

Kursrapport MM1005 HT23 period AB

Antal respondenter: 1
Antal svar: 1
Svarsfrekvens: 100,00 %

. Beskrivning av kursupplägget.

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The course covers elementary functions, derivatives, max and min problems, Taylor's formula and Taylor series, integrals, functions of several variables, partial derivatives, optimization problems with and without constraints, matrices and determinants.

. Kursens fördelar, beakta studenternas uppfattning i kursutvärderingar.

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The students have the opportunity of reviewing material that they may have previously seen, as well as learning a new one, specially in relation to optimisation problems.

The students attitude towards the subject is very positive. The course is not an easy one for them, but they strive to learn and approach the topic with determination. During the period, once could see them working in the campus premises, right after the lectures and tutorials, in small groups. They worked very hard.

In general, it seems that we manage to generate a good rapport between the teaching team and the students, which creates a profitable in-classroom learning environment. They felt easy in interacting and asking questions during lectures and tutorials.

We managed to have a high passing grade in the first exam, with high average grades. The exam was on the line of previous years.

The material we have been created (Slides and previous years videos (they were produced during the pandemic)) are appreciated by the students.

. Kursens nackdelar, beakta studenternas uppfattning i kursutvärderingar.

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There is a number of students that arrive to the course with very low level in elementary mathematics. Specially for those, the high tempo is a bit too high. Those would probably benefit of a preparatory course, where they can gain some elementary algebraic manipulations.

The examination room was not optimal for holding an exam. This has been raised to the student office, but since the system is centrally administered, it seems of difficult solution.

Despite the good results of the first exam, the re-sit exam was a complete catastrophe. One can see though that there is a relatively small fraction of those students starting the programme that really struggle with the material.

. Slutsatser samt förslag till förbättringar.

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I think that, jointly with the teacher(s) of the MM3001, It would be good to have the time to create a bank of online questions that the students could test their knowledge.

Some students would profit of having a pre-university preparatory course in English, adapted to review and complement there Matematik 3.

Maybe, if time would be granted, producing a series of video microlectures could also be potentially good.
