

Global Learning Semesters

Course Syllabus

Course: DES-413 Building Services

Department: Design

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
DES-413	Building Services	3
Semester Offered	Contact Hours	Prerequisites
Fall	42	Senior
Department	Level of Course	Language of Instruction
Design	Upper Division	English

Course Description

- Building Services – an overview throughout the design process
- Environmental control systems – heating (side/floor/electrical), ventilation (ducts and opening/cross ventilation)
- Electrical installations (space planning basics/lighting)
- Plumbing and drainage
- Working drawings/detail design/representation

Instructor

Kyriakos Pontikis

Course Aims and Objectives

The course explores the full range of interior construction components related to building services, including environmental control systems (heating and ventilation), electrical installations, plumbing and drainage. Construction details and materials in relation to building services are presented emphasising their structural as well as their aesthetic properties. Working drawings and details are stressed throughout the course together with lecture material and discussion of interior work detailing.

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 Fall semester in 14-weeks (3 hours/week).

Evaluation and Grading

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

Readings and Resources

Required Textbook

There is no required textbook for this course

Recommended Reading

Staebler, S. (1988) Architectural Detailing in contract interiors; Watson-Guptill Publications NY

Ashcroft, R. (1992) Construction for Interior designers; Longman UK

Dean, Y. (1996) Finishes; Longman UK

The Mitchell Series on Building Services