

**Number & Title of Course (total credits awarded):**

ARC 5361 Core Design and Graphics 1 (9 cr hrs)

**Course Description:**

Core architectural design studio with emphasis on the design process with a graphics component that focuses on the important methods/skills used to inform, explore and express design thinking.

**Course Goals & Objectives:**

Understand design processes: generative, analytical and transformative; abstract space: figure-ground, organization, implicit and explicit spatial definition, edge and boundary, spatial relationships; and qualitative place: experience, phenomenon / perception, path and sequence, threshold, and cultural relevance and significance. Understand speculation and alternative influences and generative devices. Able to create spatial organizations and relationships: form and space; phenomenon and experience; along with procession with place and itinerary with moment. Develop graphic skills that are generative, analytical, and transformative freehand sketching; drawing issues: line quality, figure ground, tonal value, composition, and craft; drawing types: diagramming, sketching (2&3D), orthographic (plan, section, elevation, site), axonometric, and perspective drawings; and model-making: bug, sketch, conceptual, and draft models as they are interrelated with design assignments.

**Student Performance Criterion/a addressed (list number and title):**Understanding:

A.2 Design Thinking Skills; A.3, Investigative Skills; A.4, Architecture Design Skills; A.5, Ordering Systems; A.6 Use of Precedents

**Topical Outline (include percentage of time in course spent in each subject area):**

Week 1 - 4: Speculative Constructions (with series of smaller exercises)

Week 5 - 9: Phenomenon and Experience (with series of smaller exercises)

Week 10 and 11: Site and Place constructs

Week 12 through 15: Final project.

**Prerequisites:**

N/A

**Textbooks/Learning Resources:**

Readings provided online from historical and contemporary texts.

**Offered (semester and year):**

Fall semester

**Faculty assigned:**

Steven Cooke (F/T), Brandon Hicks (Adj), Levent Kara (F/T), Christopher Weaver (Adj)