



SDES2412 Spatial Design: Experimental Domestic Spaces

Term T1, 2019

Course Information

Units of Credit: 6

Course Overview

Course Description

This course introduces the theory and practice of domestic space design. Through an exploration of the concept of home in lectures intended to engage, inform and inspire, you will examine a wide range of domestic typologies from the practical (e.g. capsule hotels, emergency housing, studio flats) to the experimental (e.g. pop-up installations, aviaries, fairground fun houses). In studio-based assignments, you will critically analyse precedent designs and respond creatively to client briefs for the design of domestic spaces by applying key principles of mind-body-environment relations to your concept and design development. Analysing domestic spaces as sets of points, planes and patterns, you will learn to explore, experiment with, and communicate your proposals through models built by hand and with digital software. In developing these skills you will also become familiar with some of the professional opportunities open to spatial designers, including building design, installation design, model-making, and architectural visualisation.

Course Learning Outcomes

On completion of this course, the student should be able to:

1. Document and critically engage with a range of spatial design precedents.
2. Apply spatial design principles and problem-solving strategies to a range of client-driven briefs.
3. Explore design concepts and communicate design responses through manual and digital modelling.
4. Communicate design responses through the effective use of texts and images.

Teaching and Learning in this Course

This course uses a variety of teaching approaches:

Blended/online

- Review - assessment tool
- Turnitin - originality checking
- Moodle - learning management system

Lectures

Short lectures on the principles of spatial design incorporated into a 4-hour studio

Studio

The studios involve mini-lectures, demonstrations, guided practice and independent explorations (both individually and in collaborative groups) to develop skills, promote experimentation and critical reflection.

Assessment

	TITLE	WEIGHTING	ASSESSMENT TYPE
Assessment Task 1	Small Spaces	60%	Design Studio Work
Assessment Task 2	High Density Living	40%	Project

References for this Course

Books and Websites:

Alexander, C, Ishikawa, S. Silverstein, M. (1977). A Pattern Language: Towns, Buildings, Construction. New York. Oxford University Press

Ching, F (2007). Form, Space and Order. New Jersey. John Wiley and Sons

Congdon, R.T. (2010). Architectural Model making: Tools, Techniques and Materials. Fairchild.

Seamon, D. (1979) A Geography of the Lifeworld: Movement, Rest and Encounter. London. Croom Helm.

Download available: http://www.arch.ksu.edu/seamon/books_intro.htm

Videos and Online tutorials:

lynda.com

ChicagoArchToday Video Tutorials:

Part 1: Architectural Modelmaking - Tools and Materials (ChicagoArchToday)

http://www.youtube.com/watch?feature=player_embedded&v=47ID_XQ5ID8

Part 2: Architectural Modelmaking -Scaling and Cutting (ChicagoArchToday)

http://www.youtube.com/watch?feature=player_embedded&v=iV093Yo1Ab4#t=61

Part 3: Architectural Modelmaking -Glueing and Connecting (ChicagoArchToday)

http://www.youtube.com/watch?feature=player_embedded&v=hytDc_mtW-A#t=52

Digital-Tutors Video Tutorials: Photoshop and Illustrator:

digital-tutors: Introduction to Photoshop CS5

<http://www.digitaltutors.com/11/training.php?pid=85>

digital-tutors: Beginners Guide to Digital Painting in Photoshop

<http://www.digitaltutors.com/11/training.php?pid=528>

digital-tutors: Beginner's Guide to Image Editing in Photoshop

<http://www.digitaltutors.com/11/training.php?pid=500>

digital-tutors: Adobe Illustrator for Photoshop Users

<http://www.digitaltutors.com/11/training.php?pid=338>

digital-tutors: Beginners Guide to Illustrator

<http://www.digitaltutors.com/11/training.php?pid=498>