

PUBLISHED COURSE ANALYSIS



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A course analysis has been carried out and published by the course convener.

The Karlstad University evaluation tool is owned by the Professional Development Unit and is managed by the systems group for educational administration.

Fourier Analysis, 7.5 ETCS cr. (magc01)

Course convener: Adrian Muntean

Basic LADOK data

Course Code: magc01

Application Code: 33015

Semester: VT-20

Start Week: 202004

End Week: 202013

Pace of Study: 50%

Form of Study: Campus

Course Data

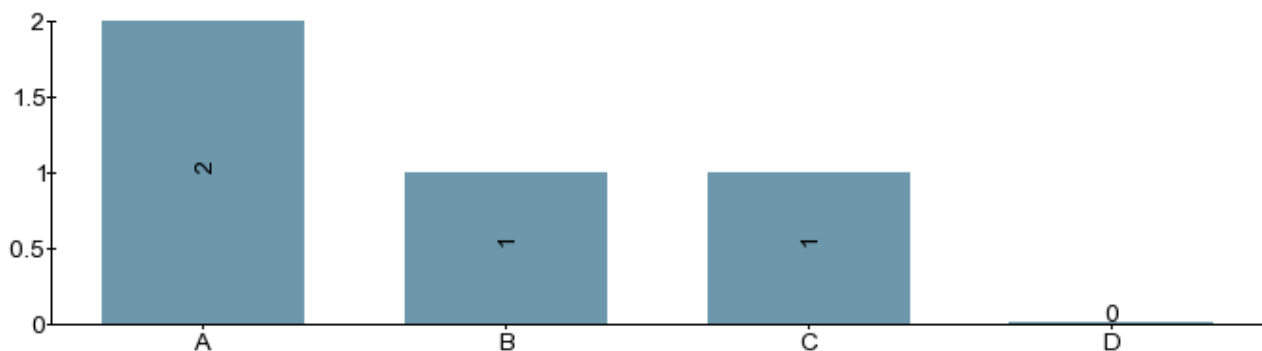
Number of questionnaires answered: 4

Number of first registrations^[1]: 9

Changes suggested in the course analysis of the previous course date:

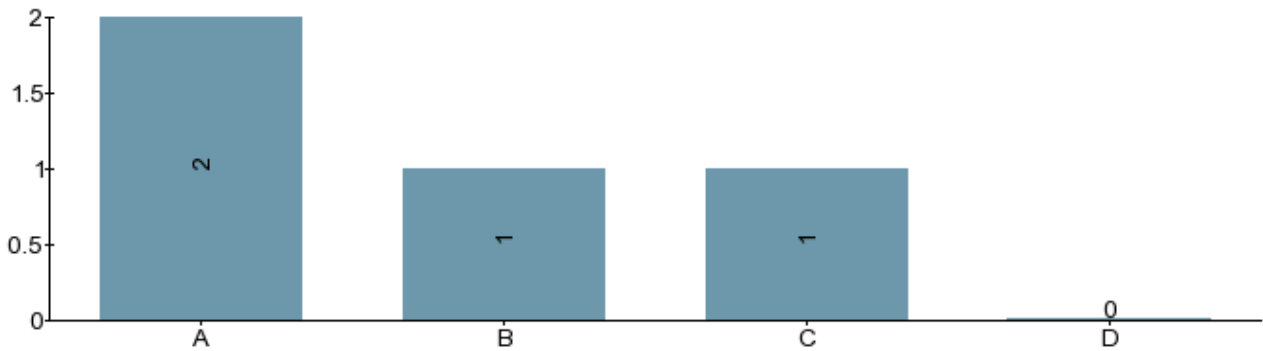
Not applicable.

