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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