

INT223 - LIGHTING DESIGN 2

Course Title	<b>LIGHTING DESIGN 2</b>				
Course Code	<b>INT223</b>				
Course Type	<b>Required</b>				
Level	<b>Bachelor</b>				
Year / Semester	2 <sup>nd</sup> Year / 4 <sup>th</sup> Semester				
Teacher's Name	Dr Anna Merry				
ECTS	5	Lectures / week	1	Laboratories / week	1
Course Purpose and Objectives	<p>The course aims to:</p> <ul style="list-style-type: none"> <li>• Classify different lighting fixtures and systems and their use in residential and commercial interior spaces</li> <li>• Identify the basic principles of lighting design including criteria, planning and layout through a series of illustrated lectures</li> <li>• Demonstrate the suitability of the various lighting fixtures and systems in residential and commercial interior spaces through a series of practical exercises</li> <li>• Experiment with the use of lighting fixtures and systems in interior spaces through a given project for electrical and lighting plan for a commercial interior space</li> <li>• Appraise the suitability of the various lighting fixtures and systems in interior spaces</li> <li>• Create work which is visually interesting and indicates that through the successful application of lighting, spaces become comfortable to use and to live in</li> </ul>				
Learning Outcomes	<p>Students should be able to:</p> <ul style="list-style-type: none"> <li>• Identify with advanced theory of lighting design</li> <li>• Research, understand and design lighting and electrical plans</li> <li>• Present and communicate final lighting solutions in 2D and 3D formats</li> </ul>				
Prerequisites	INT213	Required	Yes		
Course Content	Students will be taught the theory of lighting, its history and the function of different light sources and the use of various fittings in residential and commercial interior spaces, followed by a number of practical exercises. The course includes an introduction to the techniques and concepts in the lighting design of spaces and the				

	<p>appropriate fittings in the projects. Furthermore, the course introduces basic principles of lighting design including criteria, planning and layouts.</p> <p>Projects for electrical and lighting plan for commercial and residential spaces are assigned.</p> <p>Studio work is carried out involving the whole group and takes place within the whole spectrum of the duration of the course as this is allocated on the weekly schedule. Studio work also includes interim and final critiques.</p>								
Teaching Methodology	<ul style="list-style-type: none"> <li>• Extended project briefings</li> <li>• Visualising skills workshops</li> <li>• Demonstrations and discussions on critical parts of the subject</li> <li>• Exercises</li> <li>• Illustrated lectures</li> <li>• Group critiques</li> <li>• Student centred practical work</li> <li>• Personal research, realization and manipulation in project work</li> </ul>								
Bibliography	<ol style="list-style-type: none"> <li>1. Lighting for Interiors, Malcom Innes, Laurence King, (2012)</li> <li>2. Bright: Architectural Illumination and Light Installations, Lowther, C &amp; Schultz, C, Frame, (2008)</li> <li>3. Bright 2, Architectural Illumination and Light Installations, Carmel McNamara, Frame, (2015)</li> <li>4. Lighting by Design, Sally Storey, Pavilion Books (2005)</li> <li>5. Perfect Lighting: New Tools and Techniques for Every Room in the Home, Sally Storey, Pavilion Books (2008)</li> <li>6. 1000 Lights: 1960- Present v. 2: From 1960 to today, Charlotte Fiell and Peter Fiell, Tashen (2004)</li> </ol> <p>Visual contemporary references in the form of magazines are required: Domus, Wallpaper, Ottogono, Mark, Icon, Frame, Interni,</p> <p>References should also include websites with suggestions of:  <a href="http://www.worldarchitecturenews.com">www.worldarchitecturenews.com</a>  <a href="http://www.designboom.com">www.designboom.com</a>  <a href="http://www.arcspace.com">www.arcspace.com</a></p> <p>Visual contemporary references in the form of online magazines <a href="http://www.dezeen.com">www.dezeen.com</a>, <a href="http://www.yatzer.com">www.yatzer.com</a>, <a href="http://www.designer.com">www.designer.com</a>, <a href="http://www.mocoloco.com">www.mocoloco.com</a></p>								
Assessment	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">• Interim Critique</td> <td style="text-align: right;">33%</td> </tr> <tr> <td>• Final Critique</td> <td style="text-align: right;">33%</td> </tr> <tr> <td>• Final Assessment</td> <td style="text-align: right;">34%</td> </tr> <tr> <td>    Total:</td> <td style="text-align: right;">100%</td> </tr> </table> <p><u>Note:</u> The assessment criteria for Interim/Final Critiques and the Final Assessment are: Design Intelligence 40%, Research and Methodology 20%, Experimentation and Analysis 20%, Time management and Presentation 20%</p>	• Interim Critique	33%	• Final Critique	33%	• Final Assessment	34%	Total:	100%
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• Final Critique	33%								
• Final Assessment	34%								
Total:	100%								
Language	English								