



## Course Syllabus

<b>Course Code</b>	<b>Course Title</b>	<b>ECTS Credits</b>
INT-212	Light and Colour	6
<b>Prerequisites</b>	<b>Department</b>	<b>Semester</b>
INT-211	Architecture	Spring
<b>Type of Course</b>	<b>Field</b>	<b>Language of Instruction</b>
Required	Interior Design	English
<b>Level of Course</b>	<b>Lecturer(s)</b>	<b>Year of Study</b>
1 <sup>st</sup> Cycle	Ero Farmaka Polina Papantoniou	2 <sup>nd</sup>
<b>Mode of Delivery</b>	<b>Work Placement</b>	<b>Corequisites</b>
Face-to-face	N/A	None

### Course Objectives:

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; connects or separates space, creates a focus, etc.
- Differentiate daylight from artificial light; learn to manipulate both depending on objectives and goals.
- Learn about light sources, measurement and control
- Introduce to Colour and Light Psychology: Introduce the psychological impact of light and colour
- Realize the importance of colour in almost all types of interior/art production skills
- Introduce colour's basic principles and elements
- Introduce the Theory of colour/ Colour Schemes/ Colour Wheel etc.
- Understand Colour Harmony and Illusion: Study colour systems and their relationship to materials, textures & patterns
- Experiment with different colour materials/textures, etc. and different ways of using them: Introduce methods of experimentation which can increase creativity
- Learn about the effect of colour and light on the interior environment
- Understand Color – Light relationship
- Present lighting and colour proposals through for various interior environments

**Learning Outcomes:**

After completion of the course students are expected to be able to:

1. Experiment with combinations of light/colour and textures
2. Comprehend the basic functions of lighting & colour as design elements
3. Understand and learn the Theory of Colour/Colour Terminology/Colour Schemes
4. Develop perception through colour
5. Demonstrate a clear understanding of how to observe space through colour and light
6. Explore how the light and colour of a space can control the atmospheric conditions and the use of space
7. Understand the psychology of each colour
8. Understand how Lighting affects colours
9. Explain the principles of natural and artificial light and its interaction with visual perception and aesthetics.
10. Identify characteristics of different light sources
11. Demonstrate understanding of how lighting is controlled and its effect on the interior environment
12. Present lighting and colour proposals through various interior environments:
13. Make a finished art work (develop an idea to a final project)

**Course Content:**

- 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 and Teaching Methods:**

- Lectures and presentations (video projections, printed images)
- Individual tutorials and guidance (One to one)
- Demonstrations on the use of materials, techniques and methods
- Practical exercises and projects
- Discussions and criticism
- Student homework and project presentations
- Tutorials on the conceptual and practical development skills
- Colour and light assignments

**Assessment Methods:**

Classroom participation is assessed, as well as projects, assignments, experimental and self-appraisal exercises, midterm and final exams.

**Recommended Textbooks / Readings:**

<b>Title</b>	<b>Author(s)</b>	<b>Publisher</b>	<b>Year</b>	<b>ISBN</b>
Designing with light: the creative touch	King, C.	Rizzoli, New York	1997	0866365826
Designing with light: residential interiors	Jankowski, W	Rotovision, New York	1991	
Light Perspectives: between culture and technology	Karcher, Krautter, Kuntzsch, Schielke, Steinke, Takagi	Erco	2010	9783981321616
International lighting design	Myerson, J	Laurence King, UK	1996	1856690865
Color Harmony Colour and Culture	Bride M. Whelan John Cage	Rockport Thames&Hudson	1997 2012	1-56496-066-8 978-0-500-27818-5
Daylight Design of Buildings	Baker, Steemers	James & James (Science Publishing) Ltd	2007	1873936885