



An

Herr Michael Eichberg

persönlich

Auswertungsbericht Lehrveranstaltungsevaluation an die Lehrenden

Sehr geehrte/r Michael Eichberg,

in diesem Bericht finden Sie die Ergebnisse der automatisierten Auswertung der Lehrveranstaltungsevaluation Ihrer Veranstaltung

Software Engineering - Design and Construction

Semester: SS15.

Auf der ersten Seite des Auswertungsberichts wird zunächst die Art der Ergebnisdarstellung erläutert (vgl. Legende), daraufhin folgen die detaillierten Ergebnisse (Häufigkeitsverteilungen, Mittelwerte).

Im zweiten Teil des Berichts werden die Ergebnisse in Form von Profillinien dargestellt (Schnellüberblick).

Am Ende finden sich die Antworten der Studierenden auf die offenen Fragen, die als Bilder eingescannt wurden.

Wir empfehlen, die Ergebnisse der Fragebogenaktion den Studierenden vorzustellen und zeitnah mit ihnen zu besprechen! So haben Sie die Möglichkeit, Ihren Studierenden gezielt Fragen zu stellen und es fördert zudem die Motivation der Studierenden, an weitere Befragungen dieser Art teilzunehmen.

Für Rückfragen stehen wir Ihnen natürlich gerne zur Verfügung:

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Mit freundlichen Grüßen,

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HINWEIS: Dieses Schreiben wurde automatisch generiert.

Hochschuldidaktische
Arbeitsstelle

Center for Development and
Research in Higher Education

Lehrveranstaltungsevaluation

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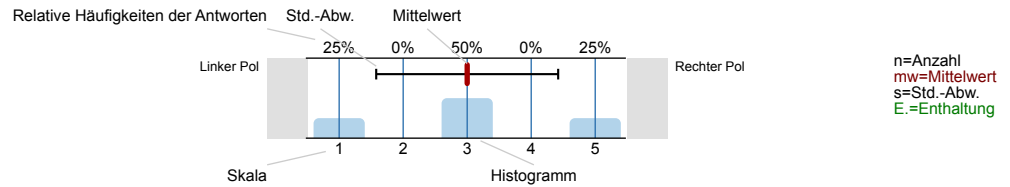
Hochschuldidaktische Arbeitsstelle
AB Evaluation
S1 03/ 155 A

Hochschulstraße 1
64289 Darmstadt

Auswertungsteil der geschlossenen Fragen

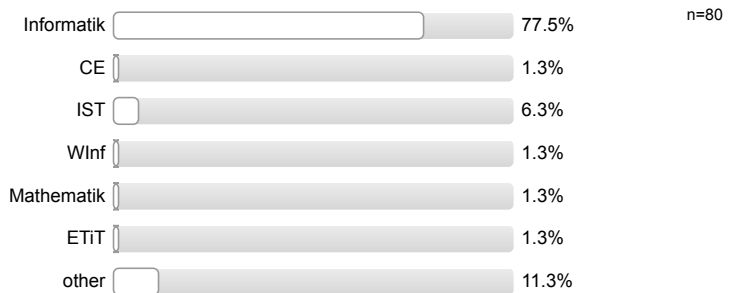
Legende

Frage



1. Personal Information

1.1. What subject are you studying?



1.3. Degree sought?



1.4. Semester?



1.5. Gender

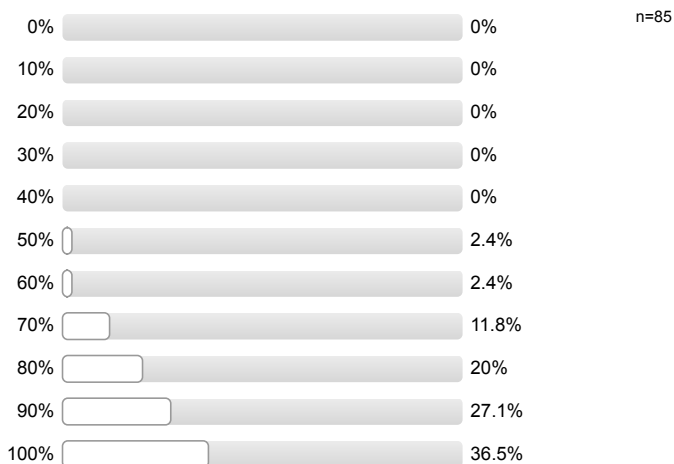


1.6. In which country did you obtain your university admission?



2. The lecture

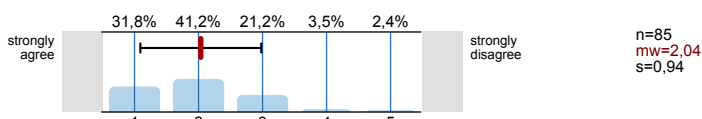
2.1. I attended the lecture ... % of the time:



