

Expert for lighting design

Course schedule

Videos, lessons, exercises and downloads

Record your progress.

Introduction		Total	12 min.
<input type="radio"/> Introduction ILLIAS <i>Introduction to the user interface of the learning platform</i>	video		9 min.
<input type="radio"/> That's all you need <i>Things to know before you start with the first module</i>	video		3 min.
Module 1: Principles of lighting technology		Total	90 min.
<input type="radio"/> 1.1. Principles of light <i>Light is important to perceive your environment</i>	lesson		-
<input type="radio"/> 1.2. The perception of light <i>How does our eye perceive visual impressions</i>	lesson		-
<input type="radio"/> 1.3. Terms and quantities in lighting technology <i>Overview, what you should know</i>	lesson		-
<input type="radio"/> 1.4. Light distribution curve <i>Everything you need to know easily explained</i>	video		10 min.
Module 2: Working with architectural plans		Total	90 min.
<input type="radio"/> 2.1. Working with plans <i>Do you know how to read and clean architectural plans?</i>	video		11 min.
<input type="radio"/> 2.2. Plans: Optician <i>Download the plans from the video 2.1. (.zip)</i>	download		-
<input type="radio"/> 2.3. Projects for exercise <i>Download projects for practicing and do the exercise 2.4. (.zip)</i>	download		-
<input type="radio"/> 2.4. Voluntary exercise: Clean up a plan <i>Use the opportunity to consolidate your new knowledge</i>	exercise		-
Module 3: Analysis of the project		Total	105 min.
<input type="radio"/> 3.1. Workflow of lighting design <i>We show you important aspects of the lighting planning process</i>	video		12 min.
<input type="radio"/> 3.2. Light planning procedure overview <i>Download the overview in relation to 3.1. (.pdf)</i>	download		-
<input type="radio"/> 3.3. Analysis of the project <i>Learn how to structure the project and work out important aspects</i>	video		8 min.
<input type="radio"/> 3.4. Analysis from video: Optician <i>Download the project analysis from the video 3.3. (.png)</i>	download		-
<input type="radio"/> 3.5. Voluntary exercise: Project analysis <i>Work out important aspects for integration into your lighting concept</i>	exercise		-

Module 4: Lighting concept			Total	120 min.
<input type="radio"/>	4.1. Language of light <i>Connections between day- and artificial light, variety of terms</i>	lesson	-	
<input type="radio"/>	4.2. Suggested solution <i>Download the solutions to Lesson 4.1. (.pdf)</i>	download	-	
<input type="radio"/>	4.3. Terms language of light <i>Download our collection of lighting terms (.pdf)</i>	download	-	
<input type="radio"/>	4.4. Lighting concept <i>How you can develop and justify a lighting concept more easily</i>	video	6 min.	
<input type="radio"/>	4.5. Lighting concept from video: Optician <i>Download the lighting concept from the video 4.4. (.png)</i>	download	-	
<input type="radio"/>	4.6. Voluntary exercise: Lighting concept <i>Develop your own individual lighting concept</i>	exercise	-	
Module 5: Lighting design – Lighting strategies			Total	420 min.
<input type="radio"/>	5.0. Lighting design <i>Daylight as inspiration, overview of lighting strategies</i>	lesson	-	
	5.1. Direct laminar lighting		Total	135 min.
<input type="radio"/>	5.1.1. Direct laminar lighting <i>This strategy is often used for the uniform illumination of rooms</i>	lesson	-	
<input type="radio"/>	5.1.2. Direct laminar lighting <i>Take a closer look at this lighting strategy</i>	video	8 min.	
<input type="radio"/>	5.1.3. Use case: Direct laminar lighting <i>Look at the application in the project</i>	video	9 min.	
<input type="radio"/>	5.1.4. Plan use case: Direct laminar lighting <i>Download the calculation plan from the video 5.1.3. (.pdf)</i>	download	-	
<input type="radio"/>	5.1.5. Voluntary exercise: Direct laminar lighting <i>Practice the application of these lighting strategy</i>	exercise	-	
	5.2. Direct accent lighting processing time approx.		Total	150 min.
<input type="radio"/>	5.2.1. Accent lighting <i>To highlight spaces or objects accent lighting is recommended</i>	lesson	-	
<input type="radio"/>	5.2.2. Accent lighting <i>Take a closer Look at this lighting strategy</i>	video	4 min.	
<input type="radio"/>	5.2.3. Use case: Horizontal accents <i>Look at the application in the project</i>	video	8 min.	
<input type="radio"/>	5.2.4. Plan use case: Horizontal accents <i>Download the calculation plan from the video 5.2.3. (.pdf)</i>	download	-	
<input type="radio"/>	5.2.5. Use case: Vertical accents <i>Look at the application in the project</i>	video	5 min.	
<input type="radio"/>	5.2.6 Plan use case: Vertical accents <i>Download the calculation plan from the video 5.2.5. (.pdf)</i>	download	-	
<input type="radio"/>	5.2.7. Voluntary exercise: Accent lighting <i>Practice the application of these lighting strategy</i>	exercise	-	

	5.3. Indirect lighting processing time approx.		Total	30 min.
<input type="radio"/>	5.3.1. Indirect lighting <i>Uniform and shadow-free light</i>	lesson		-
<input type="radio"/>	5.3.2. Indirect lighting <i>Take a close look at this lighting strategy</i>	video		4 min.
	5.4. Wall lighting processing time approx.		Total	105 min.
<input type="radio"/>	5.4.1. Wall lighting <i>Lighten vertical surfaces for an attractive atmosphere</i>	lesson		-
<input type="radio"/>	5.4.2. Wall lighting <i>Take a closer look at this lighting strategy</i>	video		4 min.
<input type="radio"/>	5.4.3. Use case: Wall lighting <i>Look at the application in the project</i>	video		5 min.
<input type="radio"/>	5.4.4. Plan Use case: Wall lighting <i>Download the calculation plan from the video 5.4.3. (.pdf)</i>	download		-
<input type="radio"/>	5.4.5. Voluntary Exercise: Wall lighting <i>Practice the application of these lighting strategy</i>	excercise		
	Module 6: Overall planning		Total	90 min.
<input type="radio"/>	6.1. Overall planning <i>Take a look at the development of the lighting plan</i>	video		3 min.
<input type="radio"/>	6.2. Lighting plan from video: Optician <i>Download the lighting plan from the video 6.1. (.pdf)</i>	download		-
<input type="radio"/>	6.3. Voluntary exercise: Overall planning <i>Make an overall planning and finally create a lighting plan</i>	exercise		-
	DIALux evo		Total	2 min.
<input type="radio"/>	Impressions of DIALux <i>Have a look at the lighting concept of the optician directly in 3D</i>			