

PART A: Student Workload Analysis

Programme of Studies:	<i>BA in Interior Design</i>		
Name of the Course:	<i>IND224 Lighting Design II</i>		
Target group and type:	<i>Interior Design students</i>		
Level of the unit:	<i>BA –4th Semester</i>		
Entrance requirements:	<i>IND214</i>		
Number of ECTS credits:	<i>5 (Average student working time: 125 hours)</i>		

Competences to be developed:		Program Competences
1	To classify the different lighting fixtures and systems and their use in residential and commercial interior spaces and to identify the basic principles of lighting design including criteria, planning and layout through a series of illustrated lectures	A3, C2
2	To demonstrate the suitability of the various lighting fixtures and systems in residential and commercial interior spaces through a series of practical exercises	B1
3	To 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	A9
4	To appraise the suitability of the various lighting fixtures and systems in interior spaces	A10
5	To create work which is visually interesting and indicates that through the successful application of lighting, spaces become comfortable to use and to live in	C1,C9

Estimated student's work time distribution in hours:			
Contact hours		Student's private time	
Lecture	13	Project work	22
Studio Work	13	Experimentation	22
Interim Critique	3	Research	15
Final Critique	3	Interim Critiques Preparation	6
Final Assessment	3	Final Critique Preparation	6
		Use of Resources	9
		Tutorial	10
Total:	35	Total:	90

Learning outcomes	Educational activities	Estimated student's work time in hours	Assessment
Students should be able to:			
Lecture: Families of lighting fittings. Visit to shop.	Lecture Attendance	2	Live Project Work
	Studio Work	-	
	Project work/Experimentation/ Research/Resources	2	
	Interim Critique Preparation	0	
	Final Critique Preparation	0	
	Tutorial	0	
Lecture: Symbols for electrical plans. Explanation. Examples of electrical plans. Exercises.	Lecture Attendance	1	
	Studio Work	1	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	0	
	Final Critique Preparation	0	
	Tutorial	1	
Lecture: Planning a lighting scheme. Outdoor and indoor entrances. Corridors. Staircases and landings. Exercises	Lecture Attendance	1	
	Studio Work	1	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	0	
	Final Critique Preparation	0	
	Tutorial	0	
Lecture: Lighting living rooms. Exercises.	Lecture Attendance	1	Live Project Work
	Studio Work	1	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	1	
Lecture: Lighting bedrooms. Lecture: Lighting bedrooms.	Lecture Attendance	1	Live Project Work Presentation (Interim Critique)
	Studio Work	1	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	1	
Lecture: Lighting bedrooms.	Lecture Attendance	1	
	Studio Work	1	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	1	

	Final Critique Preparation	0	
	Tutorial	1	
Lecture: Lighting bathrooms and workrooms. Exercises.	Lecture Attendance	1	Live Project Work
	Studio Work	1	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	1	
	Final Critique Preparation	-	
	Tutorial	1	
Lecture: Lighting commercial interiors. Examples. Discussion. Developing a lighting plan for a commercial space. Step 1: The concept.on problem solving.	Lecture Attendance	1	Live Project Work
	Studio Work	1	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	1	
Step 2: Means to achieve the concept. Choosing and combining lighting sources and lighting fittings.	Lecture Attendance	0	Live Project Work
	Studio Work	2	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	1	
Step 3: Applying lighting sources and lighting fittings. Developing an electrical plan.	Lecture Attendance	1	Live Project Work
	Studio Work	1	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	-	
	Final Critique Preparation	2	
	Tutorial	1	
Step 4: Presentation methods and 3-D drawings. Identifying the importance of a good presentation of an interior design project to the customer.	Lecture Attendance	1	Live Project Work
	Studio Work	1	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	-	
	Final Critique Preparation	2	
	Tutorial	1	
	Lecture Attendance	1	Live Project Work
	Studio Work	1	
	Project work/Experimentation/ Research/Resources	6	
	Interim Critique Preparation	-	
	Final Critique Preparation	2	

	Tutorial	1	
Final presentation of the project.	Lecture Attendance	1	Live Project Work
	Studio Work	1	
	Project work/Experimentation/Research/Resources	–	Presentation (Final Critique)
	Interim Critique Preparation	-	
	Final Critique Preparation	-	
	Tutorial	1	
Total:		116	

Assessment Contact Hours	Hours
Interim Critique	3
Final Critique	3
Final Assessment	3
Total:	9

PART B: Complementary Material

Course Content (Syllabus):

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 appropriate fittings in the projects. The course introduces basic principles of lighting design including criteria, planning and layouts.

A project for electrical and lighting plan for a commercial space will be assigned.

Teaching Methodology:

- Extended project briefings
- Visualising skills workshops
- exercises
- illustrated lectures
- group critiques
- Student centred practical work
- Personal research, realization and manipulation in project work

Language of Instruction:

English

Assessment Type		Weights
Interim Critique	Live Project Work	33%
Final Critique	Live Project Work	33%
Final Assessments	Live Project Work	34%
	TOTAL	100%

Note: 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%

Bibliography:

1. Lighting for Interiors, Malcom Innes, Laurence King, (2012)

References:

1. Bright: Architectural Illumination and Light Installations, Lowther, C & Schultz, C, Frame, (2008)
2. Bright 2, Architectural Illumination and Light Installations, Carmel McNamara, Frame, (2015)
3. Lighting by Design, Sally Storey, Pavilion Books (2005)
4. Perfect Lighting: New Tools and Techniques for Every Room in the Home, Sally Storey, Pavilion Books (2008)
5. 1000 Lights: 1960- Present v. 2: From 1960 to today, Charlotte Fiell and Peter Fiell, Tashen (2004)
6. Ultimate Lighting Design, Herve Descottes, TeNeues (2006)