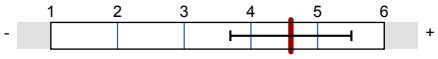
Prof. Dr. Oscar Nierstrasz

HS21 Einführung in Software Engineering (LK2420)
No. of responses = 7

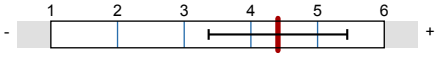
Overall indicators

Suitability of the exam form



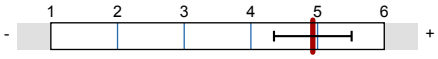
av.=4.6
dev.=0.91

Didactic coherence



av.=4.41
dev.=1.04

Learning success

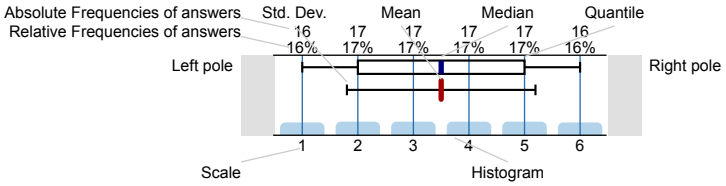


av.=4.93
dev.=0.58

Survey Results

Legend

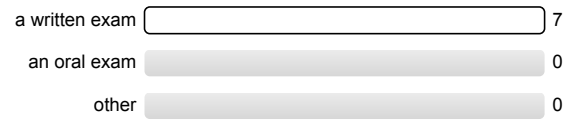
Question text



n=No. of responses
av.=Mean
md=Median
dev.=Std. Dev.
ab.=Abstention

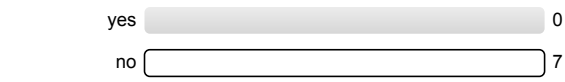
1. General information

1.1) The performance assessment was...



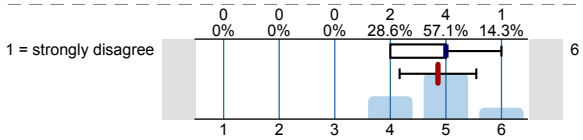
n=7

1.2) I already know my grade for this performance assessment.



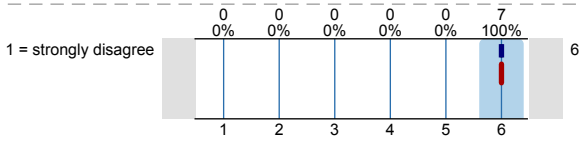
n=7

1.3) Organizational information about the performance assessment was available well in advance.



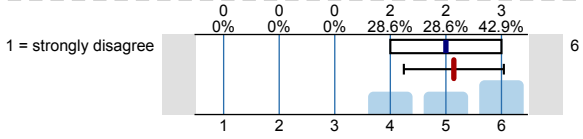
n=7
av.=4.86
md=5
dev.=0.69

1.4) I could register for the performance assessment without any complications.



n=7
av.=6
md=6
dev.=0

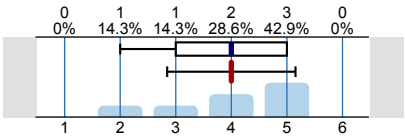
1.5) I was content with the external conditions of the performance assessment (room etc.)



n=7
av.=5.14
md=5
dev.=0.9

2. Coherence of learning outcomes - activities - content of exam

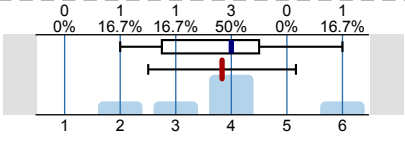
2.1) I was aware of the learning outcomes to be achieved in preparation for this performance assessment.



1 = strongly disagree — 6 = strongly agree

n=7
av.=4
md=4
dev.=1.15

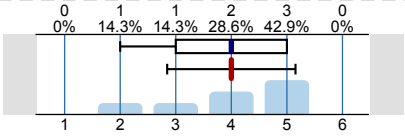
2.2) Achieving the learning outcomes helped me prepare for the performance assessment.



