

Expert for Lighting Design

This course schedule gives you an overview of the content.

<p>Introduction + Course Schedule Get an Overview and download the Course Schedule.</p>	<p>Processing Time approx. 15 min. <input type="checkbox"/> Check</p>
<p>Introduction ILIAS (Video 9 min) Introduction to the User interface of the Learning Platform.</p> <p>Video That's all you need (Video 3 min.) Things to know before you start with the first Module.</p> <p>Course Schedule (PDF) For download.</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p>
<p>1. Module: Principles of Lighting Technology Introduction to the Subject of Light. Processing Time approx. 90 min.</p>	
<p>1.1 Principles of Light (Lesson) Light is important to perceive your Environment.</p> <p>1.2 The Perception of Light (Lesson) How does our Eye perceive visual Impressions.</p> <p>1.3 Terms and Quantities in Lighting Technology (Lesson) Short Overview. You should know that.</p> <p>1.4 Light Distribution Curve (Video 10 min.) Everything you need to know easily explained.</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>
<p>2. Module: Working with Architectural Plans Learn to read and understand plans. Processing Time approx. 90 min.</p>	
<p>2.1 Working with Plans (Video 11. min.) Do you know how to read and clean architectural Plans?</p> <p>2.2 Plans from Video - Optician (ZIP-PDF) Here are the Plans from the Video 2.1 for download.</p> <p>2.3 Projects for Exercise (ZIP-PDF) Do you want to practice? Choose one of the Projects presented here and then do the Exercise under 2.4</p> <p>2.4 Voluntary Exercise "Clean up a Plan" (practical, independent work) Use the Opportunity to consolidate your new Knowledge.</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>
<p>3. Module: Analysis of the Project The detailed Analysis is very important for the Lighting Concept. Processing Time approx. 105 min.</p>	
<p>3.1 Workflow of Lighting Design (Video 12 min.) We show you important Aspects of the Lighting Planning Process.</p> <p>3.2 Light Planning Procedure - Overview (PDF) In Relation to 3.1 this Overview is available for download.</p> <p>3.3 Analysis of the Project (Video 8 min.) Learn how to structure the Project and work out important Aspects.</p> <p>3.4 Analysis from Video - Optician (PNG) Here is the Project Analysis from the Video 3.3 for download.</p> <p>3.5 Voluntary Exercise "Project Analysis" (practical, independent work) Work out important Aspects for Integration into your Lighting Concept.</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>

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<p>4. Module: Lighting Concept Learn how to work out your Lighting Concept.</p>	<p>Processing Time approx. 120 min.</p>
<p>4.1 Language of Light (Lesson) You will learn the Connections between Daylight and artificial Light and the Variety of Terms.</p>	
<p>4.2 Suggested Solution - Language of Light (PDF) This is a Solution to the Lesson 4.1 for download.</p>	
<p>4.3 Terms Language of Light (PDF) Our Collection of Lighting Terms for you to download.</p>	
<p>4.4 Lighting Concept (Video 6 min.) How you can develop and justify a Lighting Concept more easily.</p>	
<p>4.5 Lighting Concept from Video - Optician (PNG) Here is the Lighting Concept from the Video 4.4 for download.</p>	
<p>4.6 Voluntary Exercise "Lighting Concept" (practical, independent work) Develop your own individual Lighting Concept.</p>	
<p>5. Module: Lighting Design - Lighting Strategies Learn and see more about this Lighting Strategies.</p>	<p>Processing Time approx. 135 min.</p>
<p>5.0 Lighting Design (Lesson) Daylight as Inspiration for Lighting Design. Overview of Lighting Strategies.</p>	
<p>5.1 Direct Laminar Lighting</p>	
<p>5.1.1 Direct Laminar Lighting (Lesson) This Strategy is often used for the uniform Illumination of Rooms.</p>	
<p>5.1.2 Direct Laminar Lighting (Video 8 min.) Take a closer Look at this Lighting Strategy.</p>	
<p>5.1.3 Use case - Direct Laminar Lighting (Video 9 min.) Look at the Application in the Project.</p>	
<p>5.1.4 Plan Use case - Direct Laminar Lighting (PDF) Here is the Plan with calculation from the Video 5.1.3 for download.</p>	
<p>5.1.5 Voluntary Exercise "Direct Laminar Lighting" (practical, independent work) Practice the application of these lighting strategy.</p>	
<p>5.2 Direct Accent Lighting</p>	<p>Processing Time approx. 150 min.</p>
<p>5.2.1 Accent Lighting (Lesson) To highlight Spaces or Objects Accent Lighting is recommended.</p>	
<p>5.2.2 Accent Lighting (Video 4 min.) Take a closer Look at this Lighting Strategy.</p>	
<p>5.2.3 Use case - Horizontal Accents (Video 8 min.) Look at the Application in the Project.</p>	
<p>5.2.4 Plan Use case - Horizontal Accents (PDF) Here is the Plan with calculation from the Video 5.2.3 for download.</p>	
<p>5.2.5 Use case - Vertical Accents (Video 5 min.) Look at the Application in the Project.</p>	
<p>5.2.6 Plan Use case - Vertical Accents (PDF) Here is the Plan with calculation from the Video 5.2.5 for download.</p>	
<p>5.2.7 Voluntary Exercise "Accent Lighting" (practical, independent work) Practice the application of these lighting strategy.</p>	

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<p>5.3 Indirect Lighting</p> <p>5.3.1 Indirect Lighting (Lesson) Indirect Lighting produces very uniform and shadow-free Light. But diffuse Light also has a monotonous Effect.</p> <p>5.3.2 Indirect Lighting (Video 4 min.) Take a closer Look at this Lighting Strategy.</p> <p>5.4 Wall Lighting</p> <p>5.4.1 Wall Lighting (Lesson) Vertical Illumination creates an attractive Atmosphere by brightening the vertical Surfaces.</p> <p>5.4.2 Wall Lighting (Video 4 min.) Take a closer Look at this Lighting Strategy.</p> <p>5.4.3 Use case - Wall Lighting (Video 5 min.) Look at the Application in the Project.</p> <p>5.4.4 Plan Use case - Wall Lighting (PDF) Here is the Plan with calculation from the Video 5.4.3 for download.</p> <p>5.4.5 Voluntary Exercise "Wall Lighting" (practical, independent work) Practice the application of these lighting strategy.</p>	<p>Processing Time approx. 30 min.</p> <p>Processing Time approx. 105 min.</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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<p>6. Module: Overall Planning</p> <p>Combination of the individual Lighting Strategies in an Overall Plan.</p> <p>6.1 Overall Planning (Video 3 min.) Take a look at the Development of the Lighting Plan.</p> <p>6.2 Lighting Plan from Video - Optician (PDF) Here is the Lighting Plan from the Video 6.1 for download.</p> <p>6.3 Voluntary Exercise "Overall Planning" (practical, independent work) Make an Overall planning and finally create a Lighting Plan.</p>	<p>Processing Time approx. 90 min.</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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<p>DIALux Evo</p> <p>Impression of DIALux evo.</p>		
<p>DIALux evo (Video 1:30 min.)</p> <p>Have a look at the lighting concept of the "optician" directly in 3D.</p>		

<p>Feedback</p> <p>We appreciate your feedback. Thank you!</p>		
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