

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.

Simulation and modelling, 7.5 ETCS cr. (MTAD13)

Course convener: Mahmoud Mousavi

Basic LADOK data

Course Code: MTAD13

Application Code: 31754

Semester: VT-19

Start Week: 201904

End Week: 201913

Pace of Study: 50%

Form of Study: Campus

Course Data

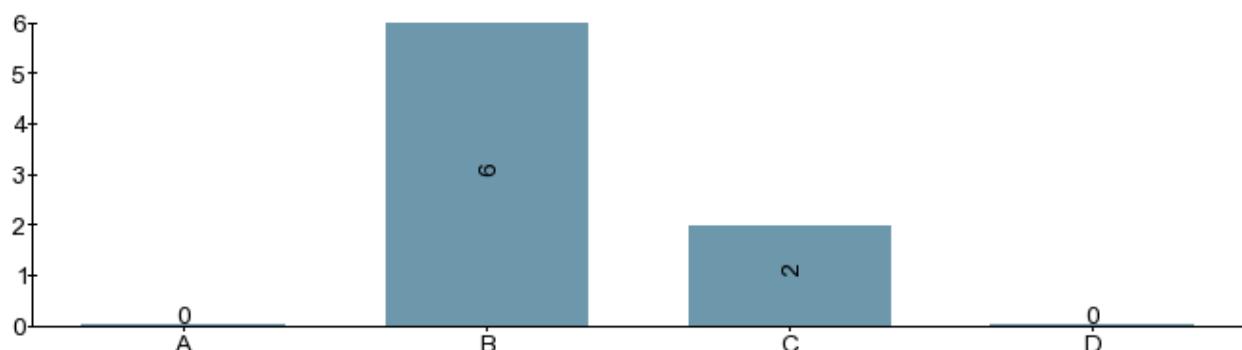
Number of questionnaires answered: 8

Number of first registrations^[1]: 25

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

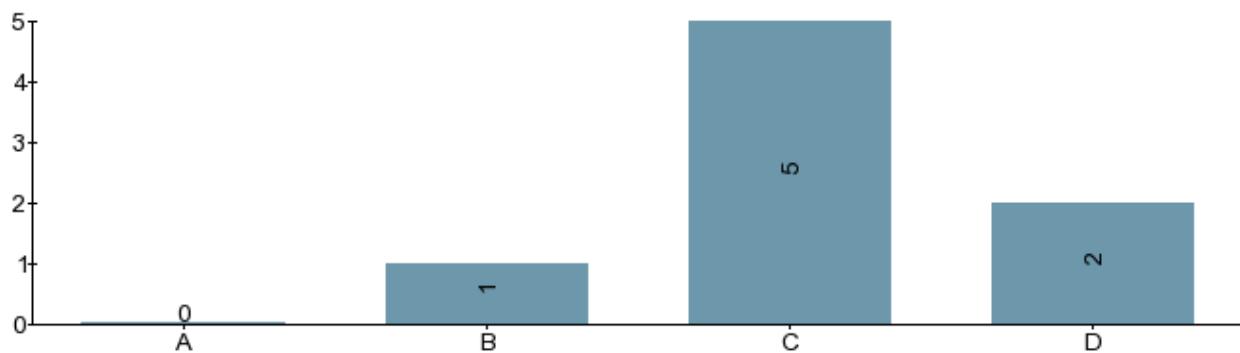
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1. During the course I developed the knowledge, skills and other competencies described in the learning outcomes.



