Vizerektorat Qualität, Fachstelle Lehrevaluation, Hochschulstrasse 6, 3012 Bern

Persönlich/Vertraulich
Mr.
Prof. Dr. Oscar Marius Nierstrasz
Institut für Informatik und angewandte Mathematik
Neubrückstr. 10
3012 Bern

UNIVERSITÄT BERN

Vizerektorat Qualität

Fachstelle Lehrevaluation

Report of evaluation: FS16 Programming 2 (2417)

Dear Prof. Dr. Nierstrasz

Please find here the results of the evaluation of your course Programming 2. Following the scanning of the questionnaires, this report was automatically generated and mailed to you.

The questionnaire used was PN-P2.V1. In the report, you first see the mean values of the following dimensions:

Planning and Presentation (Skalenbreite: 4)
Manners with Students (Skalenbreite: 4)
Interest and Relevance (Skalenbreite: 4)
Complexity and Scope (Skalenbreite: 5)
Overall Assessment (Skalenbreite: 6)

In the second part of the report, you see the answers to all the questions. The number of answers, the mean value and the values differing from it are also given.

Grade 1 equals the lowest grade given by the students, grade 4 or more the highest grade (unless a question is reversed). In 'complexity and scope' grade 3 corresponds to 'exactly right' and is therefore the best grade. In the overall assessment of the Course, grade 6 means the best result.

We hope that this report helps you to analyse your course. Please briefly discuss the results with your students before the end of the semester.

In case you wish to learn more about how to improve your teaching, you might want to discuss the results with the staff of the 'Hochschuldidaktik' (mail address: hd@zuw.unibe.ch). Please bring a copy of the report with you, since the staff of Hochschuldidaktik do not have access to evaluation results.

You might find guidelines, regulations and information about the process under www.lehrveranstaltungsevaluation.unibe.ch (documents in German).

Should you need more information, you may also contact us by e-mail.

Kind regards
Daniela Wuillemin
Vice-rectorate of quality

Daniela Wuillemin
Vizerektorat Qualität
Evaluationsstelle
Hochschulstrasse 6
3012 Bern

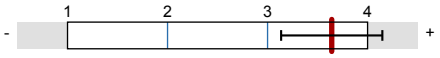
Tel. +41 31 631 51 07
daniela.wuillemin@qualitaet.unibe.ch
www.lehrveranstaltungsevaluation.unibe.ch

Prof. Dr. Oscar Marius Nierstrasz

Programming 2 (2417)
No. of responses = 25

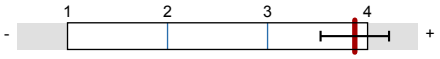
Overall indicators

Planning and Presentation (Skalenbreite: 4)



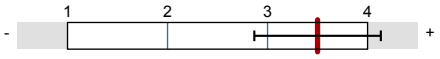
av.=3,64
dev.=0,51

Manners with Students (Skalenbreite: 4)



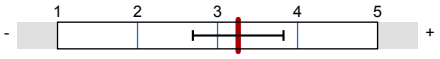
av.=3,87
dev.=0,34

Interest and Relevance (Skalenbreite: 4)



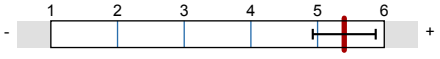
av.=3,5
dev.=0,63

Complexity and Scope (Skalenbreite: 5)



av.=3,26
dev.=0,57

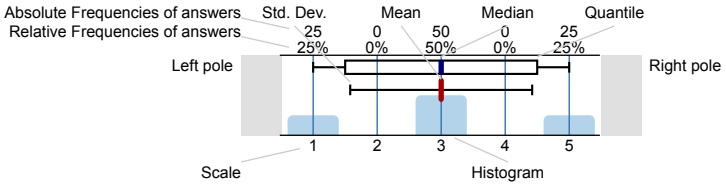
Overall Assessment (Skalenbreite: 6)



