

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.

Surface Physics, 7.5 ETCS cr. (FYAE03)

Course convener: Hanmin Zhang

Basic LADOK data

Course Code: FYAE03

Application Code: 34003

Semester: VT-20

Start Week: 202014

End Week: 202023

Pace of Study: 50%

Form of Study: Campus

Course Data

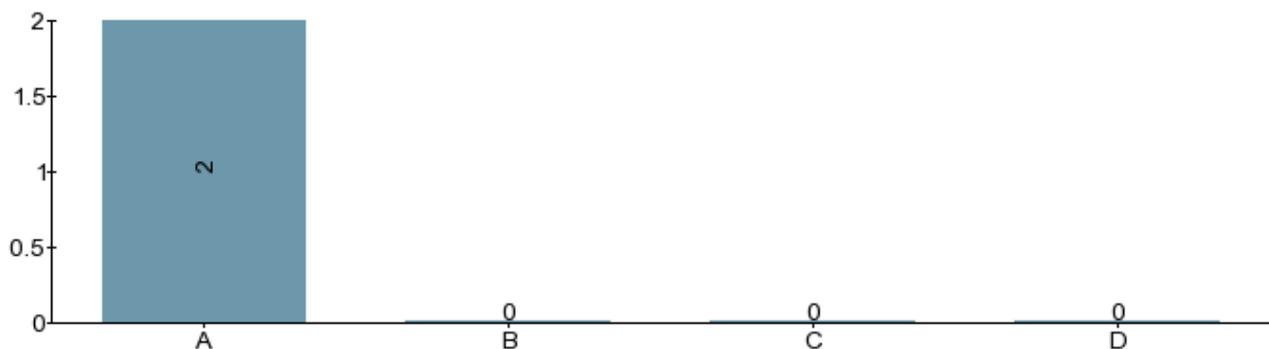
Number of questionnaires answered: 2

Number of first registrations^[1]: 6

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

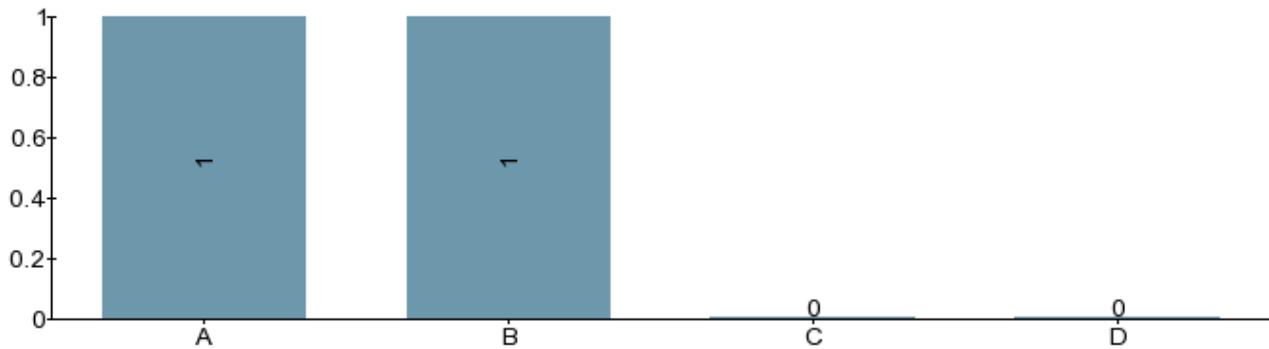
More comments and feedback on homework and mandatory seminars.

