

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.

Advanced Quantum Mechanics, 7.5 ECTS cr. (FYAD04)
Course convener: Jürgen Fuchs

Basic LADOK data

Course Code: FYAD04
Application Code: 40738
Semester: HT-22
Start Week: 202245
End Week: 202302
Pace of Study: 50%
Form of Study: Campus

Course Data

Number of questionnaires answered: 3
Number of first registrations^[1]: 4

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

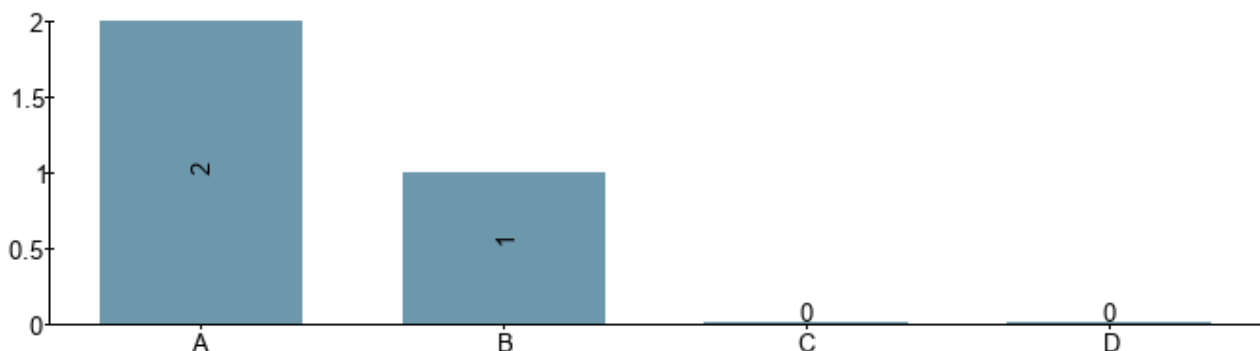
Suggested and done:

- Provide further external sources for some of the student presentations.
- Spread out the student presentations for chapters 3, 6 and 7 over a larger number of days.

Suggested, but not done:

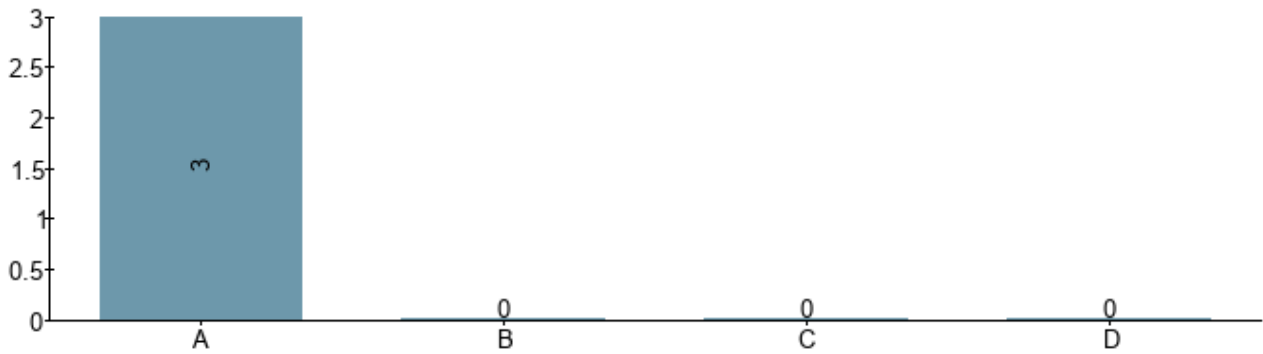
Give the feedback on student presentations privately. (This was deemed to be unnecessary by this year's students.)

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



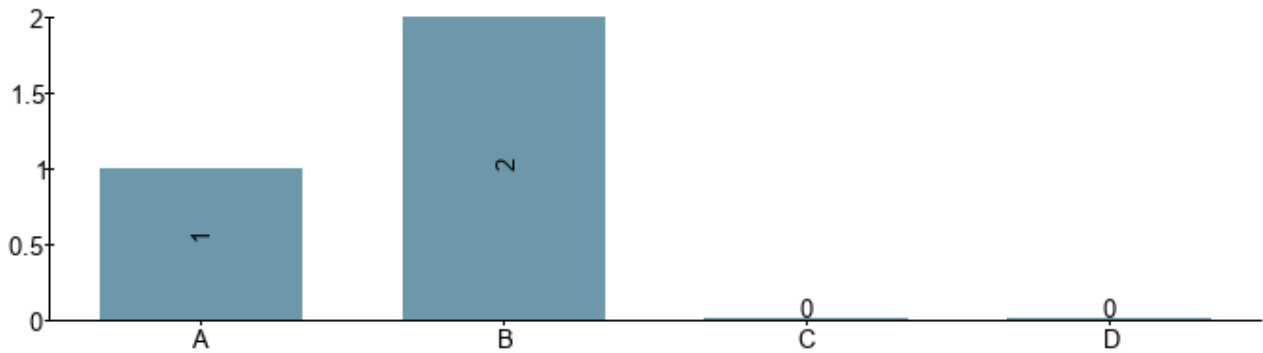
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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



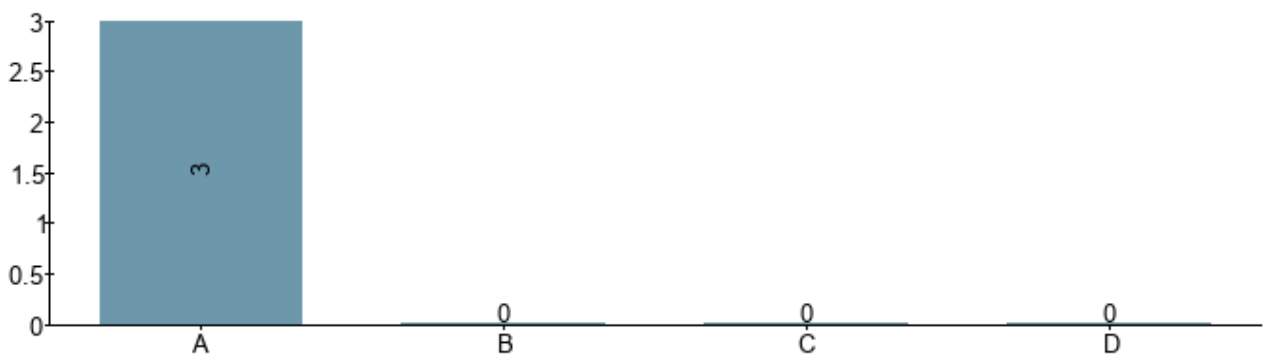
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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.

All three students who fully followed the course gave valuable input in an oral evaluation, and three of the four registered students likewise in the electronic evaluation. They were all very positive about the course, both its general layout and the examination. ("Very good and interesting course.", "Appreciated a good mixture of different segments; both teacher- and student-lead lectures together with hand-in assignments.")

The students made two requests for changes, both of which are fully supported by the teacher: First, there should be fewer presentations per student (their number had been increased as a consequence of the dropout of several students who had applied to the course, some of which happened just directly before the start of the course). Second, modify the scheduling of the exercises towards the end of the course, in such a way that the problems from Chapter 4 and possibly those from Chapter 5 can be taken up before the Christmas break.

Similarly as in previous years, the students' presentation skills were already quite high at the start of the course, but they still improved further during the course.

Suggestions for changes to the next course date.

- 1) Set the maximum number of presentations per student to 4.
- 2) Take up the problems from Chapter 4 and (possibly) 5 before the Christmas break.

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