PUBLISHED COURSE ANALYSIS

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A course analysis has been carried out and published by the course convener.

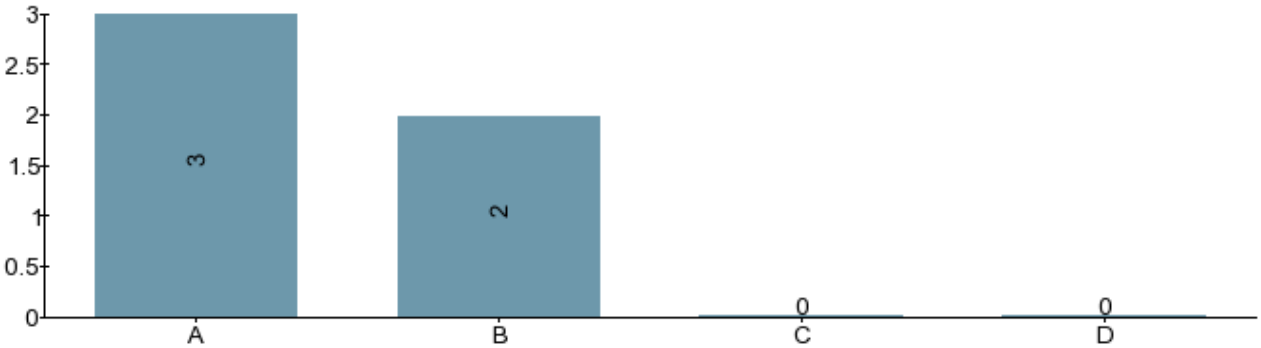
The Karlstad University evaluation tool is owned by the Professional Development Unit and is managed by the systems group for educational administration, Student Centre.

Analytic mechanics I, 7.5 ETCS cr. (FYGB08)
Course convener: Jürgen Fuchs

Basic LADOK data		Course Data	
Course Code:	FYGB08	Number of questionnaires answered:	5
Application Code:	27561	Number of first registrations[1]:	9
Semester:	HT-16		
Start Week:	201645		
End Week:	201703		
Pace of Study:	50%		
Form of Study:	Campus		

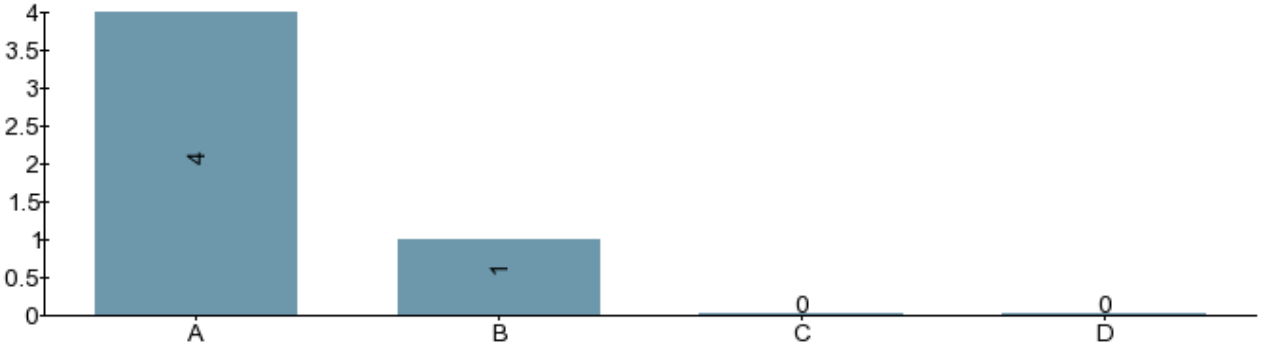
Changes suggested in the course analysis of the previous course date:

