

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.

Surface Physics, 7.5 ETCS cr. (FYAE03)

Course convener: Hanmin Zhang

Basic LADOK data

Course Code: FYAE03

Application Code: 30394

Semester: VT-18

Start Week: 201814

End Week: 201823

Pace of Study: 50%

Form of Study: Campus

Course Data

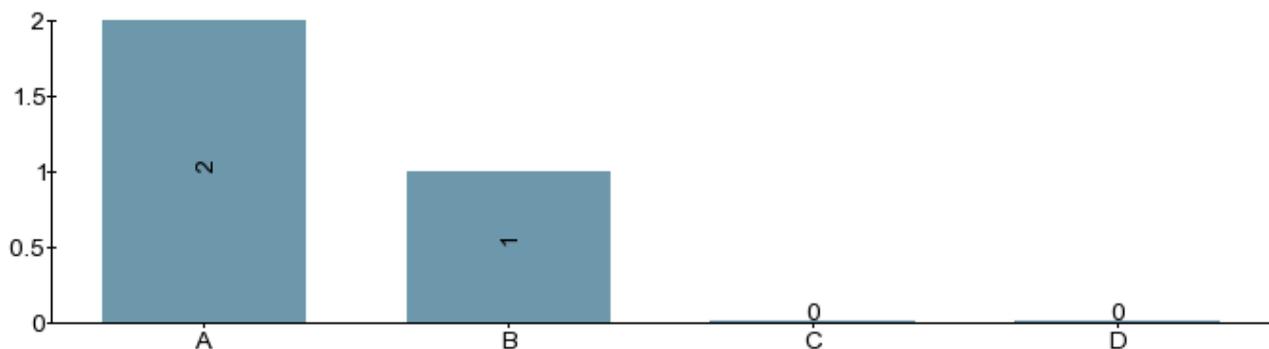
Number of questionnaires answered: 3

Number of first registrations^[1]: 6

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

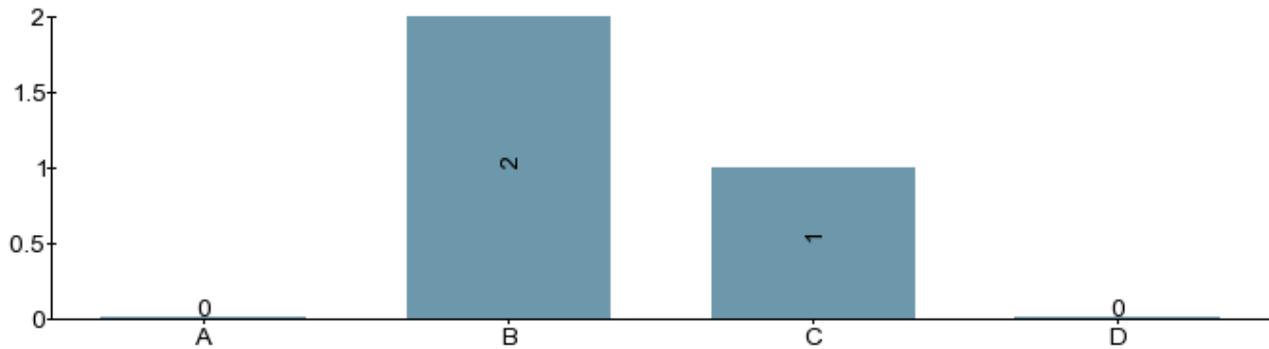
More comments and feedback on homework.

