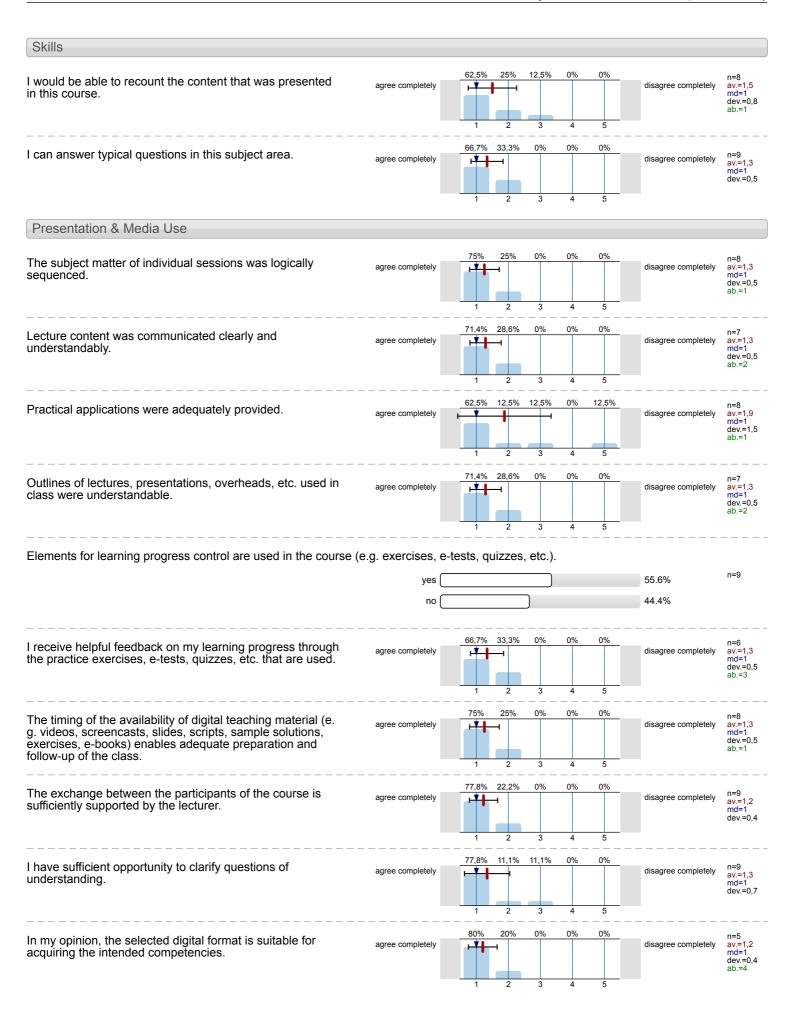
Dr.-Ing. Mohammad Hamad



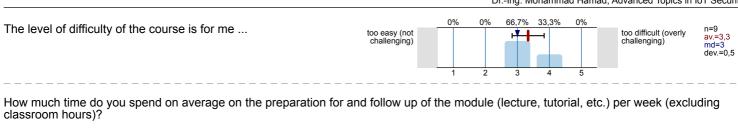
Advanced Topics in IoT Security (SoSe 22) Erfasste Fragebögen = 9

Survey Results

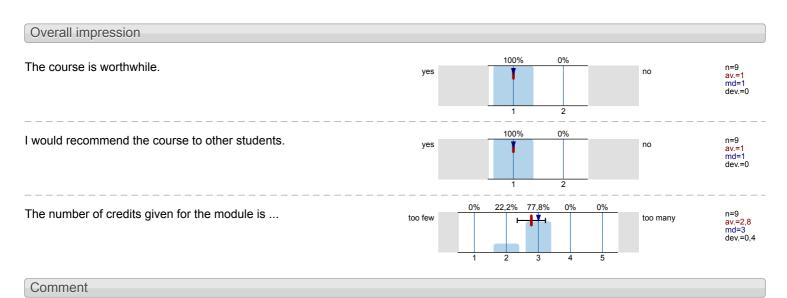
Legend Relative Frequencies of answers Std. Dev. Median Mean n=No. of responses av.=Mean md=Median dev.=Std. Dev. ab.=Abstention 0% 50% 0% Question text Left pole Right pole Scale Histogram Organization and Curriculum How is this course organized? n=9 0% In a pure online teaching format 88.9% In a pure classroom format In a hybrid format with classroom and online sessions 11.1% How often have you used the digitally provided material of this couse (e.g. videos, presentations, script)? n=9 11.1% never seldom 11.1% now and then 0% regularly 66.7% not applicable 11.1% Currently, various tools for digital teaching are being used. Below is a list of common tools. How do you evaluate the use of the tools in this course: 11,1% 11,1% n=9 av.=1,4 md=1 dev.=1 moodle very helpful not helpful n=4 av.=1,3 md=1 dev.=0,5 ab.=4 75% 25% 0% 0% 0% Zoom very helpful -not helpful n=6 av.=1,3 md=1 dev.=0,5 ab.=3 66,7% 33,3% 0% 0% 0% Panopto not helpful very helpful 75% n=4 av.=1,8 md=2 dev.=0,5 ab.=4 Is another tool being used? A hybrid format requires a high level of self-motivation of its participants. How do you cope? n=9 I can also motivate myself well in a hybrid teaching format. 44.4% I find it rather difficult to motivate myself in a hybrid format. 0% not applicable 55.6%