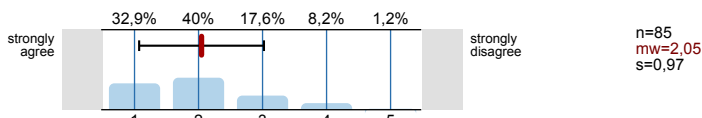
2.2. For which reasons did you not attend the lecture regularly? (more than one answer possible)



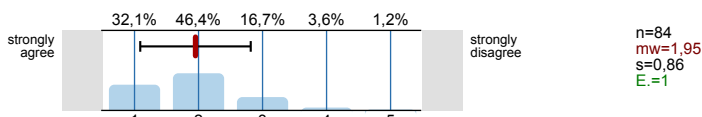
2.4. The content of the course is well-structured and easy to follow.



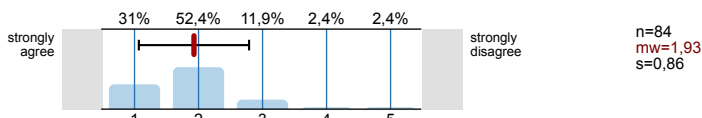
2.5. The learning objectives of the course are clear.



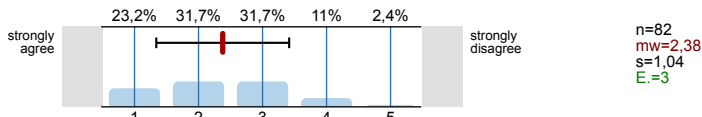
2.6. The instructor is able to explain complex concepts and issues clearly.



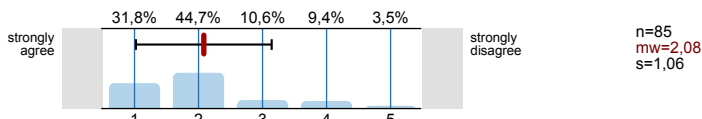
2.7. Examples are used to clearly illustrate concepts.



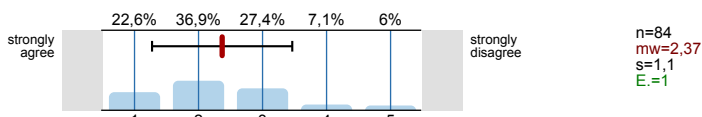
2.8. The lecturer referred to current research.



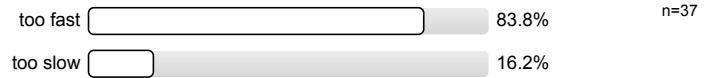
2.9. The connection between theory and practice was established.



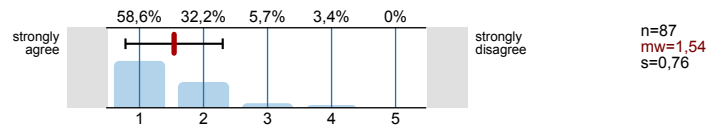
2.10. The speed of the lecture was adequate.



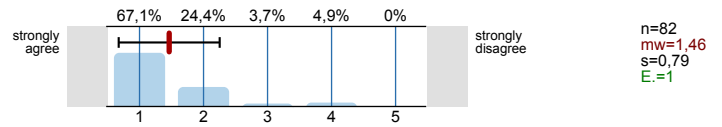
2.10a If the speed of the lecture was not adequate:



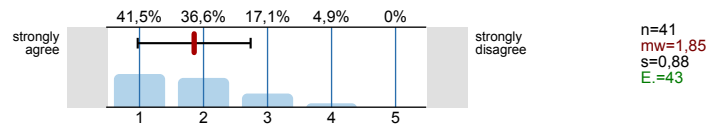
2.11. The lecturer was well prepared.



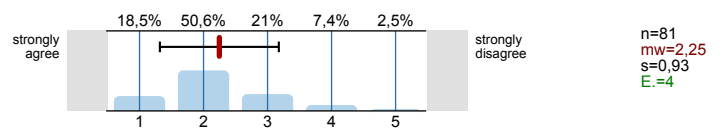
2.12. The instructor is able to respond appropriately to student questions and contributions.



