

List of topics for exam seminars

At course: Electrical Installations and Lighting

Study year 2017/18

1. **Electrical equipment and installations in hazardous areas –**
presentation: 07.05.2018
Area classification of hazardous areas
Design philosophy for equipment and installations
Different protection concepts
Safe working practice
2. **Electrical product safety**
presentation: 07.05.2018
CE marking and regulations
Testing and evaluations
Designing for safety
Production control
3. **Electrical hazards and accidents –**
presentation: 07.05.2018
Electrical accidents
Stimulation of excitable tissue and sensory stimulators
Response to electrical current passing through the body
Lighting injuries
4. **Lighting design with LEDs -**
presentation: 07.05.2018
Characteristics of LEDs
Thermal performance and management of LEDs
Drive circuitry for LEDs
Examples of design

Literature (Book) for each of the listed topics is available, just come to my office and ask me.

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