



MWL

The Marcus Wallenberg Laboratory
for Sound and Vibration Research

COURSE EVALUATION AND ANALYSIS – INTRODUCTION TO NOISE CONTROL 2024

Code: SD2110

Credits: 3

Lecturer and examiner: Leif Kari 070-798 7974 leifkari@kth.se

Prerequisites: Undergraduate courses in mechanics and mathematics.

Grading scale:

P, F

Examination:

TEN1 - Examination, 3.0 credits, Grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Other requirements for final grade:

Oral examination (TEN1; 3 university credits).

Number of students:

About 20 per academic year.

Grade of achievement:

100%

Grade of examination:

100%; P.

Form of course evaluation and analysis:

The course evaluation and analysis are performed during the oral examination with the students present (normally only one at time) and the responsible teacher.

Date of course evaluation and analysis:

All around the academic year during the oral examination with the students present (normally only one at each time).

Results of course evaluation and analysis:

- The previous studies for the students are sufficient to follow this course.
- The mandatory chapters of the text book (Chapters 1 and 4) are easy to read by self-studies.
- Chapter 4 is more theoretical than chapter 1.
- The non-mandatory chapters of the text book (Introduction and Chapter 2) are easy to read by self-studies.
- The oral examination form is appreciated by the students (Instead of written examination). The main reason for that is the possibilities for the students to ask questions.
- The possibilities to ask questions is increased even more by intentionally asking little bit more difficult questions. It resulted in a more dialogue and discussions which were appreciated by the students.
- The text book and the oral examination help the students to meet the learning objectives.
- The last part of the non-mandatory Chapter 2 is in Swedish. That part should be translated into English.

Modification of the course due to evaluation and analysis from 2023:

- Most of the course form were kept (self-studies, oral examination, possibilities to ask questions during the oral examination, summative evaluation during the oral examination etc).
- The possibilities to ask questions is increased even more by intentionally asking little bit more difficult questions. It resulted in a more dialogue and discussions which were appreciated by the students.

General recommendations for the next time the course is given (2025):

- Keep most of the form of the course (self-studies, oral examination, possibilities to ask questions during the oral examination, summative evaluation during the oral examination etc).
- The last part of the non-mandatory Chapter 2 is in Swedish. That part should be translated into English. [Still to do]