

Global Learning Semesters

Course Syllabus

Course: DES-125 Technical Synthesis

Department: Design

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
DES-125	Technical Synthesis	3
Semester Offered	Contact Hours	Prerequisites
Spring	42	DES-172
Department	Level of Course	Language of Instruction
Design	Lower Division	English

Course Description

- Objects/Furniture-Symbolic values
- Anthropometric Data
- Scale/Proportion/Distance
- Design Process - Concept, Bubble diagrams, Rough Plans & 3D Sketches, Corrections, Refinement of the plan
- Presentation: Rendering, Shades, Colours, Model making
- Three dimensional presentations Sketches, Final presentation, Rendering

Instructor

Hadjisoteriou Maria

Course Aims and Objectives

To help students develop three dimensional awareness, understanding and cognition of spatial relationships that are present in structural, proportional, site and solar systems. The course is designed to enable students to study relatively simple, functional, structural elements in interior spaces, to explore how simple, everyday objects may represent themselves to the occupants of a building. Students are encouraged to start focusing on ranges of materials which will be studied during the year and their particular aesthetic and structural qualities.

Teaching Methods

The course is delivered through a mixture of lectures, studio presentations, studio tutorials and practical exercises and assignments.

Course Teaching Hours

42 hours . The course is delivered during the Spring semester in 14-weeks (3 hours/week).

Evaluation and Grading

Homework: 20%
Mid-Term: 30%
Final Exam: 50%

Readings and Resources

Required Textbook

Miller M S (1995) Design Process: a primer for architectural and interior design; Van Nostrand Reinhold Co; New York

Recommended Reading

Neufert, Ernst (1980) Architect's data, London

Karlen, Mark (1993) Space Planning Basics, Van Nostrand Reinhold Co; New York

Meiss P (1990) Elements of architecture: from form to place; Van Nostrand Reinhold Co; New York