PUBLISHED COURSE ANALYSIS

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 Code: FYGB08
Application Code: 32236
Semester: HT-18
Start Week: 201845
End Week: 201903
Pace of Study: 50%
Form of Study: Campus

Course Data

Number of questionnaires answered: 2

Number of first registrations[1]:   4

Changes suggested in the course analysis of the previous course date:
Suggested changes:
(1) Treat some further parts of chapters 3 and 4 in a more cursory way,
(2) Add a few further explicit worked-out examples to illustrate the theoretical developments.
(3) Find better homework problems dealing with special relativity.
(4) Hand out detailed instructions about the project at an early stage.
(5) Increase the efforts for guaranteeing that students solve the homework problems individually.

(4) and (5) were fully implemented, and (1) and (3) to a large extent. (2) was implemented by e.g. the "robot" example for nonholonomic constraints, but including further examples is desirable.

1. During the course I developed the knowledge, skills and other competencies described in the learning outcomes.
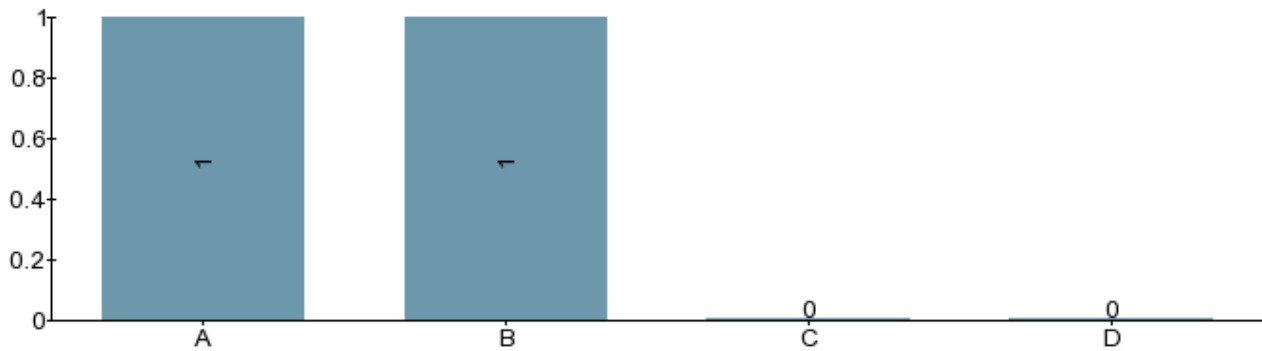
A	B	C	D
1	1	0	0

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.
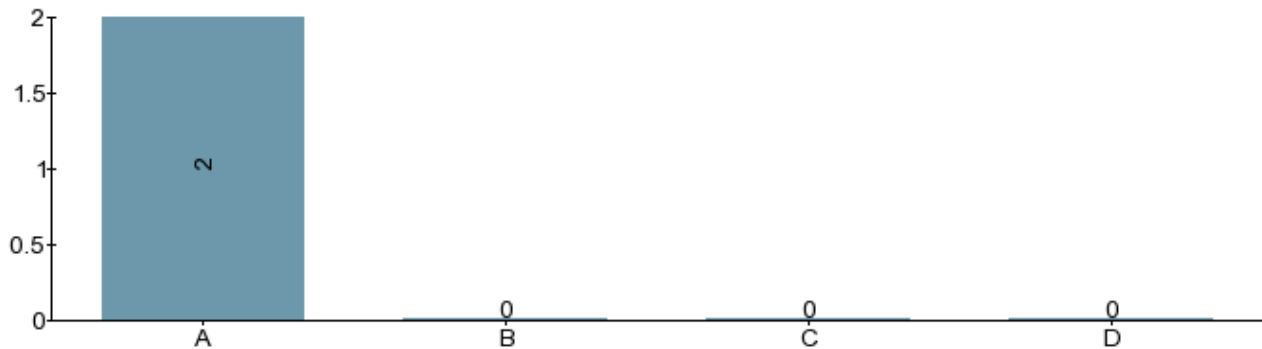
A	B	C	D
2	0	0	0

