNICATION 1.2

3/4 Units, Required Laboratory Course, Winter Quarter

DESCRIPTION:

Continuation of ARCH 121/131 plus the issues, concepts, processes and skills pertaining to color theory and the design and visual communication of architectural space.

3/4 Laboratories.

Prerequisites: ARCH 121 or ARCH 131.

OBJECTIVES:

The student completing this course will be able to:

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

Make decisions concerning color dimensions (value, hue and chroma) and relationships (analogous, complementary, triadic, warm/cool) to achieve desired ends. Work as a positive member of a team.

Develop a rational form and design a sequence of spaces that create an experiential continuum from simpler to more complex.

Develop and communicate a design concept through the construction of a simple physical mass model that is durable and dimensionally accurate.

Develop a set of multiview drawings that refine a design developed through a mass model.

Employ color to enhance the illusion of three-dimensional form and space.

Establish the sun's location and create corresponding shadows within multiview, paraline and perspective pictorial systems.

Construct the reflections of objects within paraline and perspective pictorial systems.

Represent materials and transparency within multiview, paraline and perspective pictorial systems.

CONTENTS:

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

Students will work in teams to solve a design project and develop their interpersonal and team skills.

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.