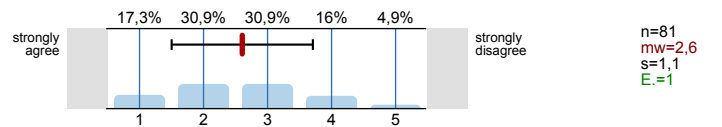
2.13. The lecturer could be reached outside the lecture.



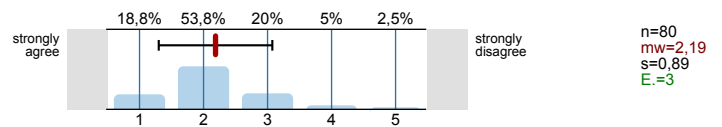
2.14. The instructor is able to motivate students to participate and engage with course themes.



2.15. The lecture motivated me to occupy myself with the topics on my own.

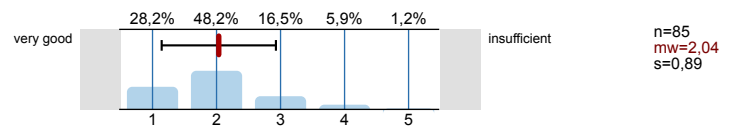


2.16. The teaching aids (scripts, textbooks, references to the literature, slides) supported my studies effectively.



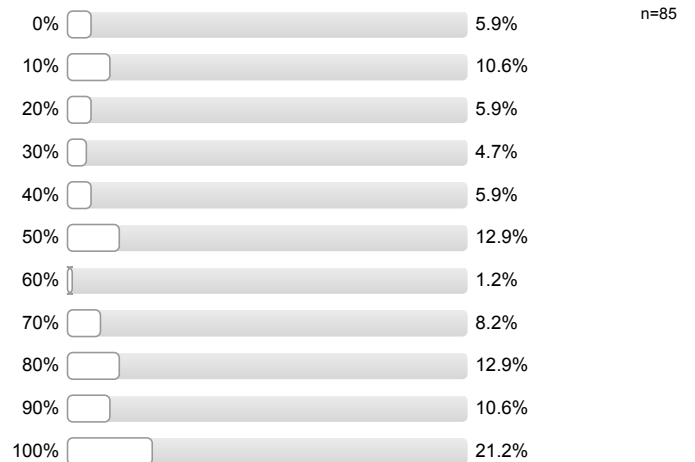
Auto-Gruppe

How would you rate the lecture (without exercises)?