av.=5,4
dev.=0,47

Legend

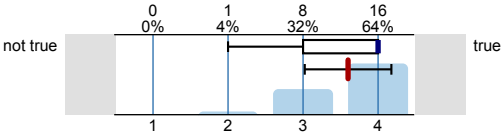
Question text



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

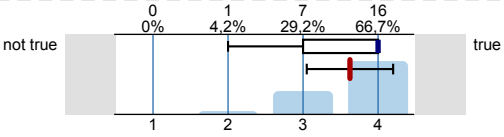
Planning and Presentation

1 The course follows a coherent structure.



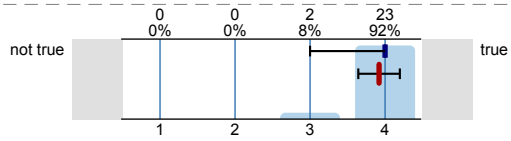
n=25
av.=3,6
md=4
dev.=0,58

2 The wider context of the subject matter is sufficiently elucidated.



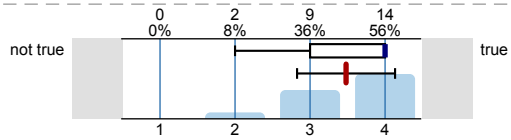
n=24
av.=3,63
md=4
dev.=0,58

3 The lecturer expresses him-/herself clearly and comprehensibly.



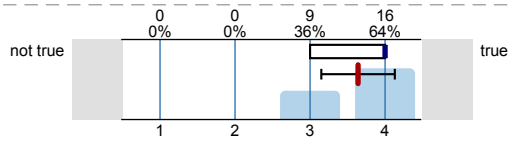
n=25
av.=3,92
md=4
dev.=0,28

4 The course provides an adequate overview of the subject matter treated.



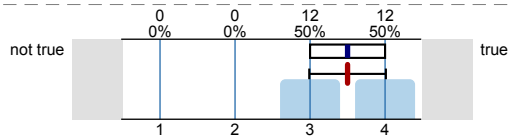
n=25
av.=3,48
md=4
dev.=0,65

5 The design of the course contributes to an understanding of the subject matter.



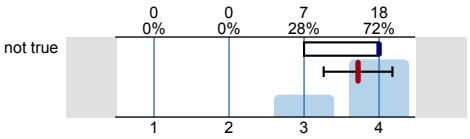
n=25
av.=3,64
md=4
dev.=0,49

6 There is overall enough material provided to assist the learning process (slides, course material, hand-outs, etc.).



n=24
av.=3,5
md=3,5
dev.=0,51

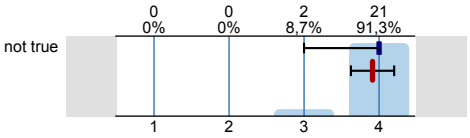
7 The course materials (slides, course manuals, hand-outs, etc.) are overall of sufficient quality.



n=25
av.=3,72
md=4
dev.=0,46

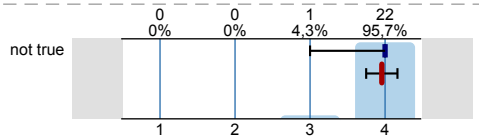
Manners with Students

8 The lecturer takes students seriously.



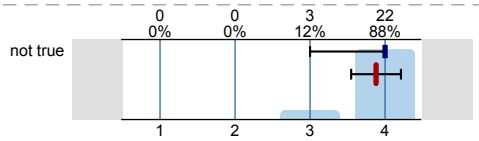
n=23
av.=3,91
md=4
dev.=0,29
ab.=1

9 The lecturer is friendly and respectful towards students.



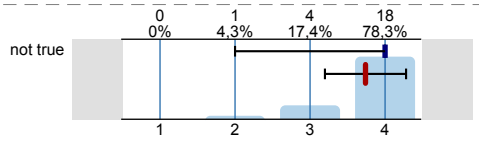
n=23
av.=3,96
md=4
dev.=0,21

10 The lecturer addresses questions and suggestions from students adequately.



n=25
av.=3,88
md=4
dev.=0,33

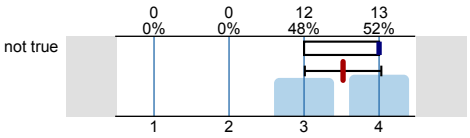
11 The lecturer seems to care about his/her students' progress.