1 = strongly disagree — 6 = strongly agree

n=6
av.=3.83
md=4
dev.=1.33
ab.=1

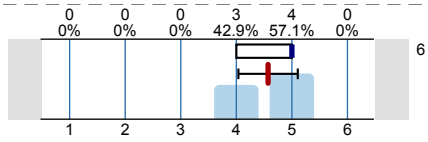
2.3) The learning outcomes of the course or the courses were reflected in the examination tasks.



1 = strongly disagree — 6 = strongly agree

n=7
av.=4
md=4
dev.=1.15

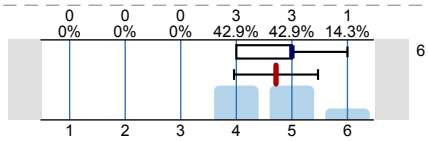
2.4) The content covered in the course or the courses prepared me appropriately for the performance assessment.



1 = strongly disagree — 6 = strongly agree

n=7
av.=4.57
md=5
dev.=0.53

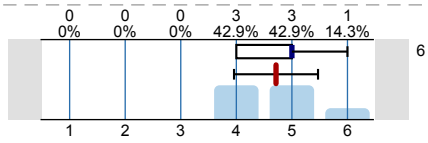
2.5) The structure of the learning content in the course or the courses was conducive to the understanding of the topic.



1 = strongly disagree — 6 = strongly agree

n=7
av.=4.71
md=5
dev.=0.76

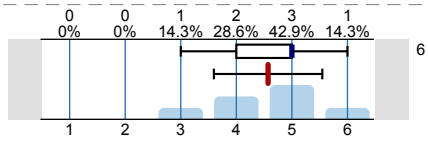
2.6) The course materials to assist learning (scripts, handouts, slides, exercises, course books, literature etc.) were useful in preparing for the performance assessment.



1 = strongly disagree — 6 = strongly agree

n=7
av.=4.71
md=5
dev.=0.76

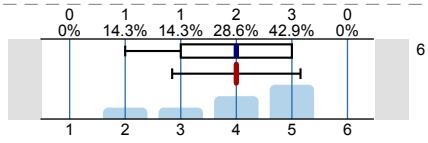
2.7) The learning activities offered in the course or the courses (application examples, exercises, Q&A sessions etc.) were helpful in preparing for the exam.



1 = strongly disagree — 6 = strongly agree

n=7
av.=4.57
md=5
dev.=0.98

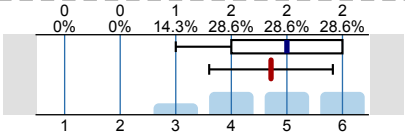
2.8) Feedback on my learning level that I received in the course or the courses encouraged me to study.



1 = strongly disagree — 6 = strongly agree

n=7
av.=4
md=4
dev.=1.15

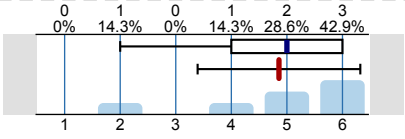
2.9) The teaching methods used in the course or the courses effectively supported me in achieving the learning outcomes.



1 = strongly disagree — 6 = strongly agree

n=7
av.=4.71
md=5
dev.=1.11

2.10) A common thread, linking the learning outcomes, learning activities and performance assessment, was noticeable.

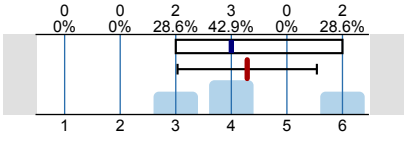


1 = strongly disagree — 6 = strongly agree

n=7
av.=4.86
md=5
dev.=1.46

3. Preparation for the exam

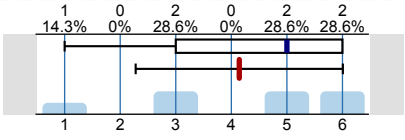
3.1) I started preparing for the performance assessment early on in the semester.



1 = strongly disagree — 6 = strongly agree

n=7
av.=4.29
md=4
dev.=1.25

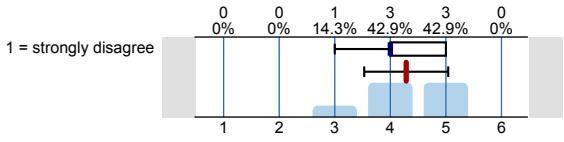
3.2) When preparing for the performance assessment, I used the defined learning outcomes as a guide.