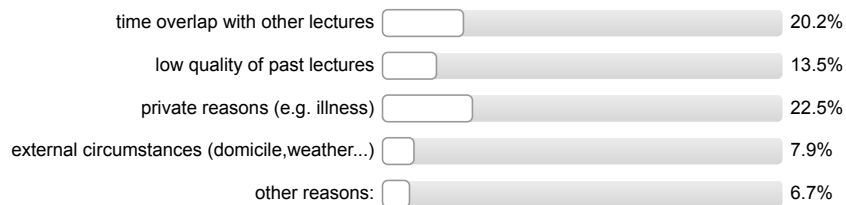


3. Assessment of the exercises (only for lectures with exercises)

3.1. I attended the exercises ... % of the time:

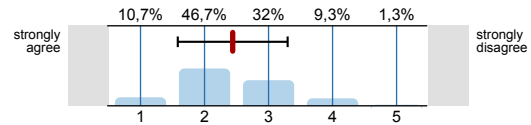


3.2. What were your reasons for not attending? (more than one answers possible)



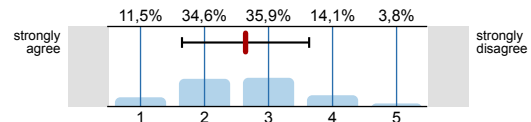
n=89

3.4. The exercises were clearly structured.



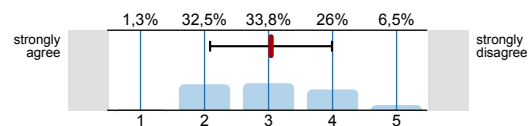
n=75
mw=2.44
s=0.86
E.=7

3.5. I learned a lot through the exercises and assignments.



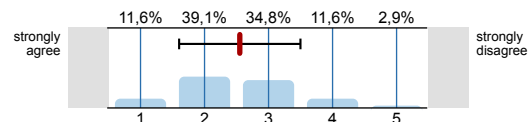
n=78
mw=2.64
s=0.99
E.=6

3.6. The exercises were very motivating.



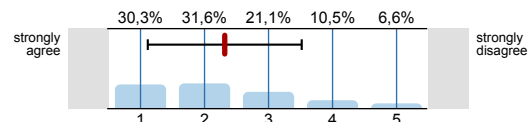
n=77
mw=2.04
s=0.95
E.=5

3.7. The teaching assistant did a good job.



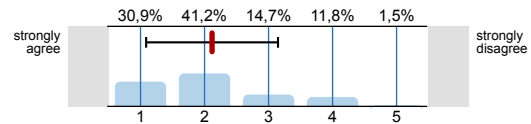
n=69
mw=2.55
s=0.95
E.=9

3.8. The topics of the exercises were always well coordinated with the topics of the lecture.



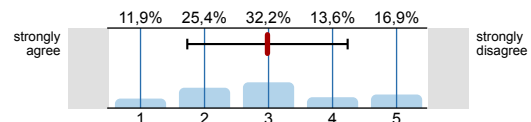
n=76
mw=2.32
s=1.2
E.=7

3.9. The lecturer used electronic platforms (forums, mailing lists, wikis, websites) in a reasonable and helpful way.



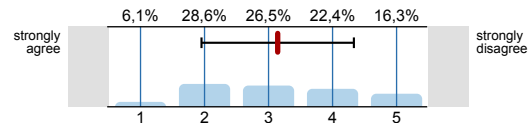
n=68
mw=2.12
s=1.03
E.=11

3.10. The ratio of students to teaching staff was adequate.



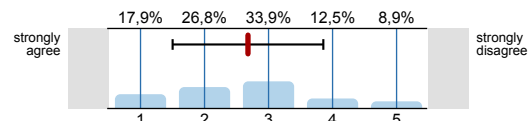
n=59
mw=2.98
s=1.25
E.=22

3.11. The size of the group was adequate.



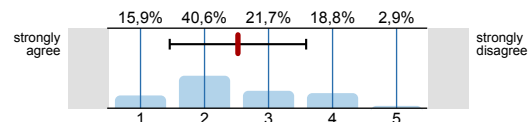
n=49
mw=3.14
s=1.19
E.=32

3.12. The room was suitable for working and learning.



n=56
mw=2.68
s=1.18
E.=24

3.13. The level of the exercises was adequate.



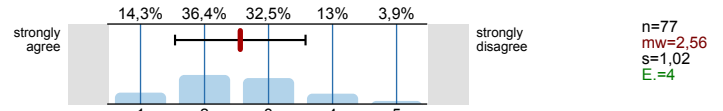
n=69
mw=2.52
s=1.07
E.=9

3.13a If the level of the exercise was not adequate:

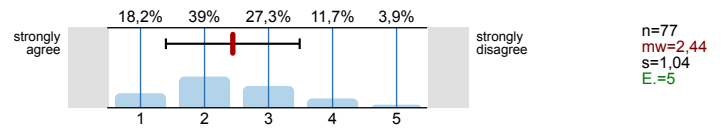


n=28

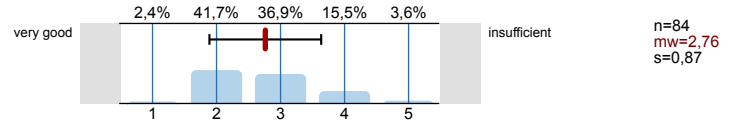
3.14. The exercises (homework, tests) were well organized throughout the semester.