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



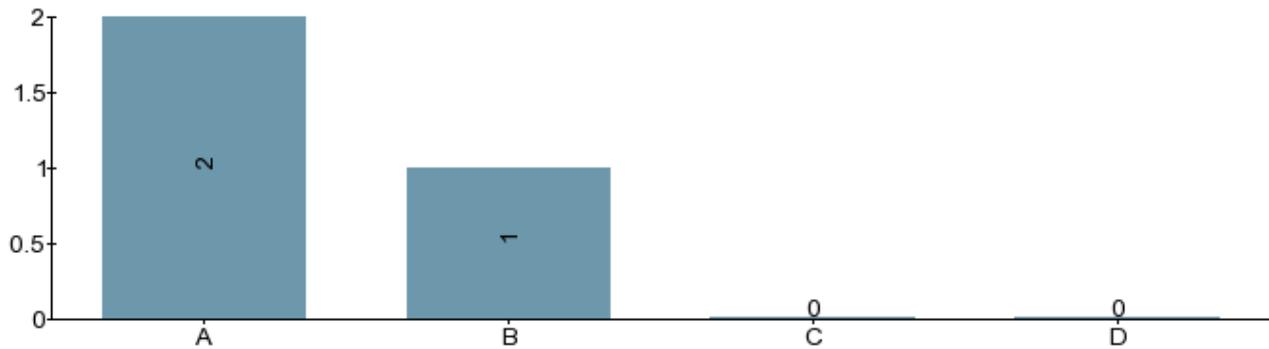
- A) To a very great extent
- B) To a great extent
- C) To a certain extent
- D) To a very little extent/Not at all

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.



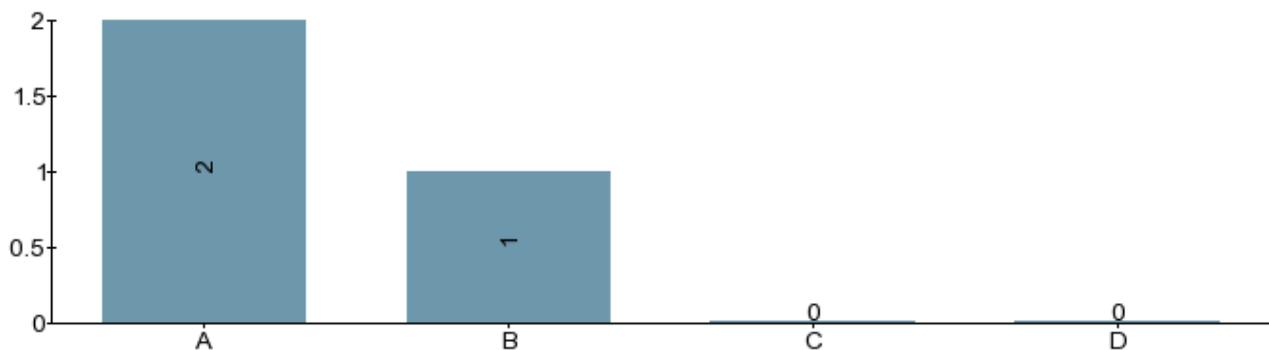
- A) To a very great extent
- B) To a great extent
- C) To a certain extent
- D) To a very little extent/Not at all

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.

Questions:

1. All the students developed the knowledge, skills and other competences to a great extent and above.
2. 60% students had examination to a great extent and 40% had examination to a certain extend. The examination seemed a little bit too harder to some students.
3. 60% students spent more than 20 hours, 40% spent 15-19 hours. Thus the load of the course was set in a proper way.
4. All the students felt the teacher and other staff professional and accommodating.

Comments and suggestions from students:

1. I really liked the lectures. They were very informative and it helped me a lot in understanding the topics of the course. In particular, I appreciate that a lot of experimental results are discussed during the lectures.
2. It should be made clear at the start of the course whether its compulsory or not to do the assignments and seminar, and whether they give bonus points on the exam or not. Additionally, I think its good that the STM, LEED, XPS and RGA lab was done separately when taking into account that a list of recommended things to bring up in the report was provided. Moreover, I think it would be appreciated if there was a demonstration of an ARUPS measurement.
3. It's so nice to have a VERY professional teacher during lectures, and a VERY good lab supervisor (cudos to Christian), in such a difficult course!
4. It would probably be less stressful to have: 1. The exam later on in the course, namely not having it only 4 days after the last lecture. 2. Write the lab report in pairs of two students... And not having a single report per student...

Analysis:

The comments from the students and the grades from the questionnaire show that the course nicely fulfilled the tasks and goals stated in the syllabus. It seems that the examination was a little bit harder to some students since a part of questions were designed to motivate the students to solve the real problems. Nevertheless, I think this is a good direction to move, but questions may be less deep.

Suggestions for changes to the next course date.

The examination will be scheduled one week after the last lecture. The Lab report would be written in pairs of two students.

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