

Global Learning Semesters

Course Syllabus

Course: ARCH-365 Space & Light

Department: Design

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
ARCH-365	Space & Light	3
Semester Offered	Contact Hours	Prerequisites
Please contact us	42-45	Sophomore Standing
Department	Level of Course	Language of Instruction
Design	Upper Division	English

Course Description

This is a fundamental course in lighting and its interaction with visual perception and aesthetics. The basic functions of lighting are studied analysed and critiqued as design elements. Lecture topics include color, light sources, measurement and control as they affect the interior environment. Students are asked to transfer this information to lighting plans and specifications and are encouraged to explore how the luminous aspects of space can control subjective mood and convey symbolic values.

Prerequisites

Sophomore Standing

Topic Areas

1. Light in interior spaces
2. Aesthetic value of light
3. Light and symbolic meanings
4. Daylight
5. Equipment/furnishing
6. Light sources
7. Measurement of light
8. Light control
9. Lighting for exterior spaces

Readings and Resources

Recommended Reading

- King, C.(1997) Designing with light: the creative touch; Rizzoli, New York
- Jankowski, W. (1991)Designing with light: residential interiors; Rot vision, New York
- Whitehead, R. (1999)The art of outdoor lighting; Rockport Publishers, Gloucester MA
- Whitehead, R. (1995) Commercial Lighting: creating dynamic public spaces; Rockport Publishers, Gloucester MA
- Myerson, J. (1996) International lighting design; Laurence King, UK
- Muneer, T. (1997) Solar Radiation & Daylight Models for the Energy Efficient Design of Buildings, Architectural Press UK

- Baker, N(ed) Daylighting in Architecture; James & James (Science Publishing) Ltd