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.

Computer Security II, 7.5 ETCS cr. (DVGC20)
Course convener: Tobias Pulls

Basic LADOK data

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Course Code:	DVGC20
Application Code:	34021
Semester:	VT-20
Start Week:	202004
End Week:	202013
Pace of Study:	50%
Form of Study:	Campus

Course Data

Number of questionnaires answered: 8

Number of first registrations[1]: 38

Changes suggested in the course analysis of the previous course date:
We changed the order of lectures within and between Computer Security I and II.

1. The contents and structure of the course has supported the achievement of the learning outcomes
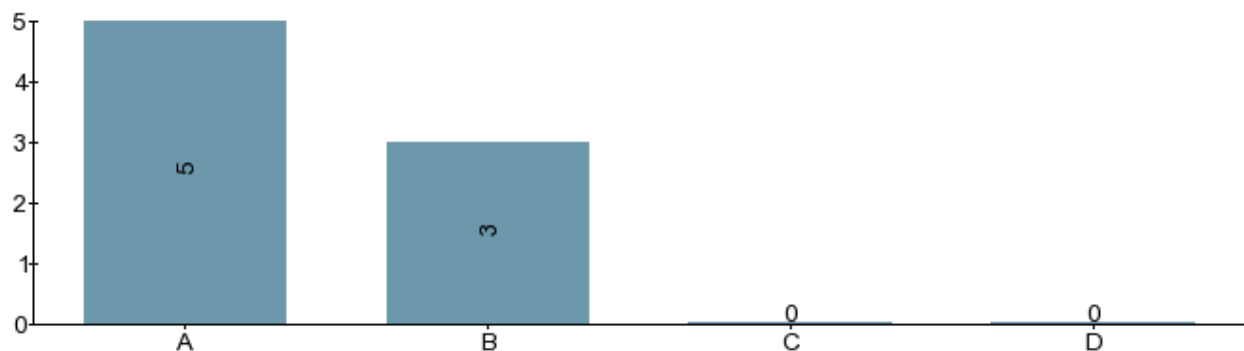
A) To a very large extent
B) To a large extent
C) To some extent
D) To a little extent or not at all

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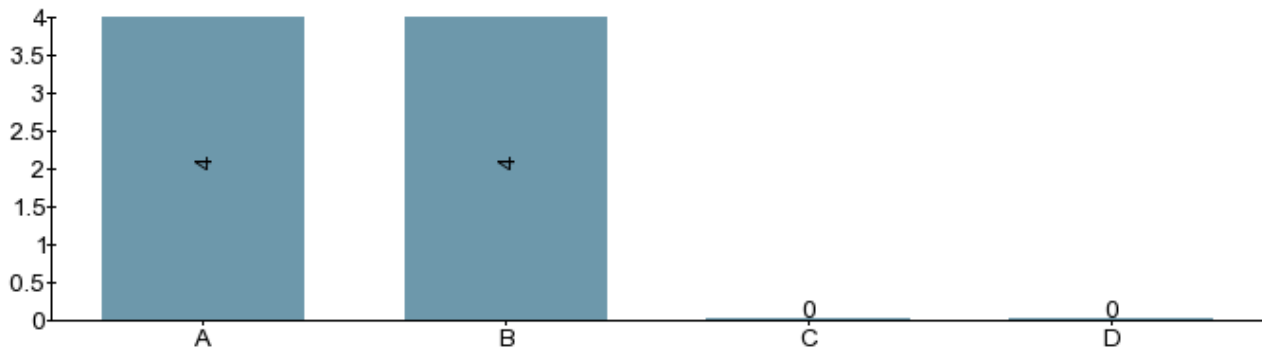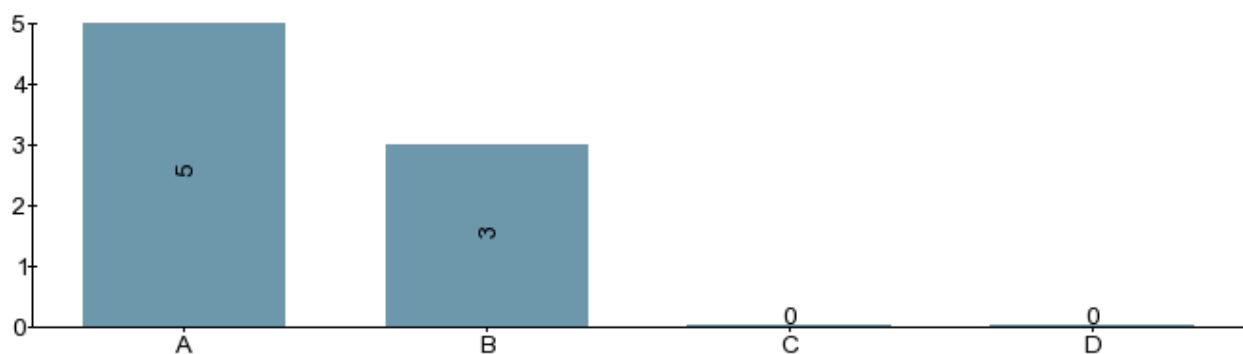