1 = strongly disagree — 6 = strongly agree

n=7
av.=4.14
md=5
dev.=1.86

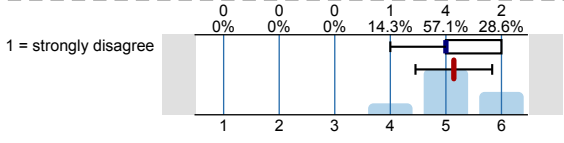
3.3) My learning strategies turned out to be useful in preparing for the performance assessment.



1 = strongly disagree 6 = strongly agree

n=7
av.=4.29
md=4
dev.=0.76

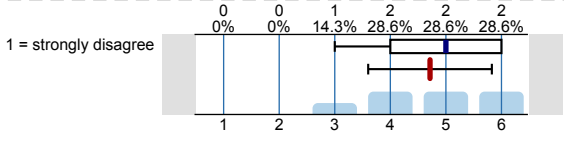
3.4) I focused on the most important points when preparing for the performance assessment.



1 = strongly disagree 6 = strongly agree

n=7
av.=5.14
md=5
dev.=0.69

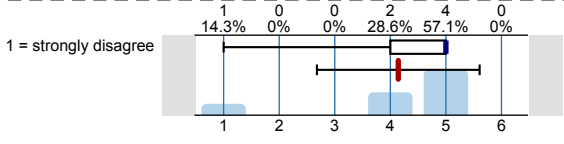
3.5) I took any opportunity provided during the course or the courses to assess my learning level in relation to the learning outcomes.



1 = strongly disagree 6 = strongly agree

n=7
av.=4.71
md=5
dev.=1.11

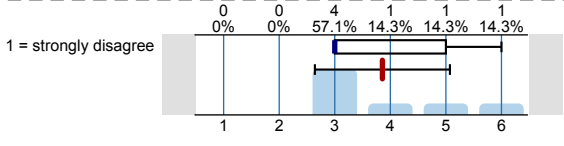
3.6) I regularly prepared for the sessions.



1 = strongly disagree 6 = strongly agree

n=7
av.=4.14
md=5
dev.=1.46

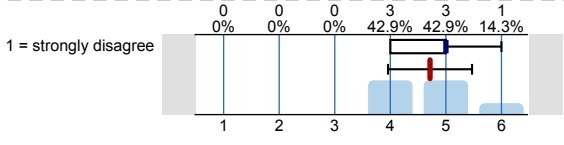
3.7) I regularly reviewed the material after the sessions.



1 = strongly disagree 6 = strongly agree

n=7
av.=3.86
md=3
dev.=1.21

3.8) With regard to the performance assessment, I used the available course information as best I could.



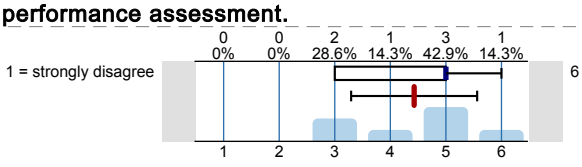
1 = strongly disagree 6 = strongly agree

n=7
av.=4.71
md=5
dev.=0.76

4. Suitability of the type of exam

The following questions refer exclusively to the type of performance assessment.

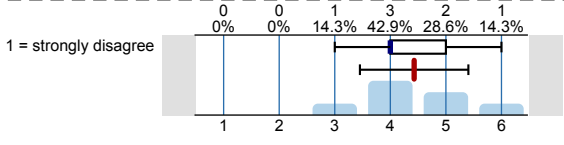
4.1) The type of this performance assessment is suitable for the content of the course or the courses.



1 = strongly disagree 6 = strongly agree

n=7
av.=4.43
md=5
dev.=1.13

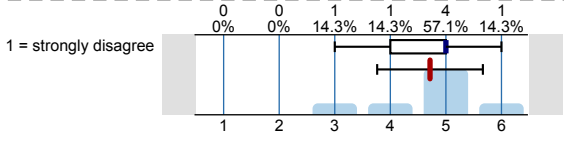
4.2) The type of this performance assessment is suitable for the competencies defined in the learning outcomes.



