

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.

Nanoscience II, 7.5 ETCS cr. (CBAD80)

Course convener: Hanmin Zhang

Basic LADOK data

Course Code: CBAD80

Application Code: 30383

Semester: VT-18

Start Week: 201804

End Week: 201813

Pace of Study: 50%

Form of Study: Campus

Course Data

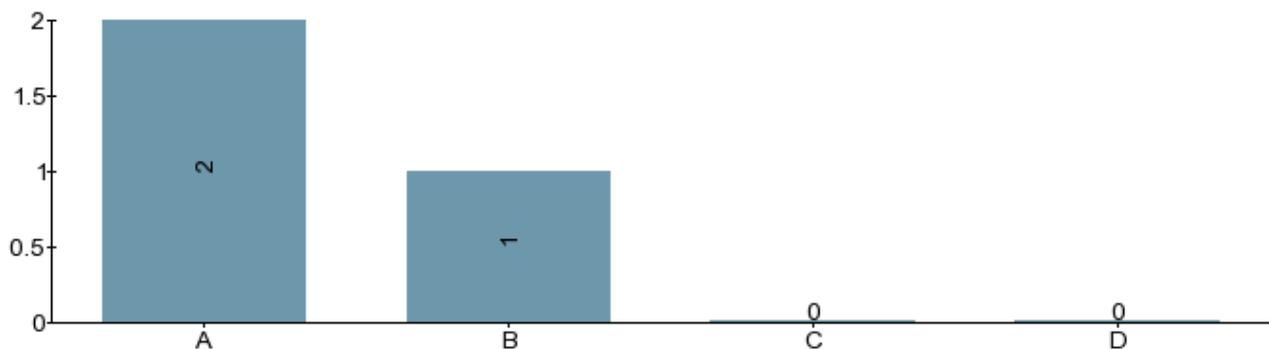
Number of questionnaires answered: 3

Number of first registrations^[1]: 5

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

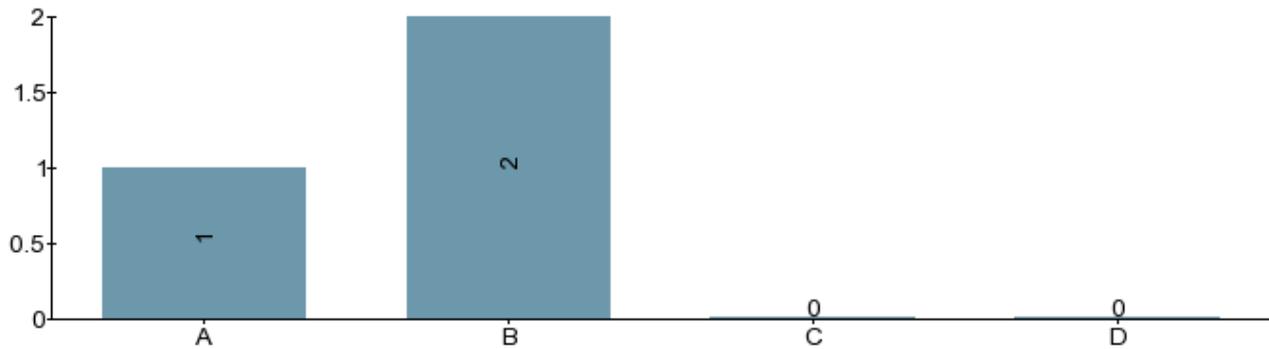
More feedbacks on exercises are needed with improvements for students to develop and learn better. There is also a need of a clearer statement in the beginning of the course on how many university points/bonus to the examination will be given for the exercises and the seminars.