n=23
av.=3,74
md=4
dev.=0,54
ab.=2

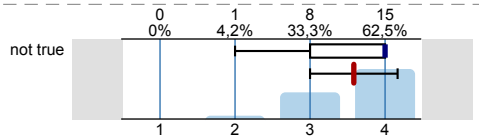
Interest and Relevance

12 The lecturer succeeds in making the course interesting.



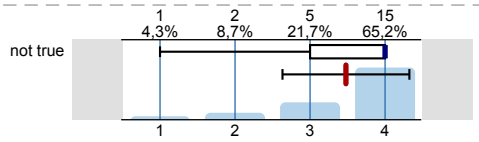
n=25
av.=3,52
md=4
dev.=0,51

13 The course is probably very useful for my future professional life.



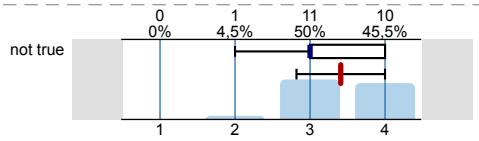
n=24
av.=3,58
md=4
dev.=0,58
ab.=1

14 The applicability and relevance of the subject matter is sufficiently clarified by the lecturer.



n=23
av.=3,48
md=4
dev.=0,85
ab.=1

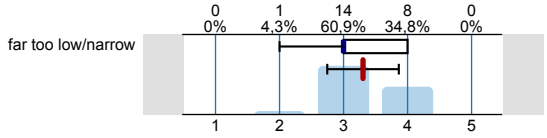
15 The lecturer fosters my interest in the subject.



n=22
av.=3,41
md=3
dev.=0,59
ab.=1

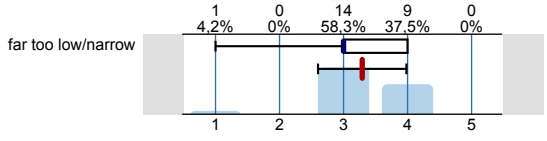
Complexity and Scope

16 The degree of complexity of the course is:



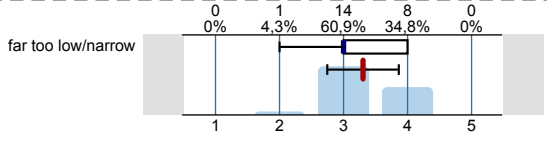
n=23
av.=3,3
md=3
dev.=0,56

17 The scope of the course is:



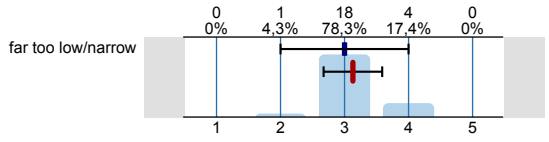
n=24
av.=3,29
md=3
dev.=0,69

18 The pace of the course is:



n=23
av.=3,3
md=3
dev.=0,56

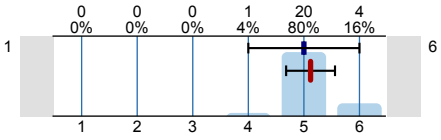
19 The amount of knowledge presupposed by the course is:



