

PUBLISHED COURSE ANALYSIS



Publishing date: 2023-01-17

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.

Materials characterisation, 7.5 ECTS cr. (MTAD23)
Course convener: Pavel Krakhmalev

Basic LADOK data

Course Code: MTAD23
Application Code: 41190
Semester: HT-22
Start Week: 202235
End Week: 202244
Pace of Study: 50%
Form of Study: Campus

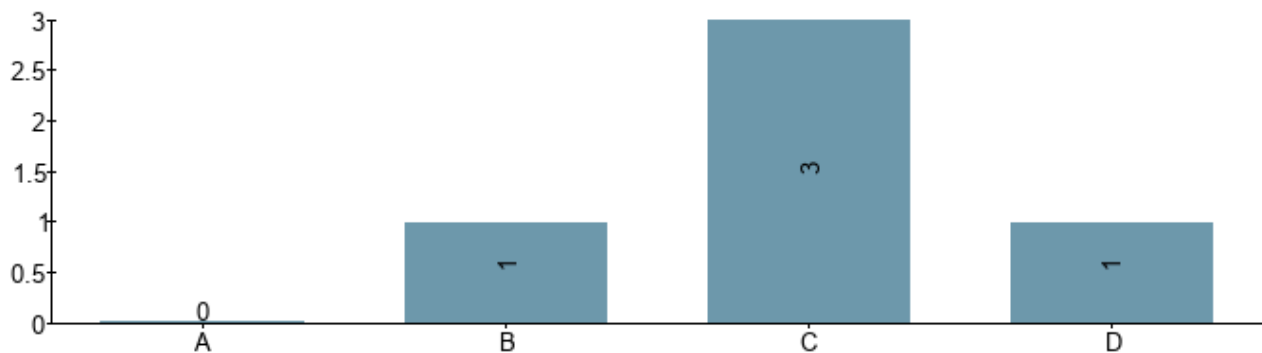
Course Data

Number of questionnaires answered: 5
Number of first registrations^[1]: 18

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

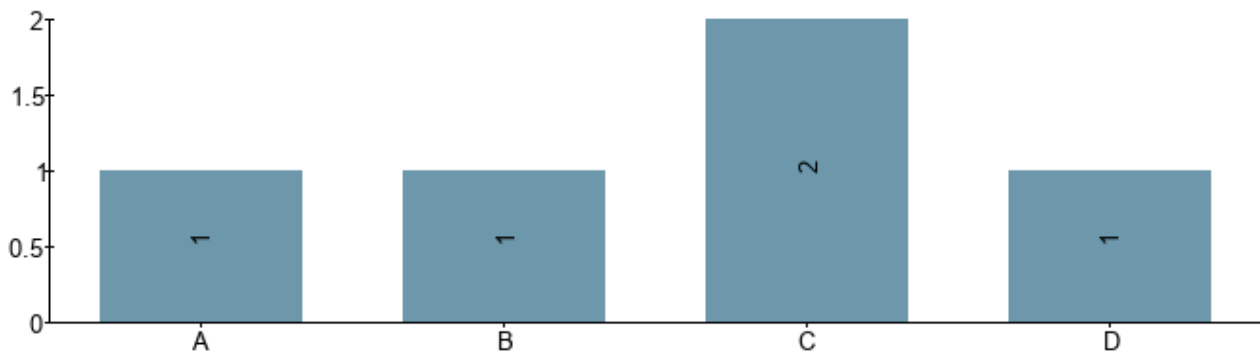
--The course is given first time in 2022. To a large extent the course inherited structure, and with moderate modifications content of the previously given MTAD18.

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



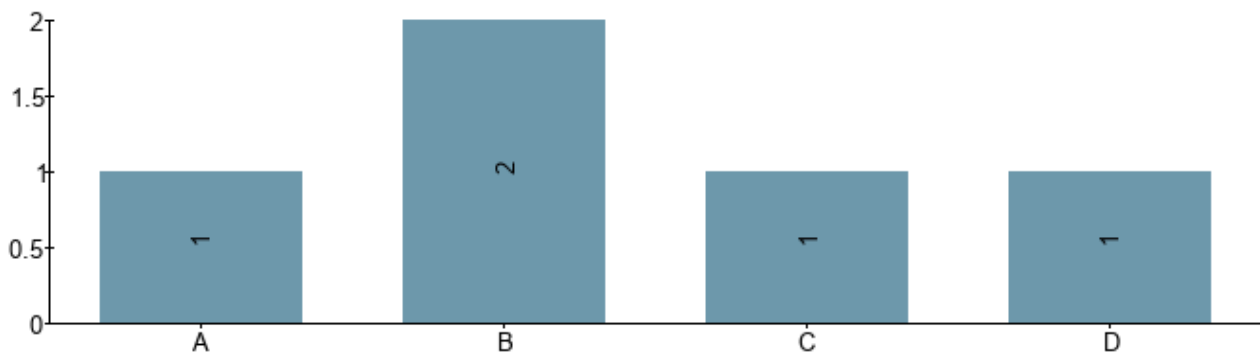
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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



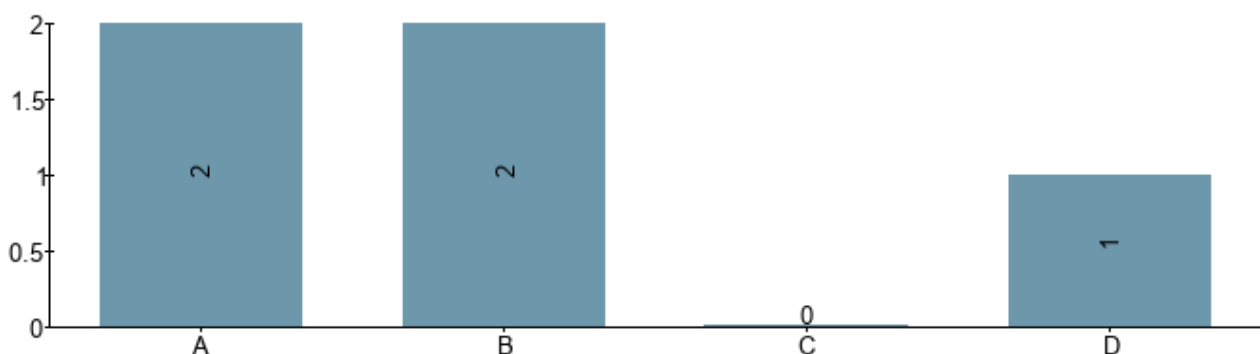
- A) To a very large extent
- B) To a large extent
- C) To some extent
- D) To a little extent or not at all

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 8 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 7 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 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

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.

5 of 18 students participated in evaluation. General course content was graded with 'C'. Specific comments were on parts 'Crystallography' and 'X-ray diffraction' and some were given related to the project organization. Project presentations were positively evaluated as a useful learning event.

Suggestions for changes to the next course date.

Course structure and content will be the same, describing facilities available at the department with more focus on SEM. Minor improvements in lecture materials will be done to keep lecture noted up-to-date. Content of parts "Crystallography" and "X-ray diffraction" will be discussed among course teachers aiming to coordinate content and improve learning. Project organization will be discussed to provide better learning of equipment, project tasks and timing will be formulated differently to increase the involvement of students in preparation and characterization of specimens.

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