

Number & Title of Course:

ARC 5366, Advanced Design C: Urban Design Studio, 6 credits.

Course Description: This course expands students' knowledge beyond architecture and design of buildings to include the design of the natural and man-made systems and the public realm.

Course Goals & Objectives (list):

- Students will explore a number of complex urban design challenges in the design of buildings, landscapes, and other infrastructure to achieve an environment that is conducive for healthy living, learning, working, playing, and interacting.
- Students will get a thorough understanding of the scale and experiential quality of urban space.
- Students will learn about formal and spatial systems (natural and man-made) to order urban space.
- Students will explore the publicness of built form.
- Weeklong field trip to urban destinations for learning through first-hand experience and analysis of precedents at the city and district scale.

Student Performance Criterion / addressed (list number and title):Ability:

A.1, Prof Communication; A.2, Design Thinking skills; A.3, Investigative Skills, A.4, Arch Design Skills; A.5, Ordering Systems; A.6 Use of Precedents;
B.1, Pre-Design; B.2, Site Design;

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

Precedent studies and analyses (10%)

Historical, morphological, environmental, socio-cultural, land-use and visual and sensorial analysis of space and form of site (15%)

Program development (5%)

Design (65%)

Presentation (5%)

Prerequisites:

Core Design 1, 2 and 3, Architectural History 1 and 2, Design Theory, Introduction to Technology, Materials and Methods of Construction, Structures 1 and 2.

Textbooks/Learning Resources:

Per faculty.

Offered (semester and year):

Fall / Spring / Summer

Faculty assigned (list all faculty assigned during the two academic years prior to the visit):

Trent Green (F/T)

Jan Wampler (Visiting Faculty)

Kristien Ring (F/T)

Taryn Sabia (F/T)

Levent Kara

Josue Robles