n=23
av.=3,13
md=3
dev.=0,46

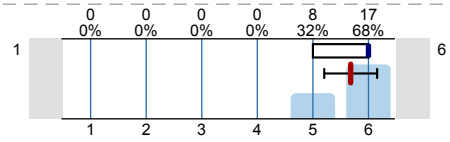
Overall Assessment

20 How would you grade the course as a whole?



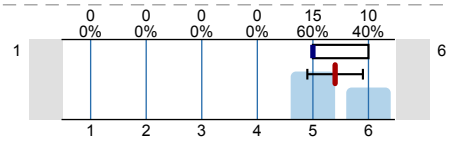
n=25
av.=5,12
md=5
dev.=0,44

21 How would you grade the lecturer with regard to subject expertise?



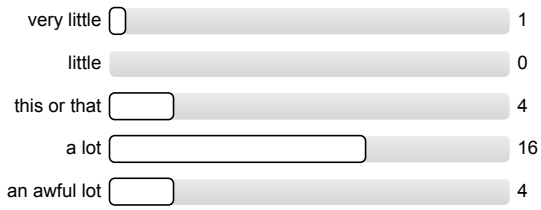
n=25
av.=5,68
md=6
dev.=0,48

22 How would you grade the lecturer with regard to teaching methods?



n=25
av.=5,4
md=5
dev.=0,5

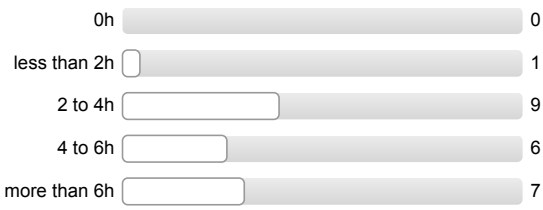
23 The course has taught me



n=25
av.=3,88
dev.=0,83

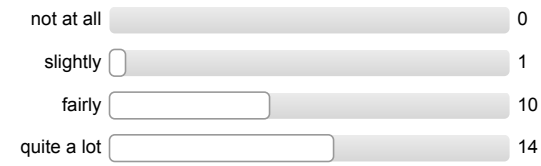
Socio-demographic Data and Background Variables

24 How many hours per week did you invest in preparation and revision for the course (on average)?



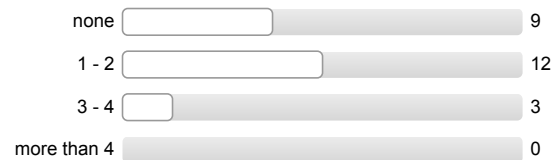
n=23

25 Was the topic of interest to you?



n=25

26 How many lectures did you miss?



n=24

27 If you missed more than 2 lectures, please give one reason:

n=9

lack of interest	0
course overlap	0
illness etc.	3
course manual/required reading suffices for exam preparation	2
other reasons	4

28 Allocation of the course in your study programme:?

n=24

mono subject/Major/Hauptfach	18
Minor/Nebenfach	5
complemetary or specialization course	1

29 Your current number of semesters?

n=25

1	1
2	19
3	0
4	3
5	0
6	1
7	0
8	0
9	1
10	0
higher than 10	0

30 Sex

n=23

female	4
male	19
n/a	0

Open Questions

What did you like about the course?

good exercises

Pool was very helpful!

Overall Interesting Topic/Presentation, actually, as far as I'm into my student-career, I think this was the most useful lecture (Y)

It was clearly structured, the presentation foils contained a lot of helpful information. Concrete examples.

the exercises even though they are sometimes very time consuming

The concepts were explained and illustrated very clearly.

The way it is presented. Our tasks in the exercises website are very cool!

notes in the presentations help to understand the topic.
course is in English.

- The exercises were good and interesting

Good overview, good tasks

The friendly appearance of the lecturer

The exercises were very helpful, especially the corrections.

Good Exercises.

Example 1

Exercises, good examples, focus on good design early already in second semester is very helpful to avoid bad practices

What did you not like about the course?

sometimes a bit too time-consuming

Very short exam preparation.