A) To a very large extent
B) To a large extent
C) To some extent
D) To a little extent or not at all

3. My workload (including scheduled activities and independent work) during the course has been
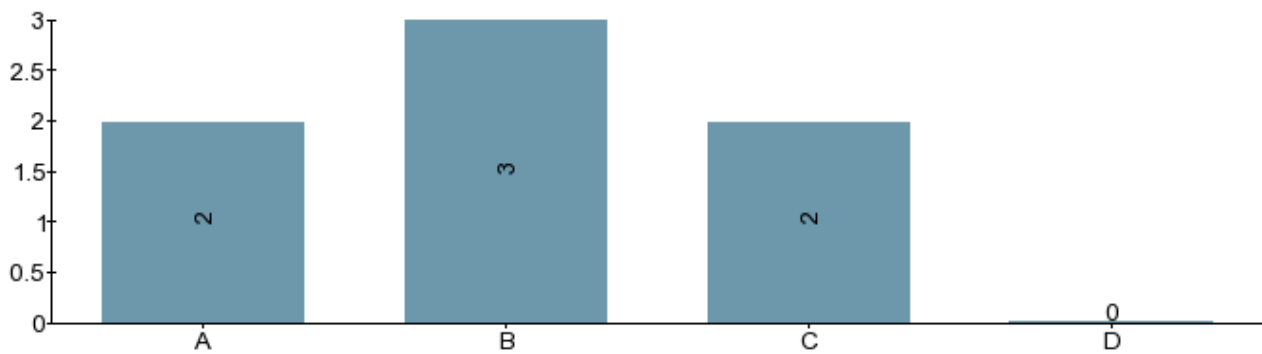
A) 40 hours per week or more (or 20 per week or more for courses given as half-time studies, 10 hours or more fc
B) Between 30 and 39 hours per week (or between 15 and 19 hours for courses given as half-time studies, or betw
C) Between 20 and 29 hours per week (or between 10 and 14 hours for courses given as half-time studies, or bet
D) Less than 20 hours per week (or less than 10 hours per week for courses given as half-time studies, or less tha

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.

In gist, the students appear mostly happy with the course. We also got some feedback during the oral part of the examination along similar lines as the comments.

Given the circumstances, we're reasonably happy with how the exam turned out. Two students commented on the exam in a negative light, because they were required to "try to learn and how to explain more things". This is likely due to several questions that required students to apply their knowledge from the course. This was done due to the format (a lot of time to answer a home exam and open book).

The students in particular liked the lectures that used menti and the chance to get points for the exam from assignments / advanced labs. This we will keep for next year.

Suggested improvements and things that should change relate to the connection between the first and second parts of the course. More applied crypto and less theory in the end (that there is no time left to apply). A fourth lab was suggested, or maybe a CTF, focused on building cryptographic systems.

Suggestions for changes to the next course date.

Reconsider the order of lectures again, like last year. The goal would be to make the course with the applied crypto content (be it Computer Security II or some other course) more coherent, probably by focusing more on cryptographic systems in the second half of the course. Good lectures could be TLS in more depth, Noise, Wireguard, secure messaging, Tor, Certificate Transparency, and maybe even basics of blockchains.

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