



Course Code	Course Title	ECTS Credits
INT-212	Light & Colour	6
Department	Semester	Prerequisites
Architecture	Spring	INT-211
Type of Course	Field	Language of Instruction
Major Requirement	Interior Design	English
Level of Course	Year of Study	Lecturer
1 st Cycle	2nd	Polina Papantoniou
Mode of Delivery	Work Placement	Co-requisites
face-to-face	N/A	None

Objectives of the Course:

The main objectives of the course are to:
Comprehend the value of light & colour, as essential elements of design
Look at characteristics of light: reveals structure; emphasizes materials; a connects or separates space, creates a focus....
Differentiate daylight from artificial light; learn to manipulate both depending on objectives and goals.
To learn about, light sources, measurement and control
Introduce the psychological impact of light and colour
Study colour systems and their relationship to materials, textures & patterns
Learn about the effect of colour on the interior environment

Learning Outcomes:

After completion of the course students are expected to be able to:
Explain the principles of natural and artificial light and its interaction with visual perception and aesthetics.
Comprehend the basic functions of lighting & colour as design element.
Identify characteristics of different light sources
Demonstrate understanding of how lighting is controlled and its effect on the interior environment
Explore how the light and colour of a space can control the atmospheric conditions and the use of space
Experiment with combinations of light / colour and textures
Present lighting proposals through for various interior environments

Course Contents:

- Light in interior spaces
- Aesthetic value of light & colour
- Case Studies
- Colour systems
- Colour Effects
- Daylight
- Equipment/furnishing
- Light sources
- Measurement of light
- Light control

Learning Activities & Teaching Methods:

Lectures, studio presentations, studio tutorials, Practical Exercises and Assignments, projects

Assessment Methods:

Assignments, Diagrams, Models, Research, Presentations, sketchbook, Homework, Project, Mid-Term, Final Project.

Recommended Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
King, C.	Designing with light: the creative touch	Rizzoli, New York	1997	0866365826
Jankowski, W	Designing with light: residential interiors	Rotovision, New York	1991	
Karcher, Krautter, Kuntzsch, Schielke, Steinke, Takagi	Light Perspectives: between culture and technology	Erco	2010	9783981321616
Myerson, J	International lighting design	Laurence King, UK	1996	1856690865
Baker, Steemers	Daylight Design of Buildings	James & James (Science Publishing) Ltd	2007	1873936885