Sometimes the assignments took up very much time, especially for fixing code etc (some weeks it was about 10 hours of work) and it's also not very satisfying having to wait long for the corrections, no offense towards the assistants though, they did a great job, but maybe the assignments were too big

Sometimes the fails were somewhat overfilled, in my opinion, and these text-heavy fails make the lecture rather dull and boring.

the c++ lecture was to difficult to understand

Too much exercises. It was not possible to do them all carefully.

-

The course had not taught me much, because I know a lot about programming

The exercises were not clearly linked to the lectures

The exercises were (sometimes) a bit too large and required quite a lot of effort, which does not quite suit the amount of ECTS you get (compared to the lecture about databases, for instance).

Excercises not corrected well enough.

Mochito

Too big exercises

Corrections of the exercises were returned late

Suggestions for improvements?

In my opinion it would be very helpful to have an example exam. ~~[illegible]~~ ~~[illegible]~~

Smaller assignments, lecture in A6 ExW: instead of Engelhaldestrasse
5/7 would visit again

Part text-heavy foils and/or provide more information orally rather than only on foil.

Use ilias
more examples

Less exercises so we could do them more carefully.

Just one Lecture of Ctt is not enough. Maybe an exercise should be added for better understanding?

I wrote that in the online evaluation

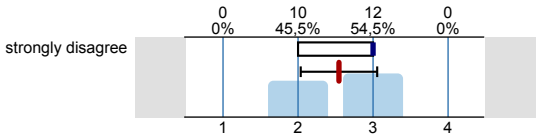
Maybe one or two assistants more would reduce the time spent waiting for corrections. Reducing the scope of the exercises could help too.