3.15. The lecturer provided enough exercise material.

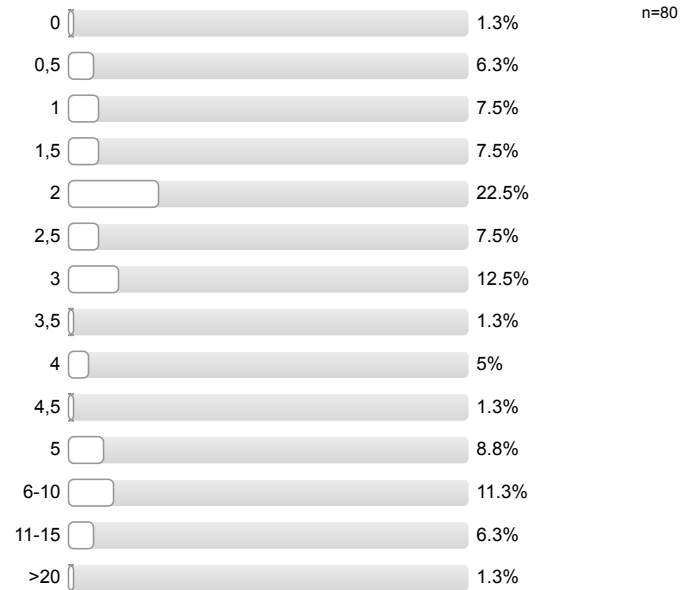


How would you rate the exercise?

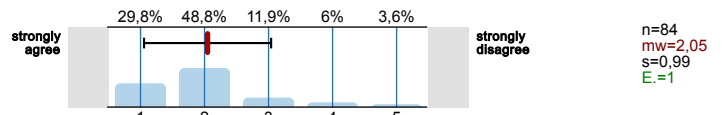


4. General assessment of the lecture and exercises

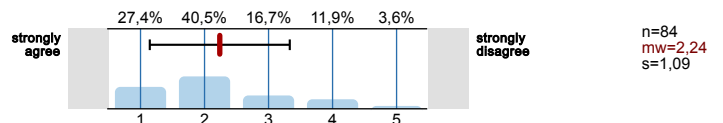
4.1. In addition to visiting the lectures and the exercises/assignments I spent the following number of hours per week on solving the exercises:



4.2. My previous knowledge allowed me to follow the lecture.

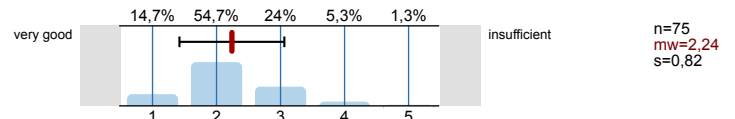


4.3. I would recommend this lecture to a friend.



Auto-Gruppe

I would give the course the following overall grade:

