

# 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, Student Centre.

*Physical electronics, 7.5 ETCS cr. (FYGC07)*

*Course convener: Lars Johansson*

## Basic LADOK data

Course Code: FYGC07

Application Code: 25639

Semester: HT-15

Start Week: 201545

End Week: 201603

Pace of Study: 50%

Form of Study: Campus

## Course Data

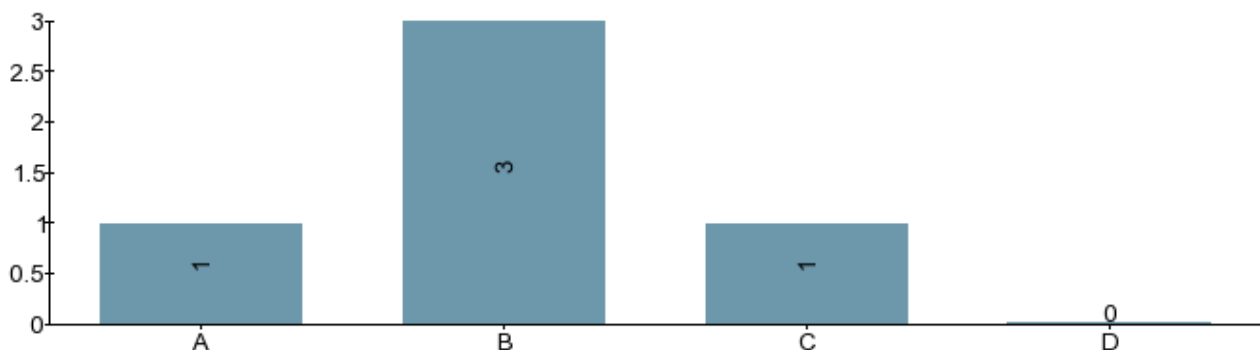
Number of questionnaires answered: 5

Number of first registrations<sup>[1]</sup>: 6

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

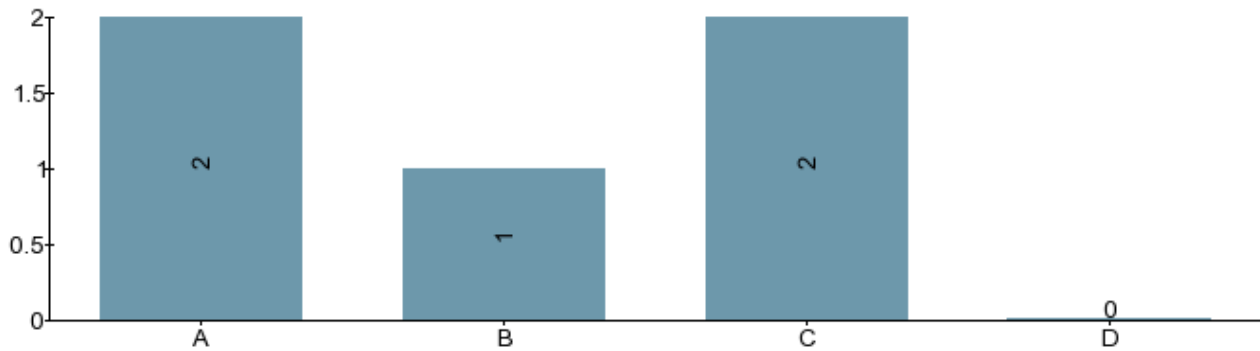
Improved planning and scheduling of the course. Improvement of the material for the laboratory exercises (Lab-PM).

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



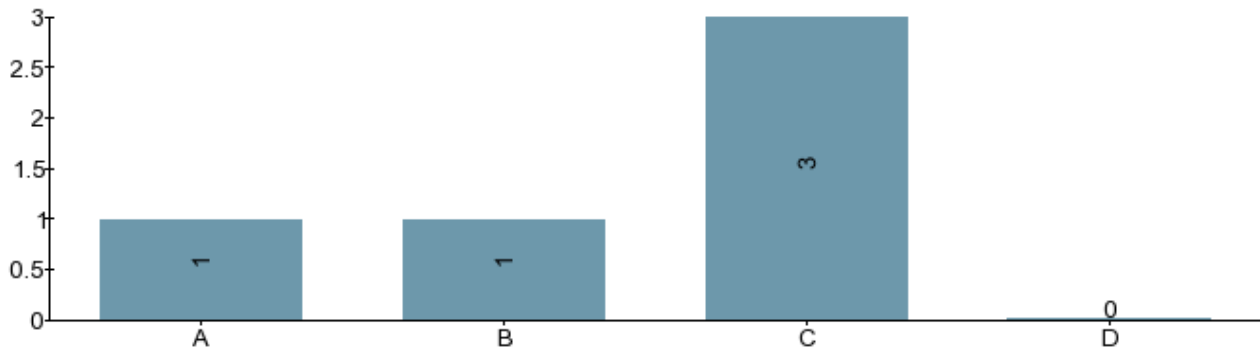
- A) To a very great extent
- B) To a great extent
- C) To a certain extent
- D) To a very little extent/Not at all

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.



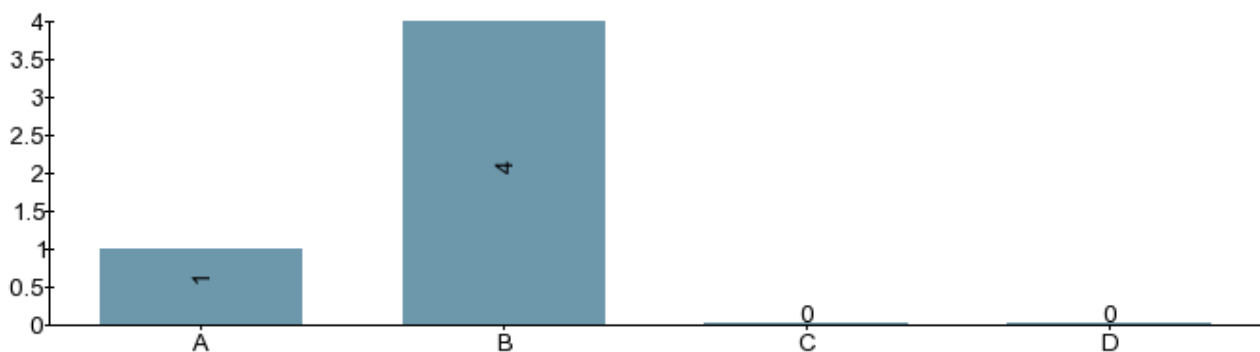
- A) To a very great extent
- B) To a great extent
- C) To a certain extent
- D) To a very little extent/Not at all

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 coursework progressed quite well this year, with improved schedule compared to the previous year. It can be concluded that the course fulfilled its goals and that the students were mostly satisfied with the course. One problem remains: the exercise problems in the textbook are not challenging enough, the students feel they are too easy. We have investigated possible other textbooks but decided to stay with the present one, since it overall is very good.

**Suggestions for changes to the next course date.**

We need to complement the textbook with some more advanced material and give the students a bit more demanding exercise problems. We also need to look more carefully at the use of units and dimension analysis during problem solving, an area where some weaknesses among the students were detected.

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