



Universität Ulm | Stab QBR | 89081 Ulm | Germany

To
Mr.
Prof. Dr. Karsten Urban

personal / confidential

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Fax: +49 731 50-12-25103
ruediger.fiebig@uni-ulm.de

: cf'gi V^YWfgdYVZ[W]bei Jf]Yg
d'YUgY'i gY'h YVt:bHUM'i]ghVYck "

Course evaluation report

Dear Mr. Prof. Dr. Urban,

enclosed you will find the results of the evaluation for your lecture "High Performance Computing 2" in the SoSe19.

If you have any questions regarding the evaluation please feel free to contact me at any time.

Best regards,

7 cbHUMg'Z:f'gi V^YWfg'UbX'XYdUfha YbHg

Advanced Materials: Dr. Maria-Verena Kohnle (maria-verena.kohnle@uni-ulm.de)

Biology: Helga Theilacker (helga.theilacker@uni-ulm.de)

Chemistry: Mark Hammerschmidt (mark.hammerschmidt@uni-ulm.de)

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Computational Science and Engineering: Beate Mayer (beate.mayer@uni-ulm.de)

Energy Science & Technology: Dr. Maria-Verena Kohnle (maria-verena.kohnle@uni-ulm.de)

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Language Center: Christian Timm (christian.timm@uni-ulm.de)

Economics: Canan Kaplan (canan.kaplan@uni-ulm.de)

Prof. Dr. Karsten Urban
 High Performance Computing 2 (MATH4022.010)
 No. of responses = 10



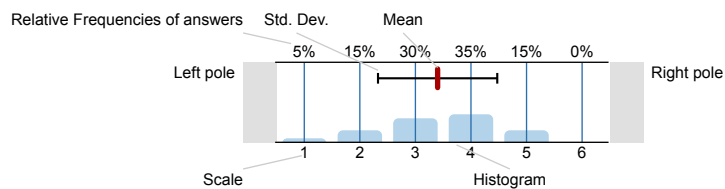
Overall indicators

Organisation of the lecture	negative (-)	1 2 3 4 5 6	positive (+)	av.=4,1 dev.=0,9
Clearness of the Subject Matter	negative (-)	1 2 3 4 5 6	positive (+)	av.=3,6 dev.=1,2
Teaching Style of the Lecturer	negative (-)	1 2 3 4 5 6	positive (+)	av.=4,6 dev.=0,9
Increase of Knowledge	negative (-)	1 2 3 4 5 6	positive (+)	av.=4 dev.=1,1
Promotion of Interest	negative (-)	1 2 3 4 5 6	positive (+)	av.=4,1 dev.=1,3
Overall Assessment	negative (-)	1 2 3 4 5 6	positive (+)	av.=4,2 dev.=1,1

Survey Results

Legend

Question text



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



Quality index

Description of quality symbol

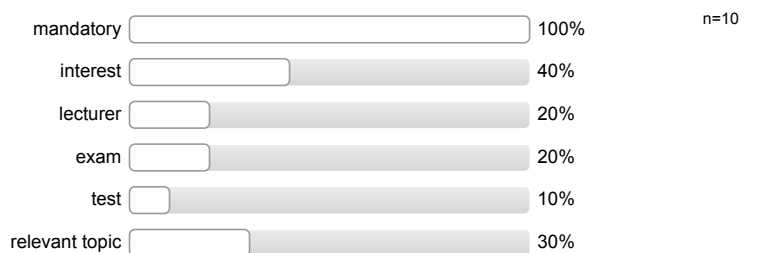
Mean value is below the quality guideline.

Mean is within the range of tolerance for the quality guideline.

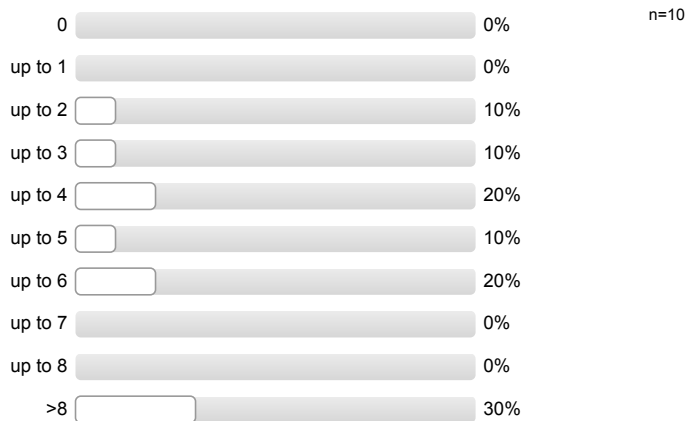
Mean value is within the quality guideline.

