

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.

Polymer Engineering, 7.5 ECTS cr. (MTAD22)
Course convener: Mikael Grehk

Basic LADOK data

Course Code: MTAD22
Application Code: 37757
Semester: HT-21
Start Week: 202145
End Week: 202202
Pace of Study: 50%
Form of Study: Campus

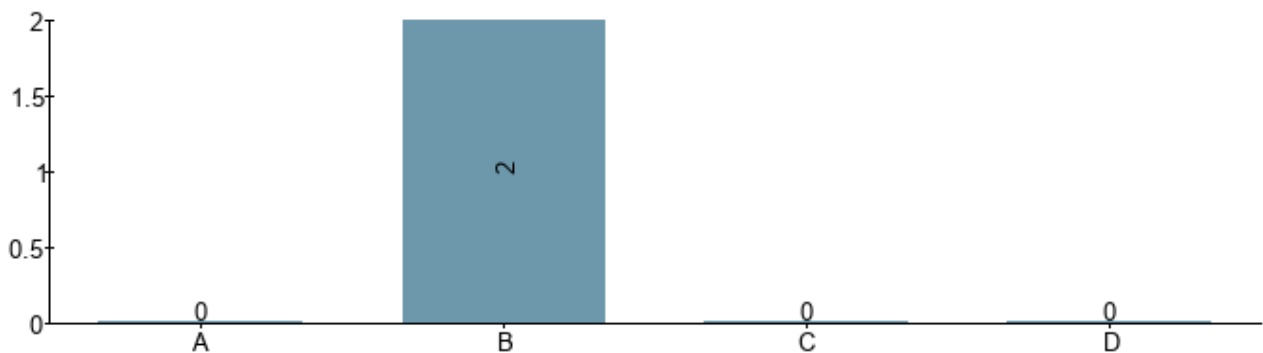
Course Data

Number of questionnaires answered: 2
Number of first registrations^[1]: 9

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

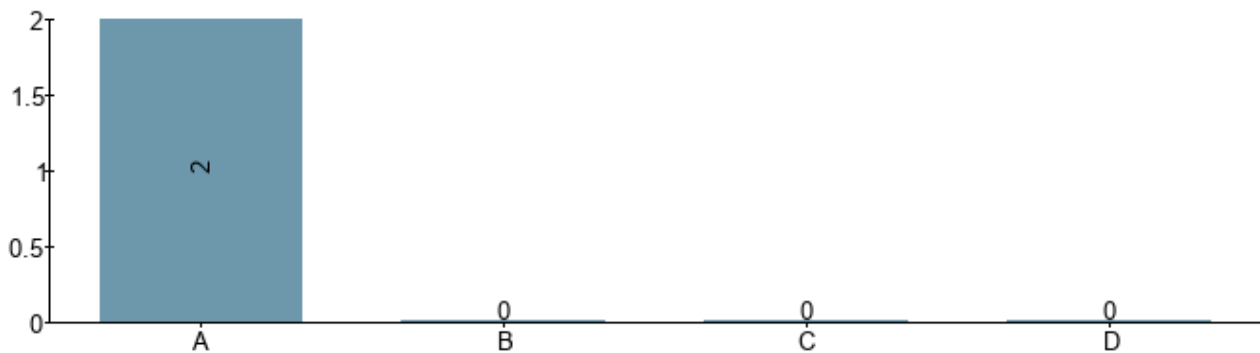
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1. The contents and structure of the course has supported the achievement of the learning outcomes



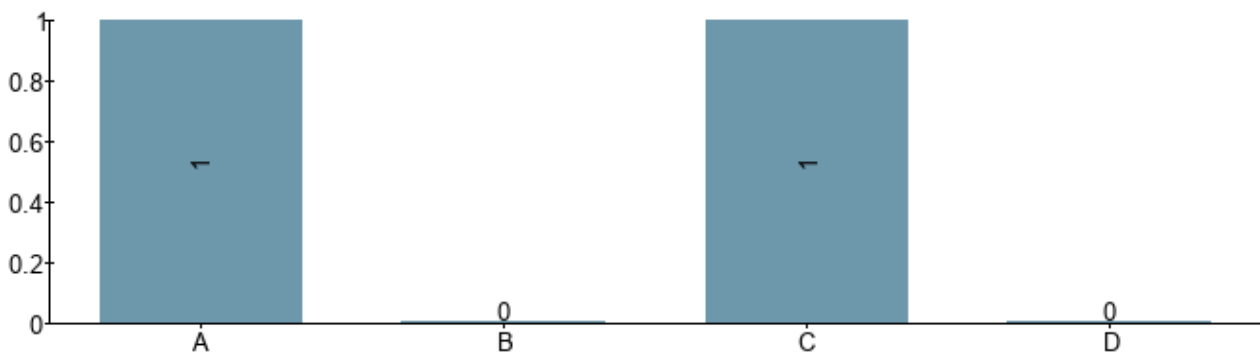
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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



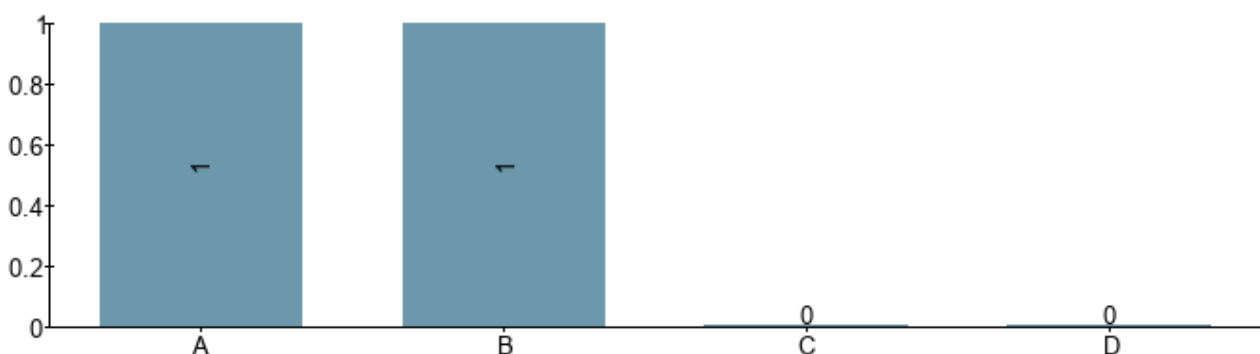
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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 8 and 9 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 7 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.

From the comments it is clear that the computer lab is still a challenge for the students and in particular to handle the abaqus software. A part of the problem is that the polymer course is the first course where FEM is used after its being taught.

The student reported that the workload is high in the course with different tasks that overlap in time.

Suggestions for changes to the next course date.

To solve the problem with the simulation lab, we will divide the lab into two days. In first the aim is to get better acquainted with the software, and in the second to get results from the simulations.

To reduce the workload the part dealing with yield and fracture will be further reduced. The reporting of the literature study will be moved to a later date in the schedule.

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