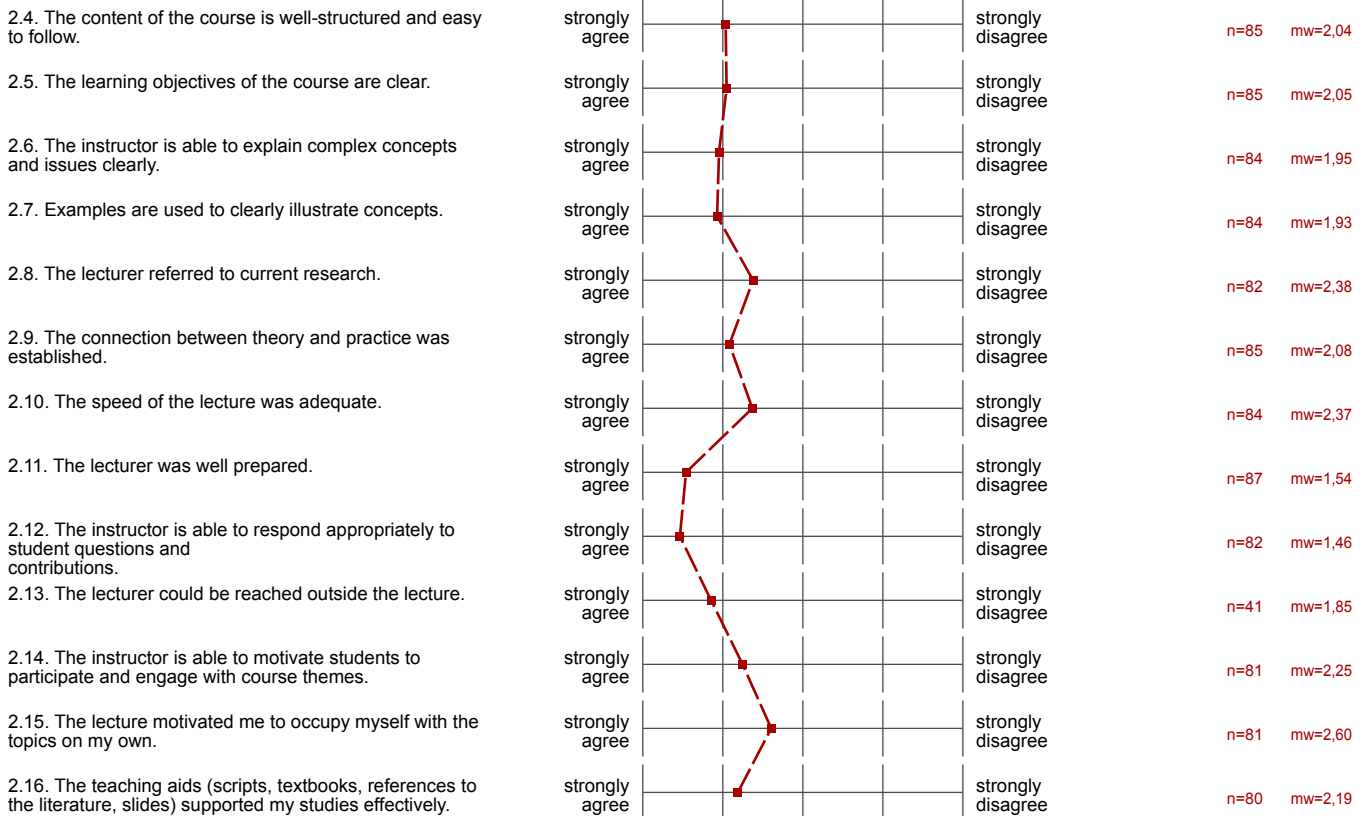


Profillinie

Teilbereich: FB 20
 Name der/des Lehrenden: Michael Eichberg
 Titel der Lehrveranstaltung: Software Engineering - Design and Construction
 (Name der Umfrage)

Verwendete Werte in der Profillinie: Mittelwert

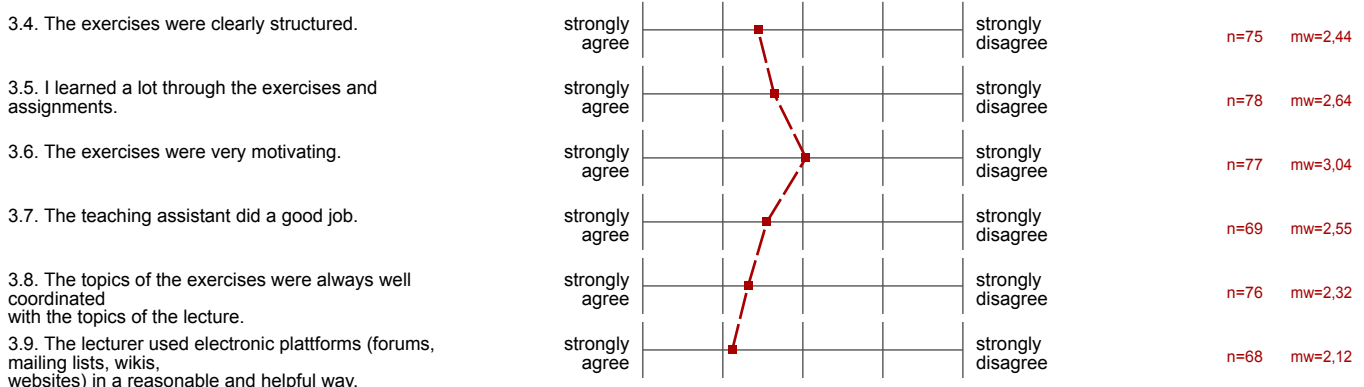
2. The lecture

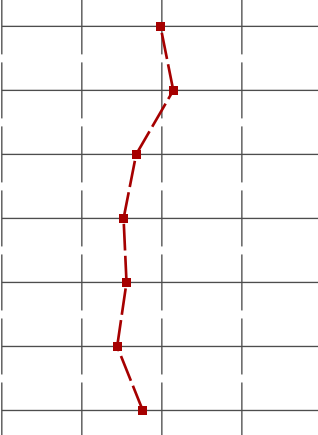


Auto-Gruppe

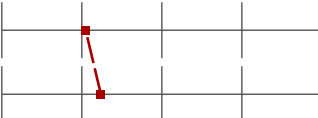


3. Assessment of the exercises (only for lectures with exercises)



3.10. The ratio of students to teaching staff was adequate.	strongly agree		strongly disagree	n=59	mw=2,98
3.11. The size of the group was adequate.	strongly agree		strongly disagree	n=49	mw=3,14
3.12. The room was suitable for working and learning.	strongly agree		strongly disagree	n=56	mw=2,68
3.13. The level of the exercises was adequate.	strongly agree		strongly disagree	n=69	mw=2,52
3.14. The exercises (homework, tests) were well organized throughout the semester.	strongly agree		strongly disagree	n=77	mw=2,56
3.15. The lecturer provided enough exercise material.	strongly agree		strongly disagree	n=77	mw=2,44
How would you rate the exercise?	very good		insufficient	n=84	mw=2,76

