



## COURSE SYLLABUS

# Lighting for Expo and Events, 15 credits

*Ljus för expo och event, 15 högskolepoäng*

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<b>Course Code:</b> TLEN18	<b>Education Cycle:</b> First-cycle level
<b>Confirmed by:</b> Dean Jun 1, 2019	<b>Disciplinary domain:</b> Technology
<b>Valid From:</b> Aug 1, 2019	<b>Subject group:</b> TE9
<b>Version:</b> 1	<b>Specialised in:</b> G2F
	<b>Main field of study:</b> Product Development

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### Intended Learning Outcomes (ILO)

After completing the course, the student shall:

Knowledge and understanding

- demonstrate comprehension of luminaires used in expo and event
- display knowledge of lighting techniques used for expo and event
- display knowledge about how light enhances and clarifies the message
- display knowledge about planning methods based on visual evaluation
- display detailed knowledge about how to create esthetic and well-functioning lighting installations that meets the users needs
- demonstrate comprehension of techniques used to create interaction between people and light and spaces

Skills and abilities

- demonstrate the ability to plan lighting for visual communication
- demonstrate the ability to independently describe and analyze the light in a room to capture the essence of its message
- demonstrate the ability to independently describe and analyze light in a room
- demonstrate the ability to independently describe and analyze the lighting planning in a room

Judgement and approach

- demonstrate the ability to suggest how a lighting installation should be designed and used to strengthen messages
- demonstrate the refined ability to communicate and sell a lighting concept

### Contents

The course explores the usage and the purpose of lighting within the setting of expo and event. By visual evaluation lighting installations are planned to communicate a message for promotional or entertainment purposes.

This course includes the following elements:

- Luminaire technology
- Lighting control systems
- Visual communication with lighting
- Interaction between man, light and environment
- Lighting and user experience
- The lighting planning process and planning methods
- Further development of an original light installation
- Lighting tests and mock-up prototypes
- Visual evaluation

### **Type of instruction**

Lectures, seminars and workshops.

The teaching is conducted in English.

### **Prerequisites**

General entry requirements and completed courses 60 credits in first cycle, including Basics in Light Source and Luminaire Proficiency 6 credits and Create with Light 12 credits as well as project experience (or the equivalent).

### **Examination and grades**

The course is graded Fail (U) or Pass (G).

The final grade will only be issued after satisfactory completion of all assessments.

Registration of examination:

Name of the Test	Value	Grading
Project work	9 credits	U/G
Exercises	6 credits	U/G

### **Course literature**

The literature list for the course will be provided latest one month before the course starts.