



CHALMERS

Course board meeting: Minutes

<i>Course name:</i>	Nonlinear optimization	<i>Academic year:</i>	2024-2025
<i>Course code:</i>	TMA947	<i>Programme owning the course:</i>	Engineering mathematics and computational science, MSc programme (MPENM)
<i>Study period (start):</i>	SP1	<i>Department instructing the course:</i>	Mathematical Sciences
<i>Study period (end):</i>	SP1	<i>Date:</i>	2024-12-02

Meeting participants: Axel Ringh (examiner), Joakim Norbeck (TKTEM-director of studies), Patrik Franzén Dennis (TKTEM-student), Rebecka Lennartsson Wulf (MPENM-student), Kristoffer Reimertz (MPDSC-student), Daniel Larsson (MPDSC-student). No GU-student was present at the meeting.

Keeper of the minutes: Joakim Norbeck (director of studies)

A joint meeting has been held for the following courses: MMG621 (GU)

Summary

213 respondents, of which 64 answered the survey.

The overall impression was very good (mean grade 4.20). Results on examination were similar from last year.

Flipped classroom introduced on two lectures.

Prerequisites and learning outcomes

Most students felt they had sufficient prior knowledge. Heterogeneity in student background knowledge. Recap material on canvas.

Learning outcomes were perceived as clearly described.

Learning, examination, and course administration

All aspects of the learning, including the examination and course administration receives high grades (4 or above).

The book is good once the topic understanding is in place. Skip recommended exercises from the book, replace by example exam questions. While a majority seemed neutral or positive, there was some variation in opinion about the computer exercises and the use of flipped classroom.

More supervised study time (1-2 extra hours) and more extensive solutions to old exam questions, linked to lectures.

The final exam is 5 hours, examiner considers to make this a 4 hr exam.

Work climate

The workload was considered on the high side by many students (grade 3.61). Probably due to student background and the parallel course.

No issues concerning equality, diversity and inclusion (grade 4.7-4.8).

The student-teacher interaction was very good. Student group work has with very few exceptions also worked very well.

To keep for next course round

"Everything"

Suggested changes

(some minor suggestions above, under "learning..")

External collaboration

no

Other matters

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