Remove Rockito

none

Assessment of Individual Lectures

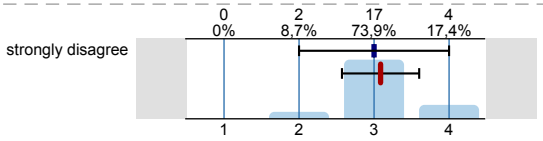
8.1 Introduction



strongly disagree — strongly agree

n=22
av.=2,55
md=3
dev.=0,51

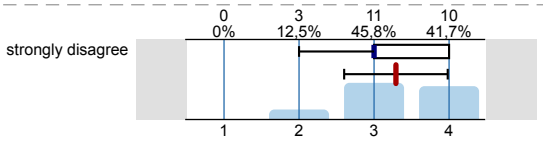
8.2 OO Design Principles



strongly disagree — strongly agree

n=23
av.=3,09
md=3
dev.=0,51

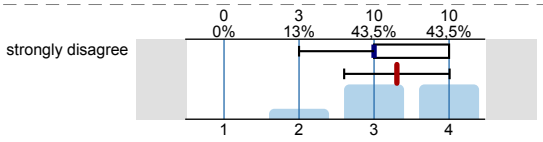
8.3 Design by Contract



strongly disagree — strongly agree

n=24
av.=3,29
md=3
dev.=0,69

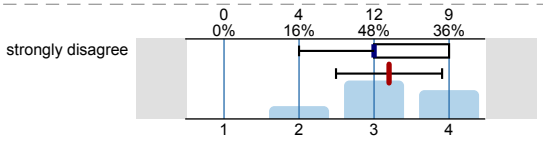
8.4 A Testing Framework



strongly disagree — strongly agree

n=23
av.=3,3
md=3
dev.=0,7

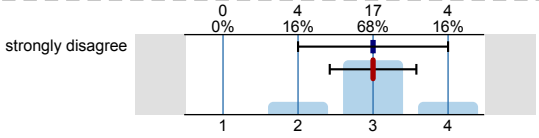
8.5 Debugging and Tools



strongly disagree — strongly agree

n=25
av.=3,2
md=3
dev.=0,71

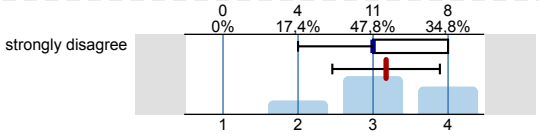
8.6 Iterative Development



strongly disagree — strongly agree

n=25
av.=3
md=3
dev.=0,58

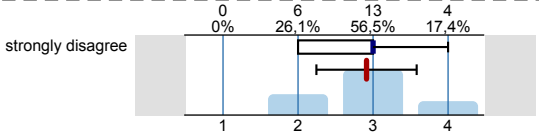
8.7 Inheritance and Refactoring



strongly disagree — strongly agree

n=23
av.=3,17
md=3
dev.=0,72

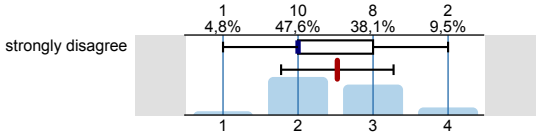
8.8 GUI Construction



strongly disagree — strongly agree

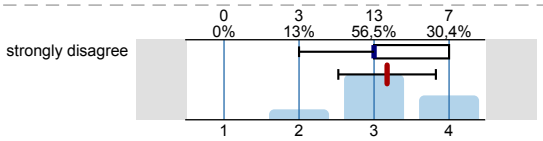
n=23
av.=2,91
md=3
dev.=0,67

8.9 Advanced Design Lab



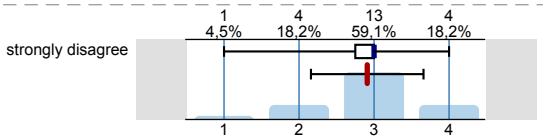
n=21
av.=2,52
md=2
dev.=0,75

8.10 Guidelines, Idioms and Patterns



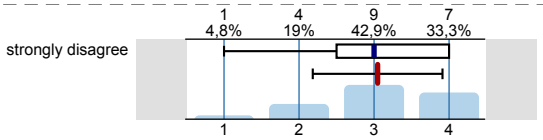
n=23
av.=3,17
md=3
dev.=0,65

8.11 A bit of C++



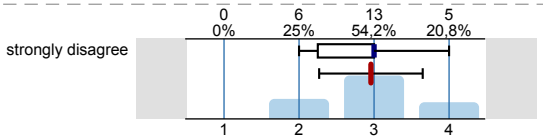
n=22
av.=2,91
md=3
dev.=0,75

8.12 A bit of Smalltalk



n=21
av.=3,05
md=3
dev.=0,86

8.13 Einblicke in die Praxis



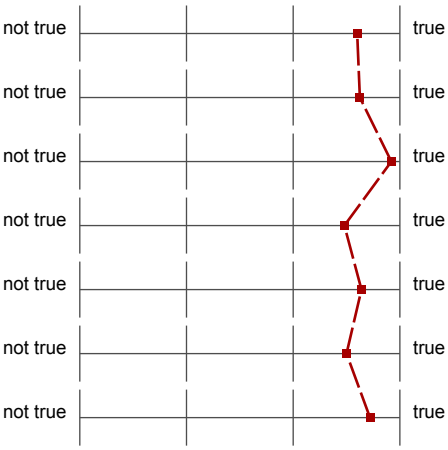
n=24
av.=2,96
md=3
dev.=0,69

Profile

Subunit: Phil.-nat. Fakultät
Name of the instructor: Prof. Dr. Oscar Marius Nierstrasz
Name of the course: (Name of the survey) Programming 2