Lecturer and learning environment The lecturer... 100% n=9 av.=1 md=1 dev.=0 ...was readily available for questions/guidance. agree completely disagree completely 77,8% 22,2% 0% 0% n=9 av.=1,2 md=1 dev.=0,4 ... seemed well prepared. agree completely disagree completely 100% n=9 av.=1 md=1 dev.=0 ...showed interest in students' success. agree completely disagree completely 77,8% 22,2% ...provided clear and understandable explanations of n=9 av.=1,2 md=1 dev.=0,4 agree completely disagree completely solutions. 100% 0% 0% ...was responsive to student comments and questions. n=9 disagree completely agree completely av.=1 md=1 dev.=0 General information Semester: 0% 22.2% 11.1% 66.7% 0% 0% 0% 0% 9 or higher Course of Studies / Department (if not EI) n=9 Master El 44 4% MSCE 55.6% Requirements and effort My prior knowledge level for this course is ... more than enough, I already knew everything not enough The time needed for preparation and follow up to the n=9 av.=3,6 md=3 very little too much course is ... dev.=0,7







Do you think this teacher should get a lecturer prize? If yes, please write an email to jury@fs.ei.tum.de

Comments Report

Organization and Curriculum

Which other tool is used and how helpful is it?

Mostly some links and external tools that were helpful to understand the content

Do you have general comments on the tools used in this course?

- No
- No, it is perfect I think.
- None, sufficiently used
- The lecturer explains the course structure very well, answers our questions well, and he is also a nice person :)
- They were all good.
- This being in-person, we only really use a projector and PowerPoint, which are fine as they are:)

Comment

What I like about the course:

- Arrangement and give students chance to present more and flexible time slot for students
- Exchange with other students and the atmosphere
- Listening to other presentations broadened my understanding of security. It was really fun to have healthy discussions on the presented topic during the sessions.
- Self study of the topic helps to understand specific areas in the IoT Security. In addition, regular presentations allow students to share and to exchange knowledge in different research directions.
- That we can really practice the presentation skills and have discussions with classmates and teacher.
- The discussion that is carried out and the wide range of topics
- The discussions in the classroom I feel that is unique and valuable. The lecturer is a skilled mediator and motivates everyone to contribute.
- The interactive nature improves our presentation skills.

My suggestions for improving the course:

- An improvement will be some starting lectures on how to find papers and if the prof can give some feedback on our paper structure. Also if the lecture or papers are available after the course for any reference.
- Extend the duration of the lecture session (e.g. up to 3 hours). It gives enough time for the presentations and for the solving of the organisation questions.
- I'm sometimes a bit confused about the research direction that I should follow. A little bit more suggestions on that would be really helpful.
- May be sometimes we have external listerner.
- None
- Not have any
- The information was always delivered clearly and on-time, and the sessions were all well organized. However, with this being a seminar, one could potentially also consider inviting external speakers to talk about their work and research time and resources permitting. This could improve the overall experience of the participants and increase the learning outcome.

Do you have any general feedback on the digitisation of this course?

- IT will be great if the course was digital.
- No
- No digital
- None

- Not applicable (this is an in-person class)
- The course is well structured and allows the student to learn and exchange different areas in the IoT Security domain.

Profile

Subunit:

Fakultät für Elektrotechnik und Informationstechnik

Name of the instructor: Name of the course: (Name of the survey) Dr.-Ing. Mohammad Hamad Advanced Topics in IoT Security

Comparative line:

SoSe22 Profillinienvergleich 157 Umfragen - EN

Values used in the profile line: Mean

Organization and Curriculum

moodle

Zoom

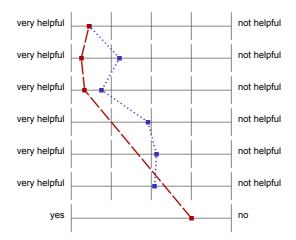
Panopto

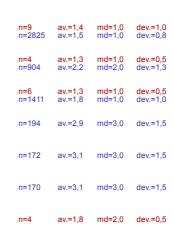
LRZ Meet (jitsi) (*)

BigBlueButton (BBB) (*)

DFNconf (*)

Is another tool being used?