1 = strongly disagree 6 = strongly agree

n=7
av.=4.43
md=4
dev.=0.98

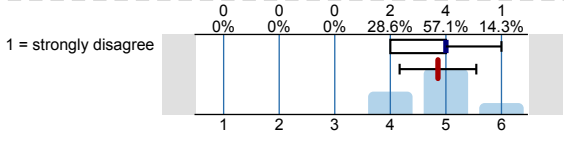
4.3) The type of this performance assessment is suitable for the contents that were tested.



1 = strongly disagree 6 = strongly agree

n=7
av.=4.71
md=5
dev.=0.95

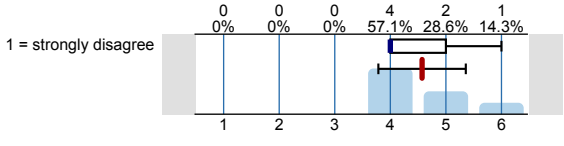
4.4) The type of this performance assessment allowed me to apply the acquired competencies.



1 = strongly disagree 6 = strongly agree

n=7
av.=4.86
md=5
dev.=0.69

4.5) The type of this performance assessment is appropriate for measuring the extent to which the learning outcomes have been achieved.

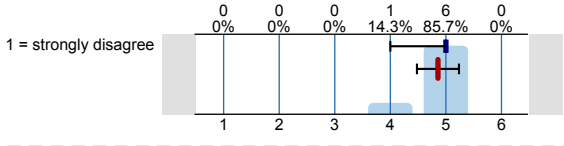


1 = strongly disagree 6 = strongly agree

n=7
av.=4.57
md=4
dev.=0.79

5. Learning success

5.1) This performance assessment showed me that I have achieved the learning outcomes.

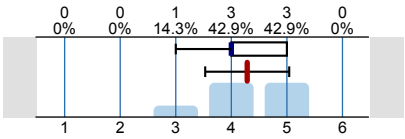


1 = strongly disagree 6 = strongly agree

n=7
av.=4.86
md=5
dev.=0.38

5.2) By completing this performance assessment, I feel encouraged in my learning.

1 = strongly disagree

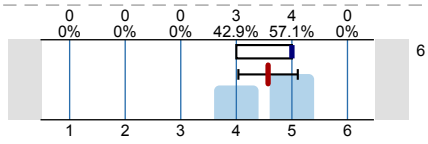


6 = strongly agree

n=7
av.=4.29
md=4
dev.=0.76

5.3) I have significantly developed my competencies by achieving the learning outcomes.

1 = strongly disagree

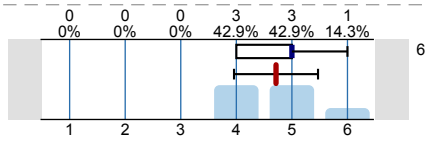


6 = strongly agree

n=7
av.=4.57
md=5
dev.=0.53

5.4) Because of the preceding course or courses, I would assess my personal learning success as convincing.

1 = strongly disagree

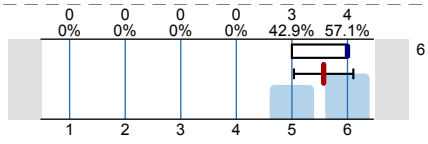


6 = strongly agree

n=7
av.=4.71
md=5
dev.=0.76

5.5) I think that, even a month after this performance assessment, I will be able to remember the essentials from this course/these courses.

1 = strongly disagree

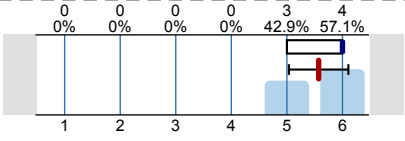


6 = strongly agree

n=7
av.=5.57
md=6
dev.=0.53

5.6) After this performance assessment, I am able to convey the most important insights into the topic to a fellow student.

