

TMA4130/35 MATHEMATICS 4N/4D

Mid-Course Check-In Survey (Week 4) -
Results

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Thank you for your participation in the survey! All your comments have been read and taken into account.

The results are available here: https://wiki.math.ntnu.no/_media/tma4130/2025h/report-543481-2.pdf

Note that the anonymous survey is much more representative than a reference group, as the results give a broader picture!

Lectures vs. Exercises

Course Description from [https:](https://www.ntnu.edu/studies/courses/TMA4130/#tab=omEmnet)

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and [https:](https://www.ntnu.edu/studies/courses/TMA4135#tab=omEmnet)

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“Learning methods and activities: Lectures and compulsory exercises. The lectures may be given in English.”

Lectures provide the theoretical foundation. Exercises help apply theory and prepare for the exam.

Copying methods without understanding does not lead to deep learning. Goal: Build your own problem-solving skills!

Course Resources

Course wiki:

<https://wiki.math.ntnu.no/tma4130/2025h/start>

Weekly overview of planned topics is available under “Lectures”. Some lectures will be accompanied by additional material like lecture notes, Jupyter files etc.

Staffing and Exercise Sessions

- ▶ Fewer student assistants and no plenary lectures this semester due to staffing constraints.
- ▶ We are monitoring attendance and will try to reassign TAs from less attended slots to those with higher demand.

Understanding the Exercises

All exercises are relevant for the exam, but serve different purposes:

- ▶ **Core exercises (mandatory):** Meant to apply your knowledge gained from the lectures. Some resemble typical exam problems.
- ▶ **Extension exercises (optional):** Offer deeper insight and challenge.
- ▶ **Proof/theory exercises:** Help understand mathematical structure.
- ▶ **Python coding:** Small programming tasks may appear on the exam.

Why this structure?

- ▶ Core exercises build confidence and exam readiness.
- ▶ Extension exercises support deeper learning.
- ▶ You don't need to master everything perfectly to pass — but all topics covered are part of the syllabus.
- ▶ However, we will ensure that exercises have the appropriate length, and if necessary, move some mandatory problems to the optional ones (so that you still have them for exam preparation, but do not need to solve them in the current week).

Thanks again for participating at the survey!