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



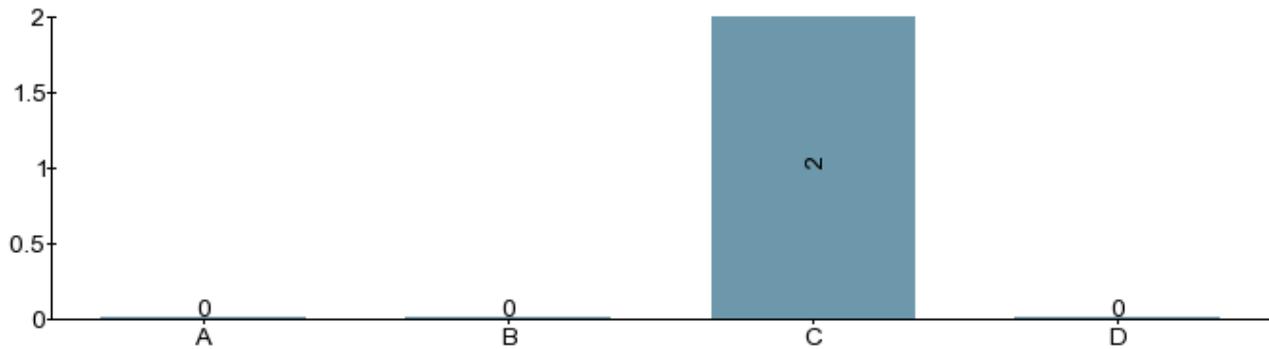
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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



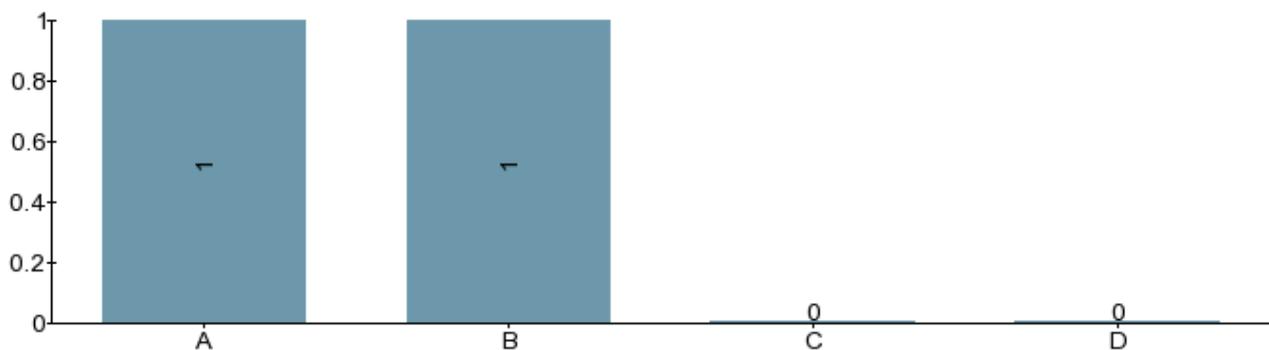
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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 per week 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

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

Analysis:

The grades from the questionnaire show that the course fulfilled the tasks and goals stated in the syllabus. It seems that this year the workload was set correctly for all students. The comments and opinions from the students demonstrated that the course layout was properly designed to motivate the students to go through the course content.

Comments and opinions from students:

"Comments to question 1"

Homework and seminars that affect the final grade force students to continuously "learn by doing" which I personally believe is one of the best ways to learn a subject. The course layout (having the homework due a couple of weeks after the material was shown in the lectures) gave ample time to digest the course material and to ask any questions that may have arose.

"Comments to question 2"

With weekly homework, occasional seminars and a final written exam that together covered the entire course material, there were plenty of opportunities to demonstrate what you had learned.

"Comments to question 3"

Lectures + reading the chapter(s) in the book cover all material you need to be able to do every homework and prepare for the exam. Only the seminars require extra time by looking up and reading research articles.

"Comments to question 4"

Teacher always gave time both during and after lectures for questions. Material was easy to find on the course canvas-page (including video lectures for those that missed/didn't attend certain lectures).

"In your opinion, which components of the course should be modified? Do you have suggestions for development?"

I have no suggestions for improvement.

"In your opinion, which components of the course have functioned well and should be kept?"

The Homeworks and Seminars are a good way to keep up with the content of the lectures. The Homeworks have a good difficulty, as they are somewhat basic but still challenging sometimes because the students are new to the subject in question and results in excellent practice. The seminars should be kept for the deeper study, for which they are intended.

The homework(s), seminars and laboratory work were relevant to the course and were great educational tools that should be kept.

Suggestions for changes to the next course date.

No big change is expected next year. The seminars will be kept for the deeper study.

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