4. General assessment of the lecture and exercises

4.2. My previous knowledge allowed me to follow the lecture.	strongly agree		strongly disagree	n=84	mw=2,05
4.3. I would recommend this lecture to a friend.	strongly agree		strongly disagree	n=84	mw=2,24

Auto-Gruppe

I would give the course the following overall grade:	very good		insufficient	n=75	mw=2,24
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1. Personal Information

1.2. If other, please specify:

Distributed Software Systems.

DSS

DSS

Distributed Software Systems

Autonomous Systems

Distributed software Systems

Distributed SW Systems.

IT Security

Distributed Software Systems

Distributed Software Systems

Distributed Software Systems

DSS

DSS

DSS

~~DSS~~ DSS

2. The lecture

2.3. Other reasons for not attending the lecture regularly:

child to take care of

Bad english of lecturer (pronunciation)

Bad english mixed with too strong self-confidence

Die Bahn

n.a.

clash with concept of programming lang

n.a.

SEP

Often the content of the lecturer doesn't fit with the slides

SEP

n.a.

3. Assessment of the exercises (only for lectures with exercises)

3.3. Other reasons for not attending the exercises regularly:

easier to compare own solution to example solution on its own.
easier

Scala is not fun

illness

Work

Clash with concept of programming language...

could compare the solution at home

Scala is very difficult for me. Lost time in learning!

SEP

DIFFICULT CODING EXERCISES

sample solution online, ~30 minutes not worth travelling to university

SEP

to don't spoiler myself

The code was not explained well. Attended regularly initially. Did not

4. General assessment of the lecture and exercises

4.4. What did you especially like in this lecture and exercise?

~~too many questions about Scala specifics which we might not have~~
~~concrete~~ useful knowledge

very good lecturer, good slides

Dr. Eichberg is explaining well his part.

The course content is really new; According to today's need & requirements. Give new insight to the programming concepts & coding techniques.

Funny Prof "

• close to nowadays Trends.

- Dr. Eichberg

- ~~Video lecture~~ Learning Scale, Re-Scale.

Content, concepts

I like the examples that prof. uses to explain topic.
I like that he doesn't just talk about topic but give background detail of it.

① choice of topics ② Teaching style ③ challenging exercises ④ Balance of programming with theory

the explanation of topics with ~~an~~ real time examples.

presentation of the reference solution and discussion

The Professor is very good

Concepts & Programming skills.

The teaching style and support of the professor.

Two mid-term exams with huge bonus forced me to learn the stuff.

THE TEACHING STYLE OF PROF. EICHBERG
BONUS EXAM, RELEVANT FOR FINAL EXAM
CONSTANT GUIDANCE OF TUTORS FOR LEARNING
the topics in the lecture

Manuel is a very good lecturer

Mr. Eichberg seems to be very familiar with the content

I like the way Dr. Eichberg explains and interprets
maybe the lecturer and his performance made me an exercise

Real analysis of code and daily-life situations in the
software design.

Midterm exam was very useful. Good examples were always used.

Scala as "main" language

the content is very informative

Content

The course content and the exercises given
motivated me to learn many new things

it teaches how to engineer good design.

- Mapping of programming with real world problems.
- Building up of concepts starting from the scratch.

How we can build & reuse code

This course teaches us the software engineering principles and design patterns which is very exciting to learn.

- learn a lot (2018 slides?)
- 4.5. - dates for rated exercise should be known in the beginning of semester
- to mind in exercise exam

Interesting and important topic.

"Entertaining" ~~and~~ ^{and} competent lecturer.