1 = strongly disagree



6 = strongly agree

n=7
av.=5.57
md=6
dev.=0.53

6. Your comments

Thank you for your cooperation

Profile Line for Indicators

Subunit: Phil.-nat. Fakultät
Name of the instructor: Prof. Dr. Oscar Nierstrasz
Name of the course: (Name of the survey) Einführung in Software Engineering (LK2420)

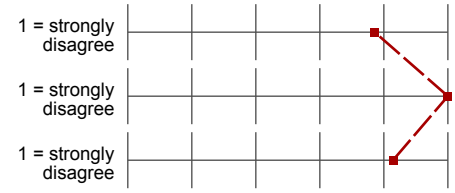
Suitability of the exam form	- +	av.=4.60	dev.=0.91
Didactic coherence	- +	av.=4.41	dev.=1.04
Learning success	- +	av.=4.93	dev.=0.58

Profile

Subunit: Phil.-nat. Fakultät
Name of the instructor: Prof. Dr. Oscar Nierstrasz
Name of the course: (Name of the survey) Einführung in Software Engineering (LK2420)

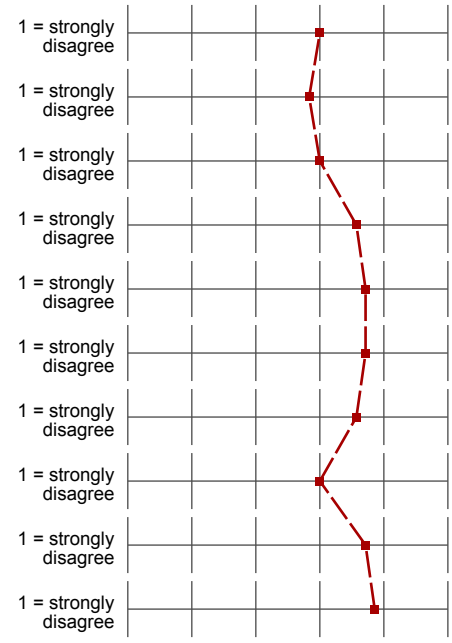
Values used in the profile line: Mean

1. General information



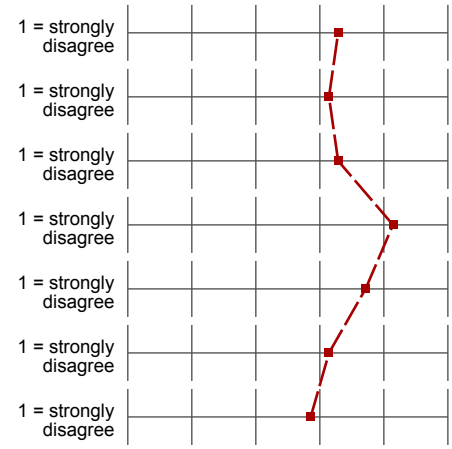
1.3)	Organizational information about the performance assessment was available well in advance.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.86	md=5.00	dev.=0.69
1.4)	I could register for the performance assessment without any complications.	1 = strongly disagree	6 = strongly agree	n=7	av.=6.00	md=6.00	dev.=0.00
1.5)	I was content with the external conditions of the performance assessment (room etc.)	1 = strongly disagree	6 = strongly agree	n=7	av.=5.14	md=5.00	dev.=0.90

2. Coherence of learning outcomes - activities - content of exam



2.1)	I was aware of the learning outcomes to be achieved in preparation for this performance assessment.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.00	md=4.00	dev.=1.15
2.2)	Achieving the learning outcomes helped me prepare for the performance assessment.	1 = strongly disagree	6 = strongly agree	n=6	av.=3.83	md=4.00	dev.=1.33
2.3)	The learning outcomes of the course or the courses were reflected in the examination tasks.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.00	md=4.00	dev.=1.15
2.4)	The content covered in the course or the courses prepared me appropriately for the performance assessment.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.57	md=5.00	dev.=0.53
2.5)	The structure of the learning content in the course or the courses was conducive to the understanding of the topic.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.71	md=5.00	dev.=0.76
2.6)	The course materials to assist learning (scripts, handouts, slides, exercises, course books, literature etc.) were useful in preparing for the	1 = strongly disagree	6 = strongly agree	n=7	av.=4.71	md=5.00	dev.=0.76
2.7)	The learning activities offered in the course or the courses (application examples, exercises, Q&A sessions etc.) were helpful in preparing	1 = strongly disagree	6 = strongly agree	n=7	av.=4.57	md=5.00	dev.=0.98
2.8)	Feedback on my learning level that I received in the course or the courses encouraged me to study.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.00	md=4.00	dev.=1.15
2.9)	The teaching methods used in the course or the courses effectively supported me in achieving the learning outcomes.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.71	md=5.00	dev.=1.11
2.10)	A common thread, linking the learning outcomes, learning activities and performance assessment, was noticeable.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.86	md=5.00	dev.=1.46

