

### 1. *Description*

**LEC 1:** The experience I've had is that of a guest lecture via Zoom with approximately 30 other students. The guest presented a lecture about what must be considered when working with safety in nuclear power plant systems. The guest was an expert in the field and provided us with real-life insight into working with safety-critical systems. **LEC 2:** The guest lecturer presented relevant information regarding standards such as ISO:26262 and SOTIF for modern vehicles. The presenter was very experienced in the topic which gave us better understanding about the area of interest. The setting was a zoom meeting with roughly 30 students.

### 2. *Feelings*

**LEC 1:** Before the lecture I was feeling indifferent with no real expectations. During the lecture, at times, I found the content challenging to grasp and difficult to ask relevant questions which made me a bit frustrated. I felt regret after the lecture for not asking for clarifications. **LEC 2:** I was feeling indifferent before the lecture but during the lecture, it was getting more and more interesting which made me excited and eager to learn more about the topic. Afterwards I felt happy and satisfied for having learnt something useful.

### 3. *Evaluation*

**LEC 1:** I think the guest speaker provided some interesting information regarding the ways of working with safety questions, the lecture contained a lot of information that is relevant to the field of study which we are currently in. However, I think that the lecturer sometimes failed to present some concepts at a level which is easy for non-experienced students to understand. The slides in the lecture were also overwhelming with text and the lecturer sometimes forgot to explain certain acronyms and concepts. **LEC 2:** Overall I think the lecture was professionally delivered and the lecturer succeeded in keeping the audience engaged. The PowerPoint were well structured and informative. If there is one thing to point out, a short break in the middle of the lecture would have been nice.

### 4. *Analysis*

**LEC 1:** The provision of relevant information on safety in nuclear power plant systems is valuable to broaden the knowledge in the field of safety-critical systems. However, relating to what I mentioned in the evaluation, I think that the lecturer might not have thought about at what level of expertise the attending students would be or that the guest lecturer overestimated our knowledge in the field. I also think that less cluttered slides would have made the information more comprehensible. **LEC 2:** I think the lecture went well because of a few different reasons: the slides were not cluttered with unnecessary information but instead designed in a minimalistic way, the communication was clear and kept at a level suitable for students and that kept me engaged the entire lecture, even though there were no break.

### 5. *Conclusion*

**LEC 1:** In summary, the lecture provided valuable insights into safety-critical systems giving us a better understanding of the field. While the content was relevant and delivered by an expert, the experience highlighted the importance of providing the information at a level suitable to the audience. For myself as an individual, this experience was a reminder to try to actively engage with material that may initially seem challenging and to seek clarification when needed. In the future, I aim to refine my own communication skills and approach to learning ensuring a higher learning outcome. **LEC 2:** Conclusively, the lecture was well structured and presented in a good way. It was easy to understand the concepts thanks to the well-designed presentation, that makes it easier to reason about the information and further learn about how to apply the knowledge when working with the standards.

### 6. *Action plan*

**LEC 1:** For future situations similar to this one, I would be more prepared by doing research about the area before the lecture to be more involved in the area, enhance my notetaking during the lecture and seek clarification from the lecturer if there are any uncertainties. I need to improve at asking questions to the lecturer, this will probably only be possible by real-life experience, meaning I have to ask more questions during normal lectures or other similar situations. **LEC 2:** To improve for future lectures like this I could take responsibility to ask for a break if I feel that it is necessary to remain focused. I could also, as mentioned about LEC 1, do more research to be able to discuss topics further during the lecture, making the session more engaging and interactive. This could lead to further gain in knowledge and experience of the topic.