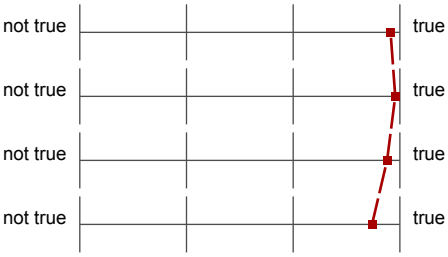
Values used in the profile line: Mean

Planning and Presentation



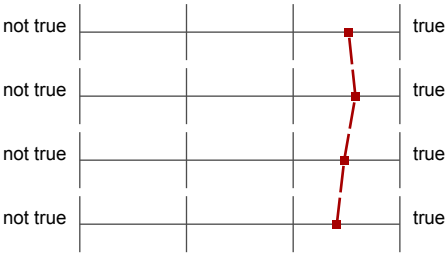
1 The course follows a coherent structure.	not true	true	n=25 av.=3,60 md=4,00 dev.=0,58
2 The wider context of the subject matter is sufficiently elucidated.	not true	true	n=24 av.=3,63 md=4,00 dev.=0,58
3 The lecturer expresses him-/herself clearly and comprehensibly.	not true	true	n=25 av.=3,92 md=4,00 dev.=0,28
4 The course provides an adequate overview of the subject matter treated.	not true	true	n=25 av.=3,48 md=4,00 dev.=0,65
5 The design of the course contributes to an understanding of the subject matter.	not true	true	n=25 av.=3,64 md=4,00 dev.=0,49
6 There is overall enough material provided to assist the learning process (slides, course material, hand-outs, etc.).	not true	true	n=24 av.=3,50 md=3,50 dev.=0,51
7 The course materials (slides, course manuals, hand-outs, etc.) are overall of sufficient quality.	not true	true	n=25 av.=3,72 md=4,00 dev.=0,46

Manners with Students



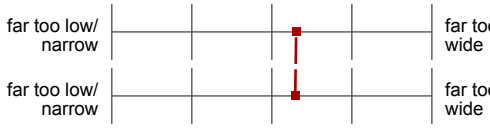
8 The lecturer takes students seriously.	not true	true	n=23 av.=3,91 md=4,00 dev.=0,29
9 The lecturer is friendly and respectful towards students.	not true	true	n=23 av.=3,96 md=4,00 dev.=0,21
10 The lecturer addresses questions and suggestions from students adequately.	not true	true	n=25 av.=3,88 md=4,00 dev.=0,33
11 The lecturer seems to care about his/her students' progress.	not true	true	n=23 av.=3,74 md=4,00 dev.=0,54

Interest and Relevance



12 The lecturer succeeds in making the course interesting.	not true	true	n=25 av.=3,52 md=4,00 dev.=0,51
13 The course is probably very useful for my future professional life.	not true	true	n=24 av.=3,58 md=4,00 dev.=0,58
14 The applicability and relevance of the subject matter is sufficiently clarified by the lecturer.	not true	true	n=23 av.=3,48 md=4,00 dev.=0,85
15 The lecturer fosters my interest in the subject.	not true	true	n=22 av.=3,41 md=3,00 dev.=0,59

Complexity and Scope



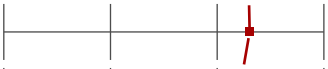
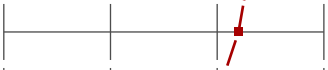
16 The degree of complexity of the course is:	far too low/ narrow	far too high/ wide	n=23 av.=3,30 md=3,00 dev.=0,56
17 The scope of the course is:	far too low/ narrow	far too high/ wide	n=24 av.=3,29 md=3,00 dev.=0,69

18 The pace of the course is:	far too low/ narrow		far too high/ wide	n=23 av.=3,30 md=3,00 dev.=0,56
19 The amount of knowledge presupposed by the course is:	far too low/ narrow		far too high/ wide	n=23 av.=3,13 md=3,00 dev.=0,46

Overall Assessment

20 How would you grade the course as a whole?	1		6	n=25 av.=5,12 md=5,00 dev.=0,44
21 How would you grade the lecturer with regard to subject expertise?	1		6	n=25 av.=5,68 md=6,00 dev.=0,48
22 How would you grade the lecturer with regard to teaching methods?	1		6	n=25 av.=5,40 md=5,00 dev.=0,50