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



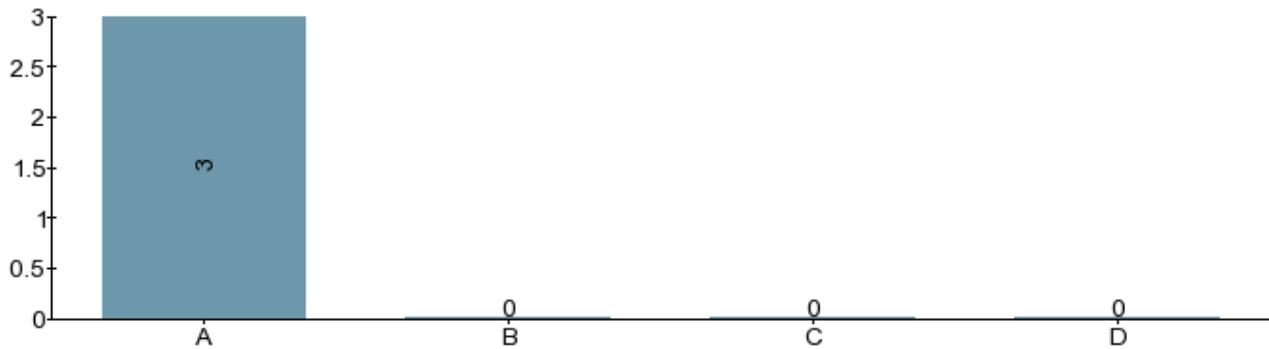
- A) To a very great extent
- B) To a great extent
- C) To a certain extent
- D) To a very little extent/Not at all

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.



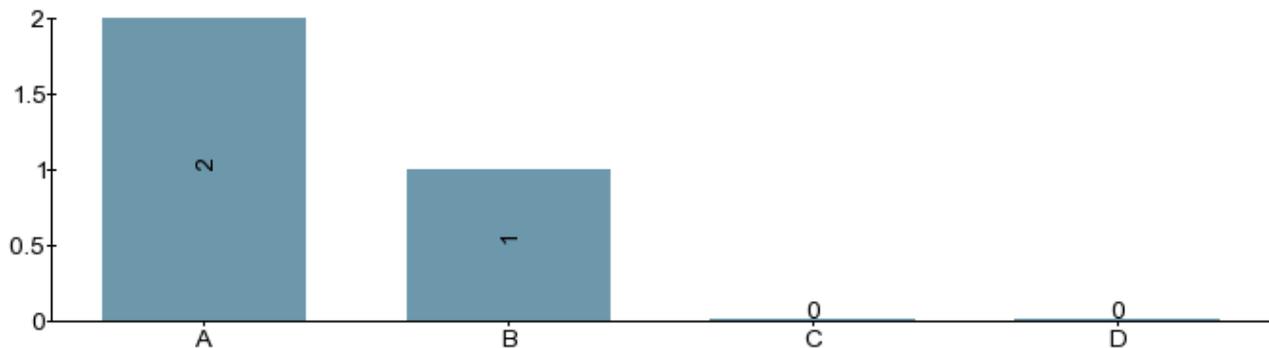
- A) To a very great extent
- B) To a great extent
- C) To a certain extent
- D) To a very little extent/Not at all

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 comments from the students and the grades from the questionnaire show that the course quality has been continuously improved according to the syllabus. However, there were still some problems related to the textbook. Some subjects missed deep explanations and were treated theoretically in comprehensive ways. It was suggested from students that for a beginner in actual calculations related to nanoscience, the reference book "Electron Transport in Nanostructures and Mesoscopic Devices: An Introduction" is much better and gives in general a better understanding on things than the recommended course book. However, I think that the current textbook is overall better than that reference book, which is too shallow. Nevertheless, in the lectures extra materials from other literatures were included.

It seemed that the workload due to the homework was still high to few students. But I think they are designed to deeply motivate the students to thoroughly go through the course content.

Suggestions for changes to the next course date.

"Electron Transport in Nanostructures and Mesoscopic Devices: An Introduction" will be first recommended. According to the examination results of this year, there seems no need of bonus to the examination for the exercises and the seminars.

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