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



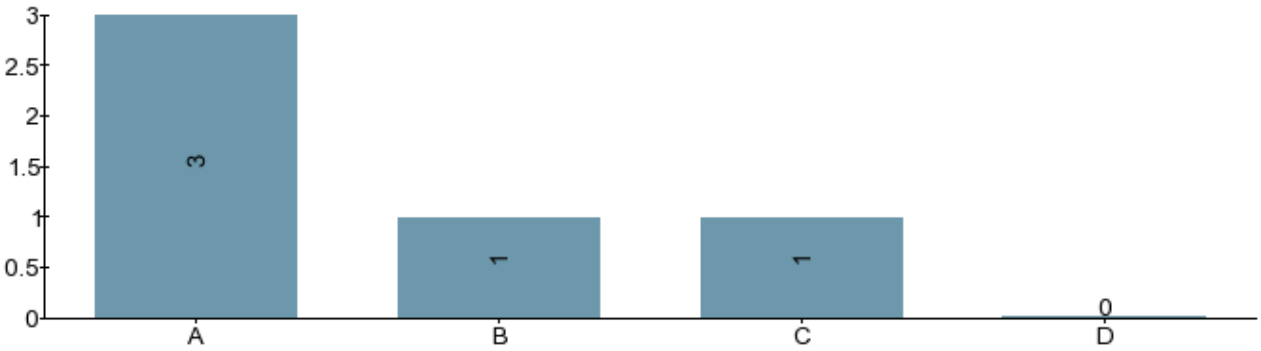
A) To a very great extent
B) To a great extent
C) To a certain extent
D) To a very little extent/Not at all

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.



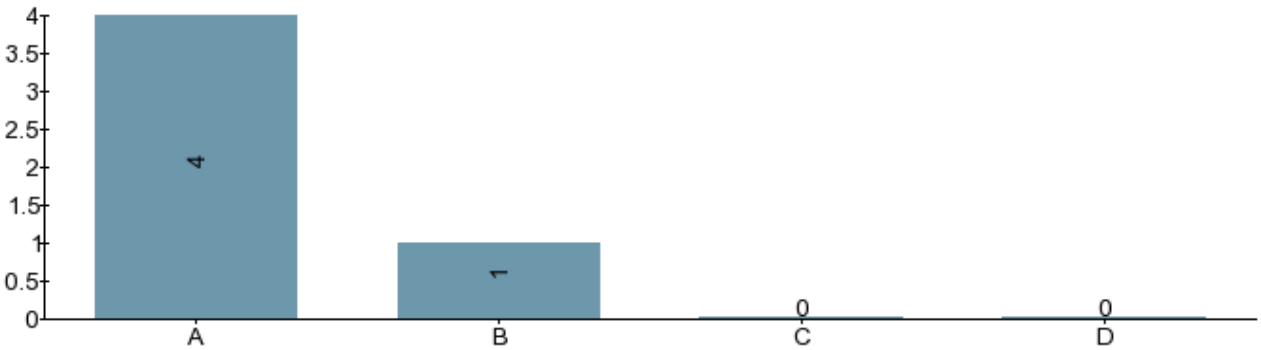
A) To a very great extent
B) To a great extent
C) To a certain extent
D) To a very little extent/Not at all

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

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 course is considered as hard by most students, but still works in general well.
Most of the students appreciated its relevance and the focus on conceptual issues.

Several students asked for a shorter time delay between the deadline for homework problems and the date they are taken up in an exercise session. Unfortunately, in view of the time consumption for correcting homework it will be difficult to improve this more than marginally.

On average, the students spent too much time for this course. Partially this is a consequence of the focus of the examination on homework problems (which in the examinar's opinion is essential for this course) and the fact that most students were considerably more ambitious concerning the solution of homework problems than what is common in written exams.

Suggestions for changes to the next course date.

(1) Try to reduce the time delay between the deadline for homework problems and their treatment in an exercise session.

(2) Reduce the amount of information given for some parts of the course, such as for the one dealing with small vibrations.

(3) At course start, point out strongly that solving all homework problems is time consuming and is not indispensable for achieving a high grade.

On a longer time scale:
(4) Move the discussion of the special theory of relativity completely to other courses.
This will require changes in several course plans and is therefore a long-term project.

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