

PUBLISHED COURSE ANALYSIS



Publishing date: 2021-04-12

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.

Introduction to Partial Differential Equations, 7.5 ETCS cr. (MAGC08)
Course convener: Adrian Muntean

Basic LADOK data

Course Code: MAGC08
Application Code: 35226
Semester: VT-21
Start Week: 202103
End Week: 202112
Pace of Study: 50%
Form of Study: Campus

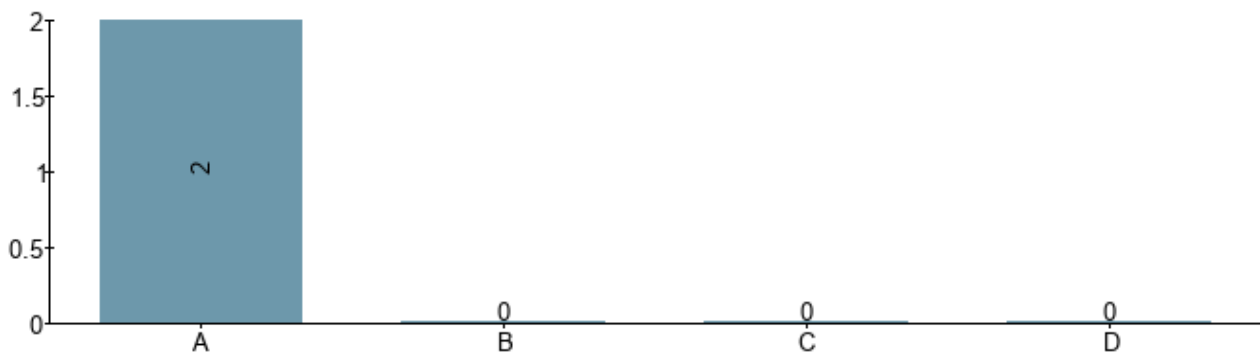
Course Data

Number of questionnaires answered: 2
Number of first registrations^[1]: 8

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

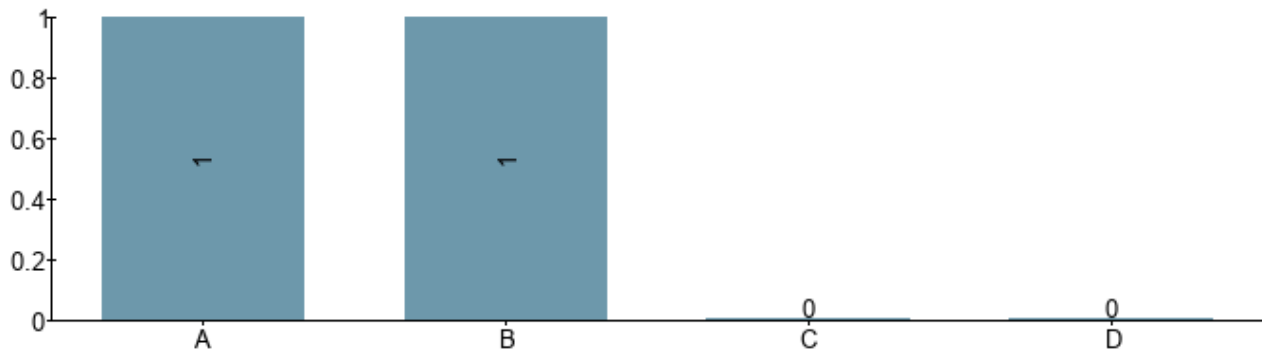
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1. The contents and structure of the course has supported the achievement of the learning outcomes



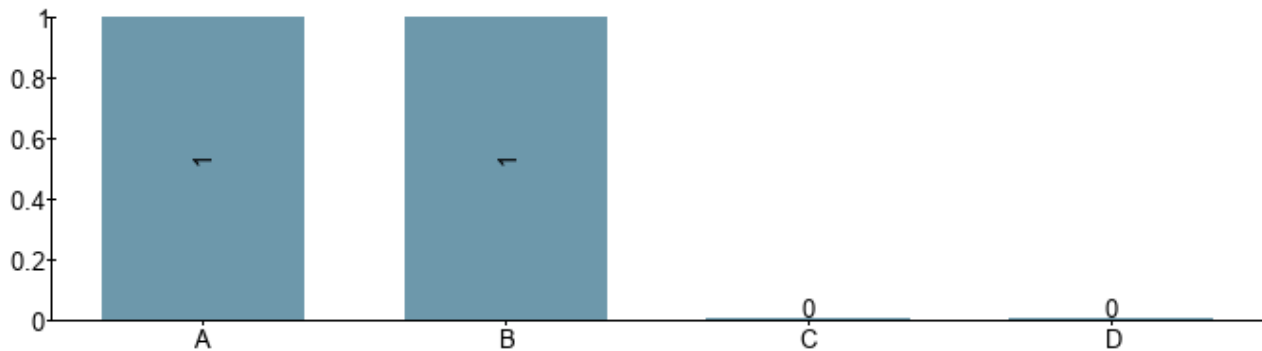
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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



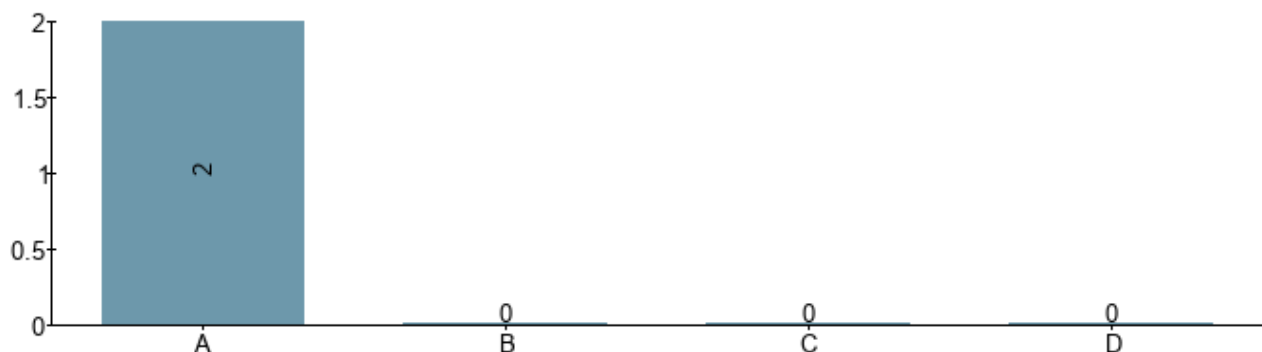
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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 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

Analysis based on course evaluation, including comments fields. If information has been collected in other ways, it should also be analysed here. Any effect of joint courses should be commented

on.

In spite of the positive remarks collected here, only a small percentage of students have passed the take-home exam. This is unfortunate. Partial Differential Equations is a rather difficult mathematical topic that requires preparations in due time, and certainly not only during the last days before the exam.

Suggestions for changes to the next course date.

Next time the course will be given, I will introduce a formative evaluation around the mid way of the course, preferably keeping the same form of the examination as the final exam. The role of such evaluation is twofold: (1) it keeps the students alert that a mature "mathematical reaction" of their side is needed and (2) it offers the students the possibility to challenge themselves at an early stage in the learning process.

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