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	B	C	D
0	2	0	0
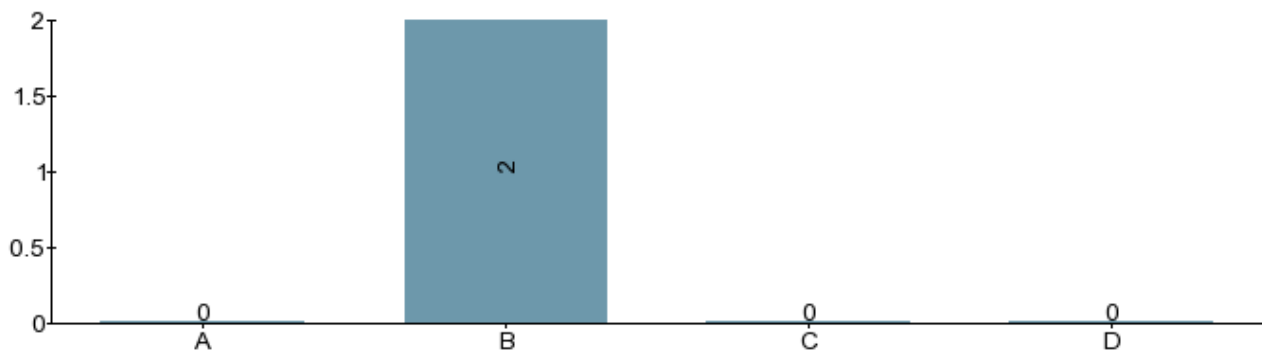
A) More than 40 hours (or more than 20 hrs at 50% study pace, more than 10 hrs at 25% study pace)
B) Between 30-39 hours (or between 15-19 at 50% study pace, between 8-10 at 25% study pace)
C) Between 20-29 hours (or between 10-14 at 50% study pace, between 5-7 at 25% study pace)
D) Less than 20 hours (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:
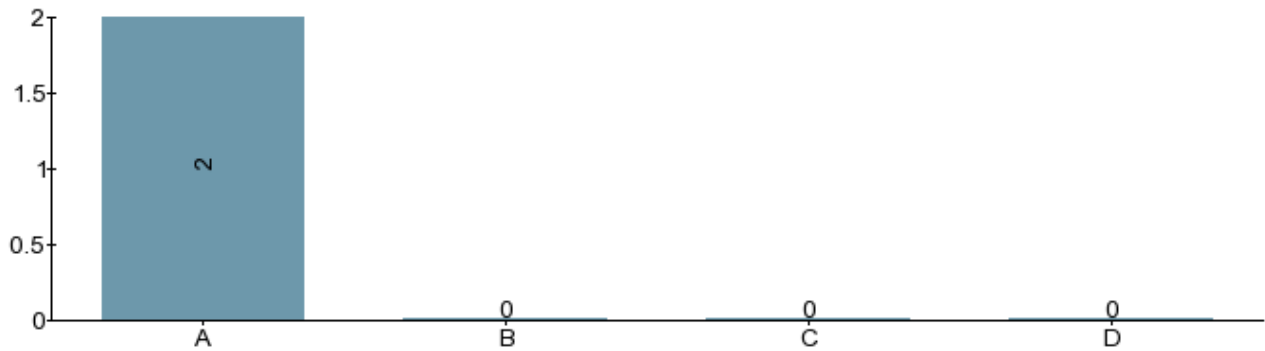
A) Professional and very accommodating
B) Professional and accommodating
C) Professional
D) Deficient

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 works well and the (few) students were largely satisfied. One student would have liked to get faster feedback on the homeworks and project; this can however hardly be done without increasing the time allocated to the teachers.

Suggestions for changes to the next course date.

Discuss a few further concrete examples in the lectures; possibly present the "robot" example already when non-holonomic constraints are discussed for the first time.

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