Scala +/- / Examples on the slides
→ Maybe discuss with more time

4.5. What did you especially dislike in this lecture and exercise or what improvements do you suggest?

Laut TUCAN ist die Unterrichtssprache deutsch. ~~Ich~~ Ich würde es begrüßen, wenn die Klausur zweisprachig ist, da Englisch nicht meine Muttersprache ist!

up to now, this lecture is like GOI 1 with scala, not interesting at all, I wanted to learn something ^{about} patterns.

too many questions about Scala specifics which we might not have come across or realized during the exercises
more examples to spot patterns needed

Bad english. Learn how to talk in english

more details about Scala, since they were relevant for the bonus exam.

make midterm grades public

- The Rescala part should take more time.
- Many different new stuff at the same time
- Scala - Rescala - Principles patterns ⇒ maybe should be

The content can be more extensive.

We need more exams like ~~exam~~ tasks in the exercises

Vorlesung ist im Netz ~~nicht bereit~~ ^{abwärts} aufgestellt (eigene Webseite, d720 form...)

→ Portierung nach Moodle?

More content on slides; Stronger coherence. Set with lectures and exercise, less focus on programming language features,

I didn't really learn that much about designing Software. The exercises stand in no relation to the lecture.

there's ~~no~~ less explanations for exercise.

- less scala /

- better exercises, smaller groups

- less scala

Lesson learned: Java sucks, use Scala. What does this have to do with design & construction? Choosing a language is often not freely possible.

- There could be a bonus included for the exercises, do motivate

- Students ~~to~~ more.

- Video lectures could be helpful

Don't force students to learn a new programming language (scala).

Students should not be forced to learn a new programming language (scala).

Strander focus must be on design patterns (more theory)

Lecture recordings would have been helpful, lecturer was too fast at times.

Not enough time after the completion of course to prepare & go through syllabus again i.e. Exams ~~is~~ too close to finishing of syllabus.

- ① syllabus seems unbounded ② speaking speed of Prof too fast to comprehend
- ③ Insufficient material for exam practice ④ Provide precise extra reading ^{more} for topics ⑤ Have two mid term exams.

little fast for understanding

The way of speaking of the instructor could be better...
Sometimes hard to understand

TOO fast & TOO complex ~~exercises~~ exercises

If teaching materials were more in slides, would be great.

i disliked parts of the scala syntax. Just too complicated to grasp when you're new to the language

Make exercises more efficient, i.e. less setup+issue stuff, more practice!

The exercise did not go into detail (SOLID), ~~Scala is not so in~~
Scala seems not to important for this ^{lecture} exercise, but the first 2-3 exercise ~~are~~ ^{are} quite scala.

NO LECTURE ON UML DIAGRAM
INADEQUATE EXAMPLES FOR SOLID PRINCIPLES

Please, don't talk like a waterfall. less words, more content

The teaching assistants (except Manuel) should take a seminar on historical/pedagogical things. Some we're not consider ^{available at all}

Mr. Eidberg often talks about things that do not correspond to the shown slide

I didn't like the way exercises were documented and sometimes misleading.

During the lecture, the lecturer spoke too fast at times. The exercise explanations lacked clearness although the provided solutions were satisfying.

The exam was more about being fast than about applying knowledge

All exercises should be graded (maybe in groups of 3), to get better feedback.

would be nice to get all exercises corrected (and bonus depending on extra exercise solutions)

the teaching style I don't like - better examples - more code to describe the issue would be better style

Speed of the lecture & SCALA

The mailing lists, announcements were not reachable (problem with disposable), the speed of the lecture was fast.

exercise sessions should be more comprehensive

Not a lot but the pace of the lecture is a little fast. A person with less programming language will face a lot of difficulties understanding the content

Speed is too fast.

The method followed to explain ~~exercise~~ exercise was not good. I felt the exercise was very difficult & dislike the scala part because it's quite hard, to have a good knowledge in this short

- slides published late, sometimes exercise at late too
- would be nice to have slides one day before lecture/exercise
- chaotic management - questions are not clear sometimes

Organisation of Bonus

publish all slides at beginning of semester

using a moodle course (or similar) for announcements, discussions, publishing of ^{personal} results (within exam).

Allow getting bonus continuously instead of single chance.

The task descriptions in the exercises were often misleading, e.g. for the DSL task you were asked to create certain animations with given DSL, only to learn from the solution that it was impossible. That's frustrating

~~The~~ The organisation of the announcement of the bonus was terrible. Why don't we use Moodle where you could have put in the points?

The Exercises ~~were~~ weren't too hard but very confusing.

~~The review~~ It wasn't clearly announced that the review is just in the one week.

Format of slides (not good for printing)
→ maybe a version without "Footer-Info"

The course is extremely difficult. Could hardly solve any exercise. Too less time to grasp concepts