3. Preparation for the exam



3.1)	I started preparing for the performance assessment early on in the semester.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.29	md=4.00	dev.=1.25
3.2)	When preparing for the performance assessment, I used the defined learning outcomes as a guide.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.14	md=5.00	dev.=1.86
3.3)	My learning strategies turned out to be useful in preparing for the performance assessment.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.29	md=4.00	dev.=0.76
3.4)	I focused on the most important points when preparing for the performance assessment.	1 = strongly disagree	6 = strongly agree	n=7	av.=5.14	md=5.00	dev.=0.69
3.5)	I took any opportunity provided during the course or the courses to assess my learning level in relation to the learning outcomes.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.71	md=5.00	dev.=1.11
3.6)	I regularly prepared for the sessions.	1 = strongly disagree	6 = strongly agree	n=7	av.=4.14	md=5.00	dev.=1.46
3.7)	I regularly reviewed the material after the sessions.	1 = strongly disagree	6 = strongly agree	n=7	av.=3.86	md=3.00	dev.=1.21

3.8)	With regard to the performance assessment, I used the available course information as best I could.	1 = strongly disagree		6 = strongly agree	n=7	av.=4.71	md=5.00 dev.=0.76

4. Suitability of the type of exam

4.1)	The type of this performance assessment is suitable for the content of the course or the courses.	1 = strongly disagree		6 = strongly agree	n=7	av.=4.43	md=5.00 dev.=1.13
4.2)	The type of this performance assessment is suitable for the competencies defined in the learning outcomes.	1 = strongly disagree		6 = strongly agree	n=7	av.=4.43	md=4.00 dev.=0.98
4.3)	The type of this performance assessment is suitable for the contents that were tested.	1 = strongly disagree		6 = strongly agree	n=7	av.=4.71	md=5.00 dev.=0.95
4.4)	The type of this performance assessment allowed me to apply the acquired competencies.	1 = strongly disagree		6 = strongly agree	n=7	av.=4.86	md=5.00 dev.=0.69
4.5)	The type of this performance assessment is appropriate for measuring the extent to which the learning outcomes have been achieved.	1 = strongly disagree		6 = strongly agree	n=7	av.=4.57	md=4.00 dev.=0.79

5. Learning success

5.1)	This performance assessment showed me that I have achieved the learning outcomes.	1 = strongly disagree		6 = strongly agree	n=7	av.=4.86	md=5.00 dev.=0.38
5.2)	By completing this performance assessment, I feel encouraged in my learning.	1 = strongly disagree		6 = strongly agree	n=7	av.=4.29	md=4.00 dev.=0.76
5.3)	I have significantly developed my competencies by achieving the learning outcomes.	1 = strongly disagree		6 = strongly agree	n=7	av.=4.57	md=5.00 dev.=0.53
5.4)	Because of the preceding course or courses, I would assess my personal learning success as convincing.	1 = strongly disagree		6 = strongly agree	n=7	av.=4.71	md=5.00 dev.=0.76
5.5)	I think that, even a month after this performance assessment, I will be able to remember the essentials from this course/	1 = strongly disagree		6 = strongly agree	n=7	av.=5.57	md=6.00 dev.=0.53
5.6)	After this performance assessment, I am able to convey the most important insights into the topic to a fellow student.	1 = strongly disagree		6 = strongly agree	n=7	av.=5.57	md=6.00 dev.=0.53

Comments Report

6. Your comments

6.1) General remarks about the performance assessment:

- Der Grossteil der Aufgaben war fair, ausser die Aufgabe 1.4 zu den CMM-Leveln. Da ging es um ein kleines Detail aus einem Gastvortrag.
  Allgemein waren die Folien aus den Gastvorträgen nicht von derselben Qualität, wie die aus den regulären Vorlesungen. Daher fiel es mir schwer, mich auf diesen Stoff vorzubereiten.
  Der Unterschied zwischen dem, was wir in den Übungen gelernt/gemacht haben, und dem, was wir in der Vorlesung und den Prüfungen hatten, war sehr gross. Das fand ich schwierig für die Vorbereitung auf die Prüfungen.
  Zudem haben wir zu den Deliverables nur sehr spät und nicht wirklich hilfreiche Rückmeldungen erhalten. Das hat es zusätzlich erschwärt.

