

Kursrapport MM5021 Mathematics III - Foundations of Analysis ST26

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

. Beskrivning av kursupplägget.

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The course was a distance learning course. Each week, students were given chapters of Rudin's book Foundations of Analysis to read. They were also given some recommended exercises from the book to complete. These were accompanied by weekly lectures and exercise classes. Both were held online via Zoom. The lecture provided an overview of the material covered in the chapters, while the exercise class discussed some of the recommended exercises. Finally, there were three exercise sheets that the students could complete and submit for correction.

. Kursens fördelar, beakta studenternas uppfattning i kursutvärderingar.

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The students seemed to like the homework a lot. They appreciated the fact that it wasn't mandatory, but that one exam question would be based on it. They also appreciated the freedom to learn at their own pace. They also seemed to appreciate the content of the course.

. Kursens nackdelar, beakta studenternas uppfattning i kursutvärderingar.

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There was a general lack of examples, and the lectures were held on Zoom. There is also a lack of time towards the end of the lecture.

. Slutsatser samt förslag till förbättringar.

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Overall, the students seem satisfied with the course, but not particularly enthusiastic. With hindsight, I would focus more on providing examples during the lectures than on discussing proofs. Although the students performed well, I personally think that there is too much content to cover in eight weeks. This is especially true since this is the first lecture where they actually do proper proofs. This puts the lecturer in a difficult position, as they have to decide whether to explain how proofs work to the students or discuss examples. It is not possible to do both due to time constraints, but a combination of the two is essential for a good understanding.
