

Kursrapport MM5024 VT23

Antal respondenter: 2
Antal svar: 1
Svarsfrekvens: 50,00 %

. Beskrivning av kursupplägget.

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The course MM5024 is about soundness and completeness for natural deduction. It starts with a review of induction, applied to inductively defined sets. Then semantic and syntax of propositional logic are overviewed, focusing on the Natural deduction method to derive statements. Then soundness and completeness are proven for natural deduction in this context. In the second part of the course the same topics are covered but concerning propositional logic.

. Kursens fördelar, beakta studenternas uppfattning i kursutvärderingar.

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The literature is easy to follow and the subject gets exciting once one gets the hang of it.

. Kursens nackdelar, beakta studenternas uppfattning i kursutvärderingar.

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The content is really abstract. No application to computer science are given. Plus the topics covered are classical, with not so much ties with the research currently going on in logic. I think one has to learn to appreciate the material, and it will come together after one has passed the class and reflected on it. It needs churning. This course is really verbose, it is impossible to write everything on the board, but I am sure I always wrote all the steps of derivations and semantic calculus, giving verbally explanation of why a step was done in this way.

. Slutsatser samt förslag till förbättringar.

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I think that adding a question about attendancy in the exam can be useful. I do not understand the complain about the exams: the exam is very similar to other in the past years, and I solved many similar problems during the lectures. In addition I gave 9 As- clearly given to students who attended the lectures. Those who failed had little more knowledge of logic than the one that is covered in the Matte I exam, meaning that they did not have a real idea of the content of the course. Anyway, there are 7 students who replied and I grade 35 exams... We should find a way to get a higher response rate for this to be of significance.
