

# Sensorveiledning/Assessor Guidance TEK5530

TEK5530 has an oral examination, concluding the previous work.

- a) Paper presentation, where the candidate selected, analysed and evaluated a scientific paper, and presented the results.  
Read more at [https://its-wiki.no/wiki/TEK5530/List\\_of\\_papers\\_-\\_2019](https://its-wiki.no/wiki/TEK5530/List_of_papers_-_2019) for List of papers
- b) Group work, where the candidates selected a topic, analysed, evaluated and presented the topic. Read more about the group work on [https://its-wiki.no/wiki/TEK5530/Report\\_ideas\\_-\\_2019](https://its-wiki.no/wiki/TEK5530/Report_ideas_-_2019) for topics and evaluation criteria
- c) Final oral exam, described in this document

The oral exam consists of three parts.

## Part 1: Oral presentation of the group work

The students worked on a project, evaluated earlier. This group work builds the basis of part 1 of the oral exam. The student will explain the group work, and indicate her/his contribution.

Goal of the presentation is to explain how of the approach to answer the assignment, the assumptions made and the results being obtained.

The duration of this part is strictly 7 min.

## Part 2: Questions to the group work

In the second part, dedicated questions will be asked related to the group work. Here the goal is to see to what extent the student has the fundamental knowledge being the basis for answering the assignment. Furthermore, the questions will put the assignment into context, e.g. asking for «what would have changed if ...».

This part is handled as a dialogue, and will last for up to 7 min.

## Part 3: Overall questions

During the course, a set of questions have been established, addressing the topics of the specific lecture. The questions are published on the Wiki <https://its-wiki.no/wiki/TEK5530>. The student will select randomly a set of questions, one set at a time.

Giving some time to think about the questions, the student will then provide answers to this specific set of questions.

Typically 3-5 sets of questions will be selected, in order to check the broader understanding of the topics of the various lectures.

This final part lasts typically for 10-12 min.

## Final Grade

The final grade is established based on the contributions from all three parts.

- Paper presentation (40%)
- Final oral exam (60%)

The full character scale (A-F) is applied.