- I felt like Nitish's comments regarding the exam were somewhat misleading. He repeatedly mentioned that we wouldn't have to study for the exam in case we solved the exercises during the semester and that the exam would be easy if we solved those exercises. This was indeed true for the second (practical) part of the exam, but the first part consisted of questions that sometimes required more detailed knowledge (e.g. question 4) that one should have studied for.

  I and people I studied with also had some trouble differentiating between software analysis, software design, requirements analysis, requirements definition, requirements specificaton, requirements classification etc. Therefore, question 1 was a bit unfortunate for us. This wasn't really an issue of the exam though and maybe more so of the slides being slightly unstructured (and to be fair, we also could have asked for more clarification during the exercise hours).

  Overall, I really learned a lot during the lecture and also while studying for the exam. Thanks for an interesting lecture.

- Ich mache noch darauf aufmerksam, das Prüfungs Informationen per Forum durchzugeben, nicht Ideal ist. Der Grund dafür ist, dass man keine Benachrichtigung vom Forum bekommt... dort wäre die Kommunikation per Mail um einiges Vorteilhafter...
  Natürlich war die Durchführung der Prüfung mühsam, jedoch liegt dies an der Lage und nicht an euch....Aber Ihr habt das beste daraus gemacht! Ich danke!

- It would be nice, if the ESE project would be more valuable(like 60% of the grade) than the exam. Due to the fact, that most of the information we learnt in the course couldn't be used in practise, because it was way to late. Because of that it felt like learning opinions of some people in the industry by heart, is more valuable than making the project(which is by far more time consuming)

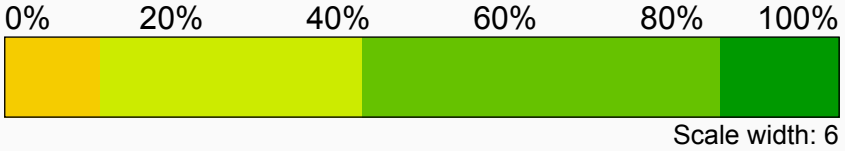
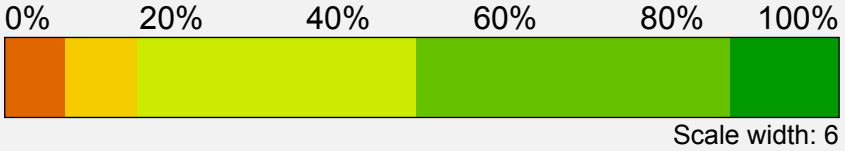
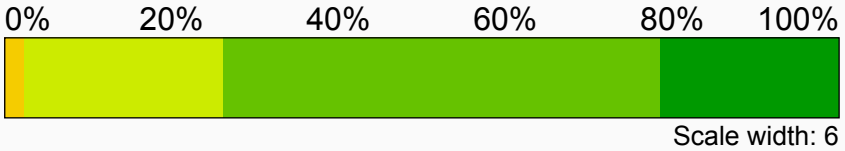
- There was this one question about CMM I could not answer properly because I assumed that it would not be part of the exam since it was not mentioned by the Teaching Assistant that the topics Management, QA and User Interaction would occur. Other than that, the exam was like expected and all in all a good one.

  Of course, as a student one should always learn everything but since it was mentioned that not all topics will occur I assumed it would not be part of the exam, my fault.

Einführung in Software Engineering (LK2420)

Responses = 7 questionnaires

Prof. Dr. Oscar Nierstrasz

	- +	Ø	dev.
Suitability of the exam form	 Scale width: 6	4.6	0.91
Didactic coherence	 Scale width: 6	4.41	1.04
Learning success	 Scale width: 6	4.93	0.58

dev.=Std. Dev.