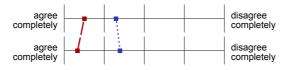




Skills

I would be able to recount the content that was presented in this course.

I can answer typical questions in this subject area.



n=8	av.=1,5	md=1,0	dev.=0,8
n=2941	av.=2,3	md=2,0	dev.=1,0
n=9	av.=1,3	md=1,0	dev.=0,5
n=2923	av.=2,4	md=2,0	dev.=1,0

Presentation & Media Use

The subject matter of individual sessions was logically sequenced.

Lecture content was communicated clearly and understandably.

 $\label{provided} \mbox{Practical applications were adequately provided}.$

Outlines of lectures, presentations, overheads, etc. used in class were understandable.

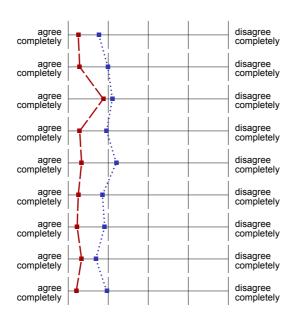
I receive helpful feedback on my learning progress through the practice exercises, e-tests, quizzes, etc. that are used.

The timing of the availability of digital teaching material (e.g. videos, screencasts, slides, scripts, sample solutions, exercises, e-books) enables

The exchange between the participants of the course is sufficiently supported by the lecturer.

I have sufficient opportunity to clarify questions of understanding.

In my opinion, the selected digital format is suitable for acquiring the intended competencies.



n=8	av.=1,3	md=1,0	dev.=0,5
n=2922	av.=1,8	md=2,0	dev.=0,9
n=7	av.=1,3	md=1,0	dev.=0,5
n=2931	av.=2,0	md=2,0	dev.=1,1
n=8	av.=1,9	md=1,0	dev.=1,5
n=2865	av.=2,1	md=2,0	dev.=1,1
n=7	av.=1,3	md=1,0	dev.=0,5
n=2878	av.=2,0	md=2,0	dev.=1,0
n=6	av.=1,3	md=1,0	dev.=0,5
n=2311	av.=2,2	md=2,0	dev.=1,2
n=8	av.=1,3	md=1,0	dev.=0,5
n=2807	av.=1,9	md=2,0	dev.=1,1
n=9	av.=1,2	md=1,0	dev.=0,4
n=2752	av.=1,9	md=2,0	dev.=1,1
n=9	av.=1,3	md=1,0	dev.=0,7
n=2839	av.=1,7	md=1,0	dev.=0,9
n=5	av.=1,2	md=1,0	dev.=0,4
n=2163	av.=2,0	md=2,0	dev.=1,1

Lecturer and learning environment

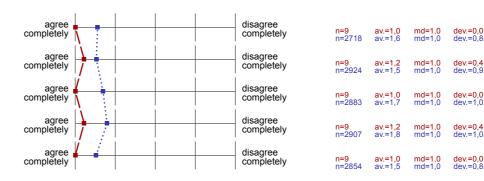
...was readily available for questions/guidance.

... seemed well prepared.

...showed interest in students' success.

 \dots provided clear and understandable explanations of solutions.

...was responsive to student comments and

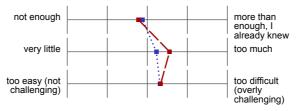


Requirements and effort

My prior knowledge level for this course is ...

The time needed for preparation and follow up to the course is \dots

The level of difficulty of the course is for me ...



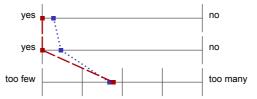
n=9	av.=2,8	md=3,0	dev.=1,0
n=2960	av.=2,9	md=3,0	dev.=0,8
n=9	av.=3,6	md=3,0	dev.=0,7
n=2959	av.=3,2	md=3,0	dev.=0,8
n=9	av.=3,3	md=3,0	dev.=0,5
n=2954	av.=3,3	md=3,0	dev.=0,7

Overall impression

The course is worthwhile.

I would recommend the course to other students.

The number of credits given for the module is \dots



n=9	av.=1,0	md=1,0	dev.=0,0
n=2951	av.=1,1	md=1,0	dev.=0,3
n=9	av.=1,0	md=1,0	dev.=0,0
n=2937	av.=1,1	md=1,0	dev.=0,3
n=9	av.=2,8	md=3,0	