

UCSD Global Seminar

Summer Session I
July 1–August 2

TDDE 131: Architectural Drawing + Rendering**Mark Guirguis**

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Objective:

This class is intended to be an introduction to the foundation skills for drawing as well as carefully observing and analyzing architecture and design. Each week will comprise of a series of exercises that will culminate in more advanced drawing exercises that include color and rendering.

This course would provide a foundation for basic drawing skills but also focus on architectural analysis, looking at ordering and proportioning theories. In conjunction with TDGE 125 there will be many site visits to study both modern and traditional architectural works. Through the practice of observing and drawing, students will gain both technical skills and an introduction to observing architecture closely to better understand it structurally and aesthetically.

Evaluation:

Students will be evaluated based on committed completion of projects for in class assignments and homework projects that are required each week. Students must hand in homework at the beginning of each class meeting to receive full credit. Students will be evaluated on their progress throughout the quarter.

Books Referenced:

Reading materials will be available on TritonEd

“Wabi-sabi for Artists, Designers, Poets & Philosophers”

Leonard Koren

“Architecture: Forms, Space, and Order”

by Francis D.K. Ching

“Keys to Drawing” by Bert Dobson

"Drawing and Perceiving" by Douglas Cooper

Week 1: Session 1 | Contour studies, positive and negative spaces

Homework: 6 pure contour studies (3 hands +3 feet) +2 negative space drawings (furniture piece+mechanical object)

Reading: Reading: "The Drawing Process" + "Proportions: taking the measure of things"

Week 1: Session 2 | Defining shapes, proportions, foreshortening

Homework: shape/mass study, 3 pure contour studies (hands +feet) +1 negative space drawings

Week 2: Session 1 | Light and shadow still life studies

Homework: Replication drawing. Full-length figure drawing

Reading: "Drawing the figure" + "Modeling light"

Week 2: Session 2-3 | Capturing volume and mass, improvised forms, characters, space

Homework: character sketches

Reading: "Drapery-hard and soft edges", "Reflective surfaces"

Week 3: Session 1 | Constructing perspective

Homework: Fabric + surfaces

Reading: "Perspective-a visual approach"

Week 3: Session 2-3 | illustrating design concepts

Homework: Personal settings

Reading: "Making the familiar strange" + "Imposing perspective"

Week 4: Session 1 | Color: introducing color

Homework color studies

Week 4: Session 2 | Color: introducing color pencil

Homework: Color studies

Week4: Session 3 || Construction logic: sketch analysis

Homework: Site specific: rendered + 3 character studies

Week 5: Final Rendering Project

Techniques for color medium for final rendering

Final: Rendering Final-Production Concept Illustration

Final project: Complete concept rendering

Materials List:

Spiral Sketch book: 8”X11”

Drawing pad: 11”X14”

3,4,6 B pencils

Conté Crayons

Charcoal sticks(compressed): black + white (2 each)

Ink Pens: 1 Brush pen, “Pigma” or “Micron”

Blending sticks

Sharpener

One large eraser,

One pencil eraser

Color mediums: color pencils (set of 12, “Prismacolor” or “Derwent”)

Attendance:

Please note that attendance is mandatory. Attendance involves being fully committed to in class exercises.

One unexcused absence will result in a grade point drop. Two late arrivals (7+mins) =1 absence.