

PUBLISHED COURSE ANALYSIS



Publishing date: 2023-04-24

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.

Computational Physics, 7.5 ECTS cr. (CBAD82)
Course convener: *Andrea Muntean*

Basic LADOK data

Course Code: CBAD82
Application Code: 41908
Semester: VT-23
Start Week: 202303
End Week: 202312
Pace of Study: 50%
Form of Study: Campus

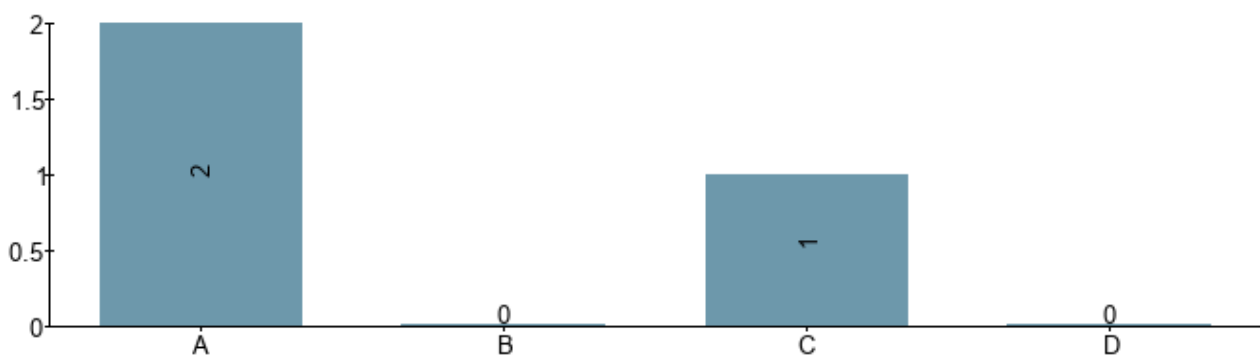
Course Data

Number of questionnaires answered: 3
Number of first registrations^[1]: 8

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

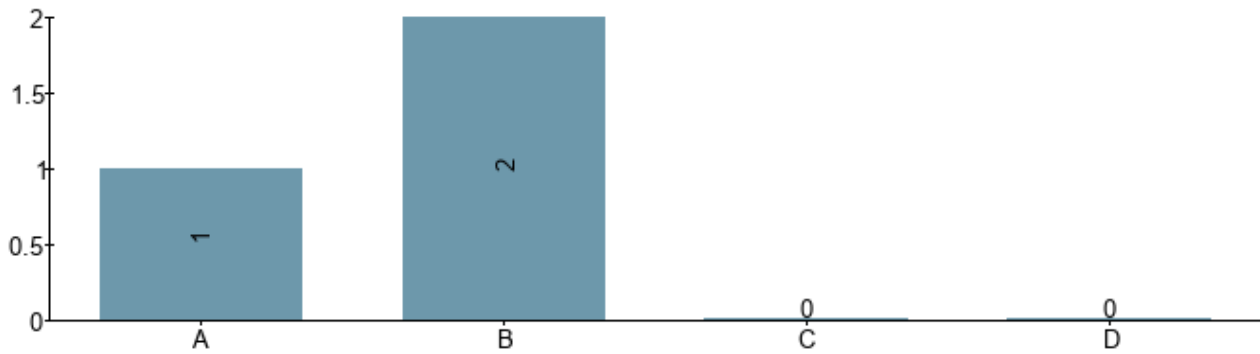
We plan to purchase a computational system to allow students to work on a local server. This will improve the access to programs for high throughput calculations.

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



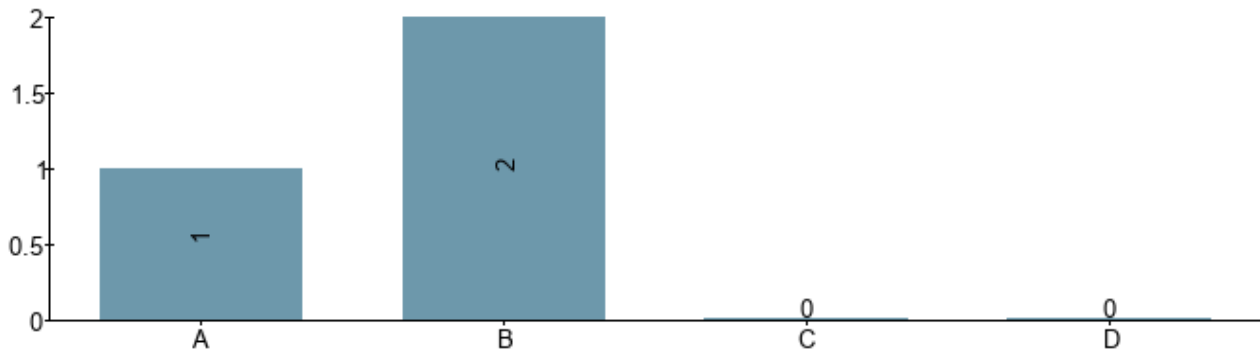
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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



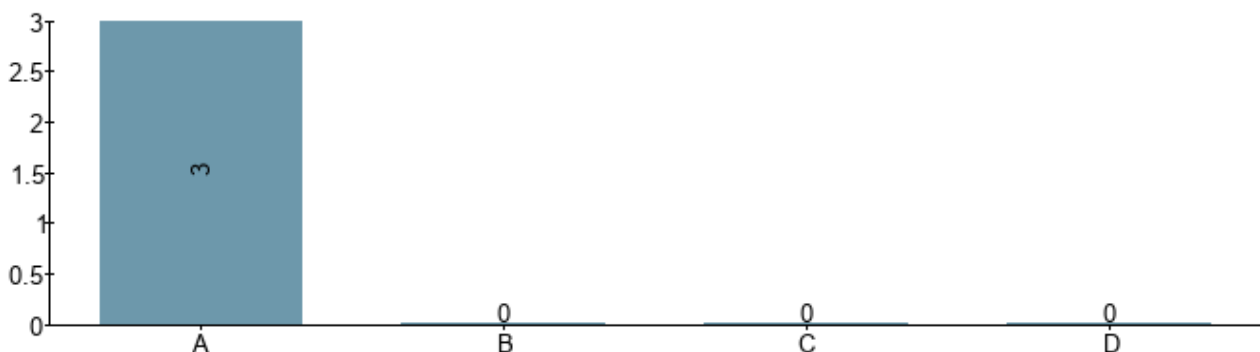
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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 cour
- B) Between 30 and 39 hours per week (or between 15 and 19 hours for courses given as half-time studies, or between 8
- C) Between 20 and 29 hours per week (or between 10 and 14 hours for courses given as half-time studies, or between 5
- 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 h

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.

The computational server was purchased with (objective) delay and hence was not ready for use for this year. The plan is to install all necessary software and test it for usage next year (VT2024). The students that responded to the course evaluation had positive comments. They comment very enthusiastically about the final in-depth assignment/project that is the ground for the final assessment in this course.

Suggestions for changes to the next course date.

Even if the comments about the final project were largely positive, we think that a more clear delimitation of the final projects and a more in-depth presentation round at the start or in the middle of the final projects is needed. This will allow for a better focus on real computational physics problems and for a better assessment of the student's actual knowledge in the subject.

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