1. The contents and structure of the course has supported the achievement of the learning outcomes



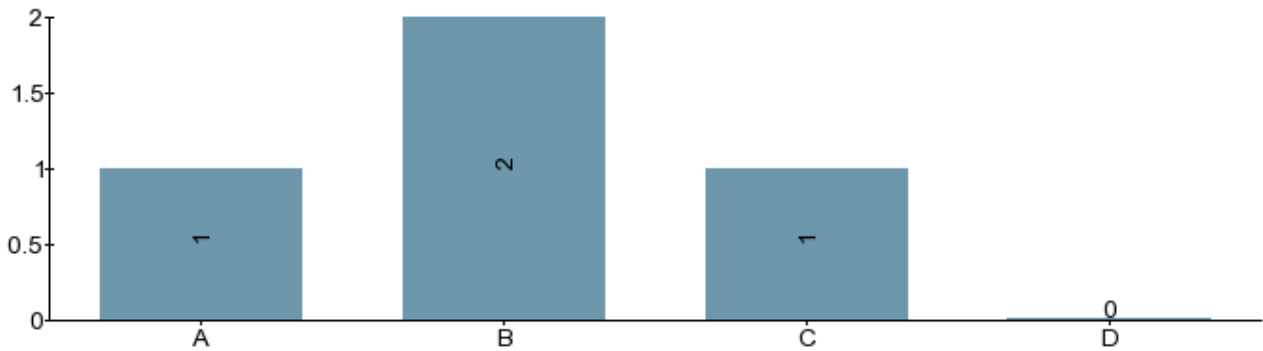
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

2. The assessments included in the course have given me the opportunity to demonstrate my achievement of the learning outcomes



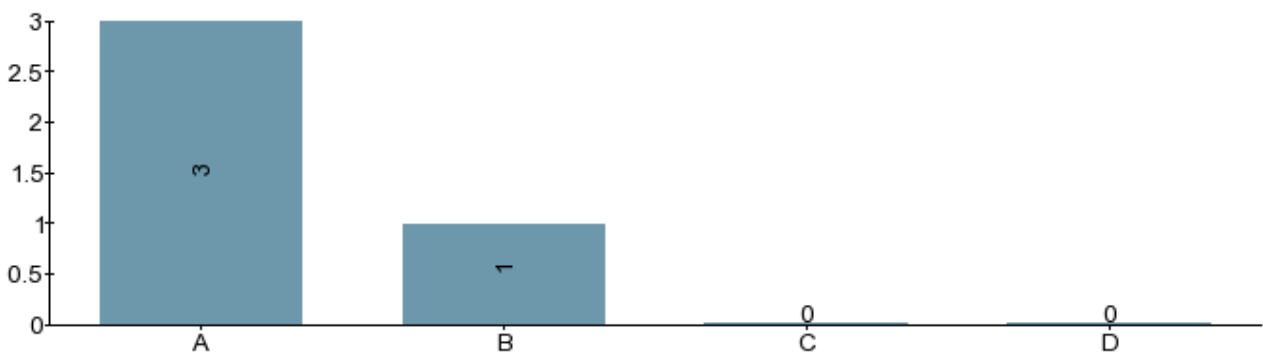
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

3. My workload (including scheduled activities and independent work) during the course has been



- A) 40 hours per week or more (or 20 per week or more for courses given as half-time studies, 10 hours or more for courses given as part-time studies)
- B) Between 30 and 39 hours per week (or between 15 and 19 hours for courses given as half-time studies, or between 10 and 14 hours for courses given as part-time studies)
- C) Between 20 and 29 hours per week (or between 10 and 14 hours for courses given as half-time studies, or between 5 and 9 hours for courses given as part-time studies)
- D) Less than 20 hours per week (or less than 10 hours per week for courses given as half-time studies, or less than 5 hours per week for courses given as part-time studies)

4. During the course, I have experienced the reception from teachers and other staff as professional



- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

should also be analysed here. Any effect of joint courses should be commented on.

Fourier Analysis is a BSc level topic that can be listed as an extension of fundamental (real) analysis. It is a more advanced topic in the sense that it asks the students have to think more by themselves so that they can produce correct, defensible, mathematical arguments. Hence, some level of mathematical maturity needs to be acquired during the course. This can only be achieved by following closely the lectures, by getting done on time the little projects, by reading independently from the book (preferably in advance), and especially, by solving the homework exercises on time.

Suggestions for changes to the next course date.

This time the examination was in the form of a take-home exam. Supporting materials were openly available for the students during the exam moment. Next time, a similar form of examination will be used in the sense that the students will not be asked to repeat proofs of theorems but rather to apply such abstract results in exercises (very much similar to the ones given as homework).

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1. **Number of first registrations for a course:** First registration = the first time a student registers for a specific course.