

# 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.

*Nanoscience II, 7.5 ETCS cr. (CBAD80)*

*Course convener: Hanmin Zhang*

## Basic LADOK data

Course Code: CBAD80

Application Code: 33901

Semester: VT-20

Start Week: 202004

End Week: 202013

Pace of Study: 50%

Form of Study: Campus

## Course Data

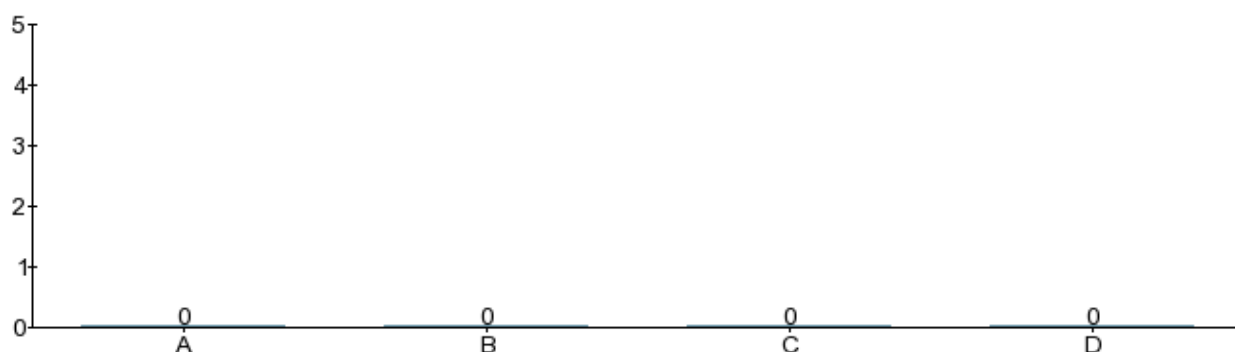
Number of questionnaires answered: 0

Number of first registrations<sup>[1]</sup>: 4

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

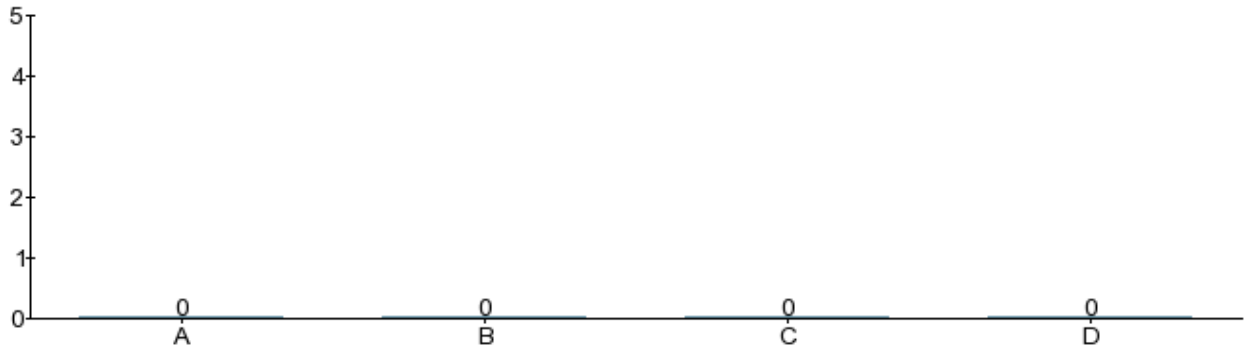
To motivate students to attend the lectures, do homework and give seminars, bonus grades seem to be still necessary so that they can be added onto the final results of the course. A whiteboard for mathematical proofs instead of PowerPoint will be under consideration.

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



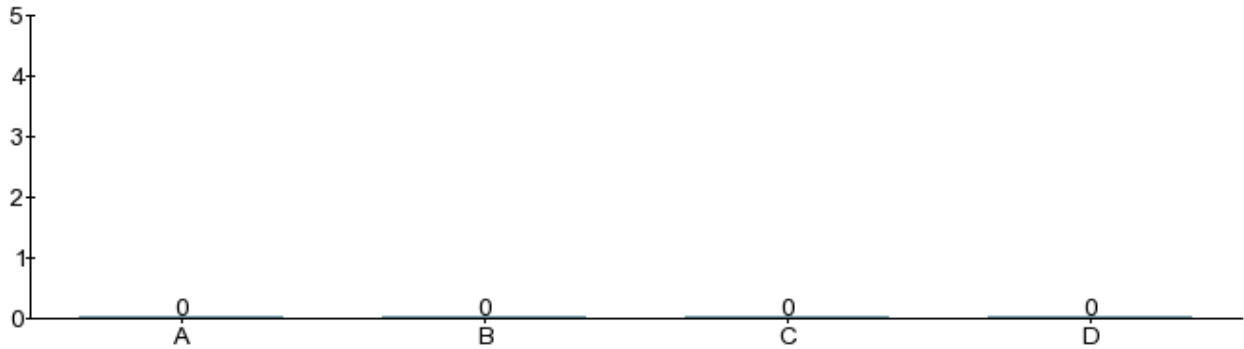
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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



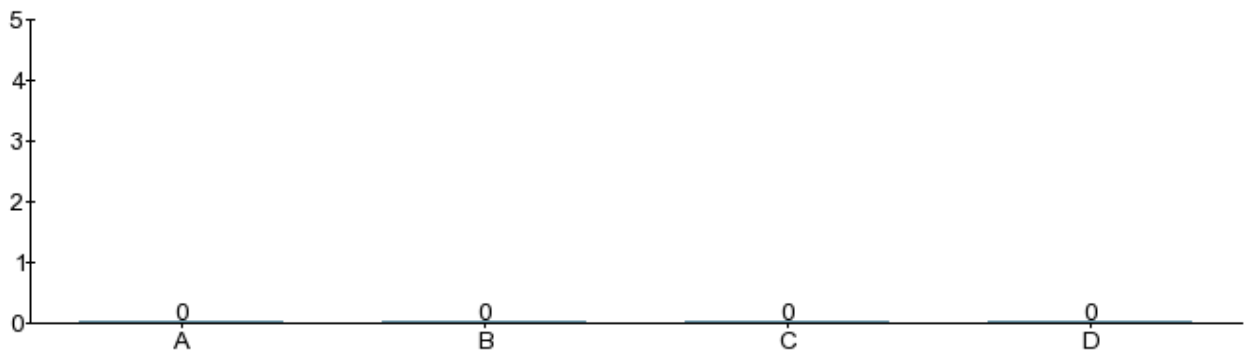
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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.**

This spring was very special due to the breakout of the pandemic Covid-19 virus, since all the teaching activities at Karlstad University were transformed into distance education. This thus affected the last parts of the Nano Science II course. Some lectures and seminars were carried out online by using ZOOM accordingly. The written examination was also changed to take place at student's home using ZOOM for supervision. Anyhow, compared to last year, there was still some progress for the course this year. The combination of homework, seminars, and bonus grades seemed to be quite efficient to motivate students. The final results and the grades show that the course task has been fulfilled according to the syllabus in general.

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

No major change is expected for the next year. Improvement in new skills using ZOOM is in process. For example, a whiteboard for mathematics and illustration in ZOOM or a drawing app will be under consideration.

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