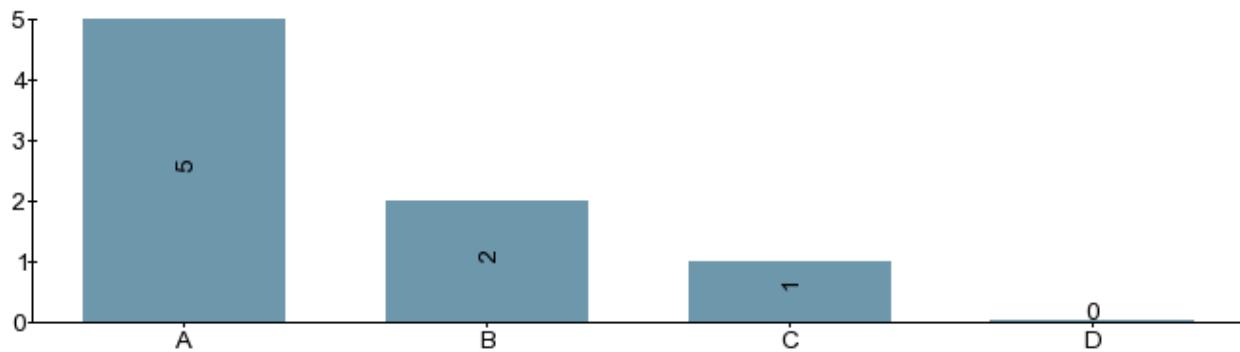
- A) To a very great extent
- B) To a great extent
- C) To a certain extent
- D) To a very little extent/Not at all

2. In the examinations, I had the opportunity to demonstrate if I have acquired the knowledge, skills and other competencies described in the learning outcomes.



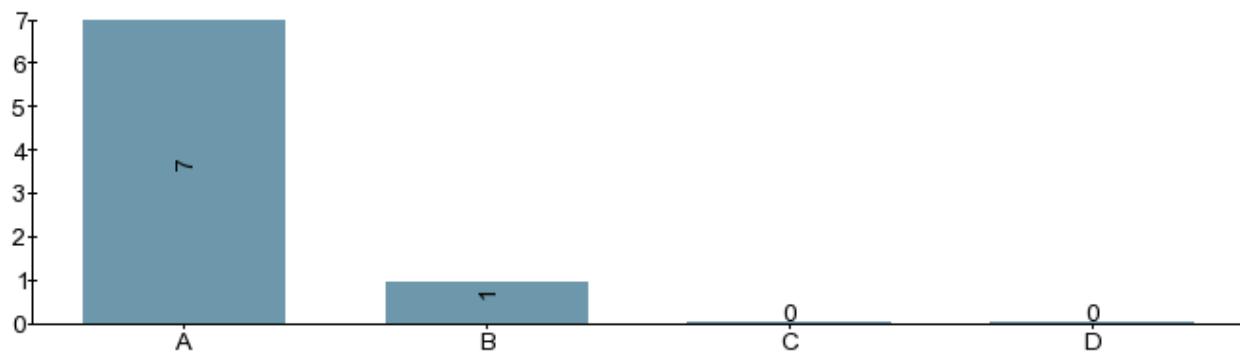
- A) To a very great extent
- B) To a great extent
- C) To a certain extent
- D) To a very little extent/Not at all

3. On average, I spent the following number of hours on coursework per week:



- A) More than 40 hours (or more than 20 hrs at 50% study pace, more than 10 hrs at 25% study pace)
- B) Between 30-39 hours (or between 15-19 at 50% study pace, between 8-10 at 25% study pace)
- C) Between 20-29 hours (or between 10-14 at 50% study pace, between 5-7 at 25% study pace)
- D) Less than 20 hours (or less than 10 at 50% study pace, less than 5 at 25% study pace)

4. During the course, I have found that teachers and other staff have been:



- A) Professional and very accommodating
- B) Professional and accommodating
- C) Professional
- D) Deficient

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

The learning outcome will be enhanced if some exercise sessions are included in the course. Moreover, the results of the assessment suggests that the access to Mathematica during the final exam might have reduced the success rate. The reason can be that the students are not focused on the concept when they have access to computers with solutions of the exams from the previous years.

Suggestions for changes to the next course date.

- Replacement of some of the computer exercise sessions with exercise sessions
- Not having the Mathematica as an exam aid

For the structure of the MTAD13 course in the new program, the group can consider revisiting the topics covered in different courses such as MTAD13, MTAD14, etc.

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