Assessment of Individual Lectures

8.1 Introduction	strongly disagree		strongly agree	n=22 av.=2,55 md=3,00 dev.=0,51
8.2 OO Design Principles	strongly disagree		strongly agree	n=23 av.=3,09 md=3,00 dev.=0,51
8.3 Design by Contract	strongly disagree		strongly agree	n=24 av.=3,29 md=3,00 dev.=0,69
8.4 A Testing Framework	strongly disagree		strongly agree	n=23 av.=3,30 md=3,00 dev.=0,70
8.5 Debugging and Tools	strongly disagree		strongly agree	n=25 av.=3,20 md=3,00 dev.=0,71
8.6 Iterative Development	strongly disagree		strongly agree	n=25 av.=3,00 md=3,00 dev.=0,58
8.7 Inheritance and Refactoring	strongly disagree		strongly agree	n=23 av.=3,17 md=3,00 dev.=0,72
8.8 GUI Construction	strongly disagree		strongly agree	n=23 av.=2,91 md=3,00 dev.=0,67
8.9 Advanced Design Lab	strongly disagree		strongly agree	n=21 av.=2,52 md=2,00 dev.=0,75
8.10 Guidelines, Idioms and Patterns	strongly disagree		strongly agree	n=23 av.=3,17 md=3,00 dev.=0,65
8.11 A bit of C++	strongly disagree		strongly agree	n=22 av.=2,91 md=3,00 dev.=0,75
8.12 A bit of Smalltalk	strongly disagree		strongly agree	n=21 av.=3,05 md=3,00 dev.=0,86
8.13 Einblicke in die Praxis	strongly disagree		strongly agree	n=24 av.=2,96 md=3,00 dev.=0,69

Profile

Subunit: Phil.-nat. Fakultät
Name of the instructor: Prof. Dr. Oscar Marius Nierstrasz
Name of the course: (Name of the survey) Programming 2

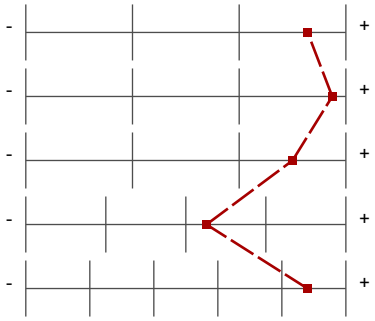
Planning and Presentation (Skalenbreite: 4) av.=3,64 dev.=0,51

Manners with Students (Skalenbreite: 4) av.=3,87 dev.=0,34

Interest and Relevance (Skalenbreite: 4) av.=3,50 dev.=0,63

Complexity and Scope (Skalenbreite: 5) av.=3,26 dev.=0,57

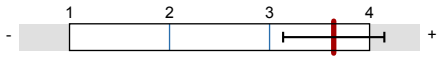
Overall Assessment (Skalenbreite: 6) av.=5,40 dev.=0,47



Presentation template

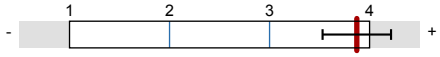
Programming 2
Prof. Dr. Oscar Marius Nierstrasz
No. of responses = 25

Planning and Presentation
(Skalenbreite: 4)



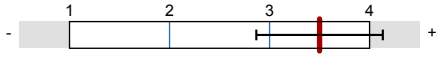
av.=3,64

Manners with Students
(Skalenbreite: 4)



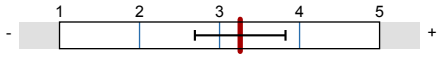
av.=3,87

Interest and Relevance
(Skalenbreite: 4)



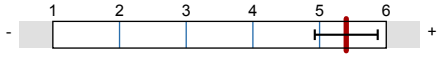
av.=3,5

Complexity and Scope
(Skalenbreite: 5)



av.=3,26

Overall Assessment (Skalenbreite: 6)



av.=5,4