Preparation and follow-up

Why do you attend this course? (multiple choice is possible)

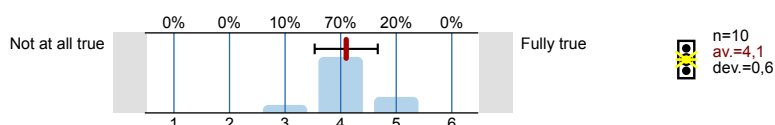


How much time do you spend for preparing and recapitulating the course (hours/week)?

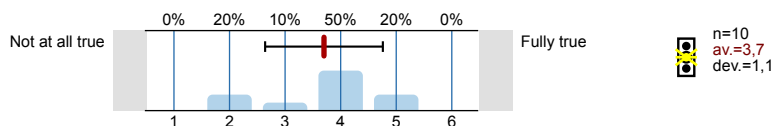


Organisation of the lecture

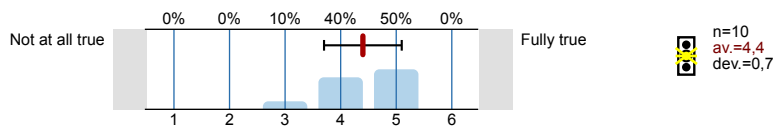
The course follows an easily comprehensible structure throughout the semester.



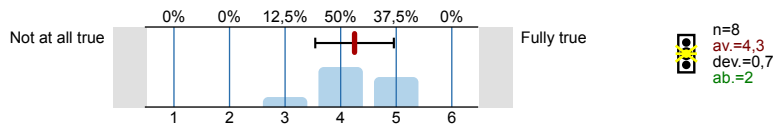
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.



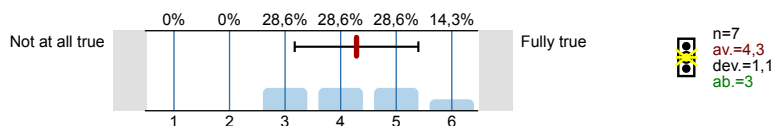
The lecturer always gives helpful summaries and subject overviews.



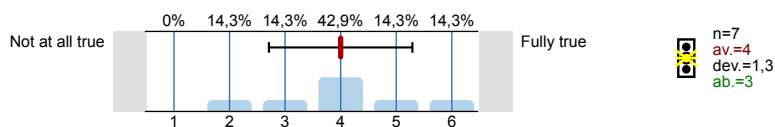
Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.



The applied materials (e.g. slides, scripts) are very useful for understanding the content.

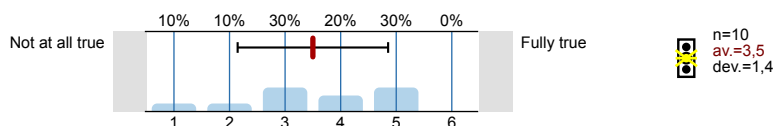


The applied materials (e.g. slides, scripts) are always designed clearly.

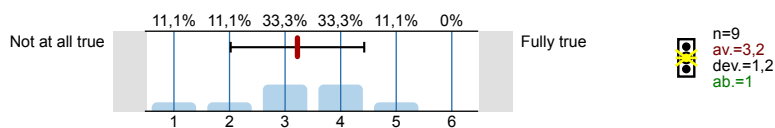


Course contents

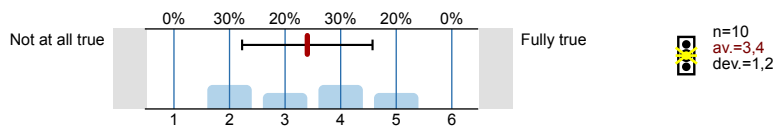
The speed of teaching is always adequate.



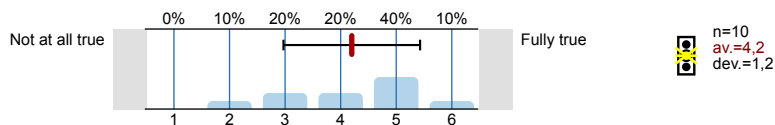
The subject matter is not too difficult.



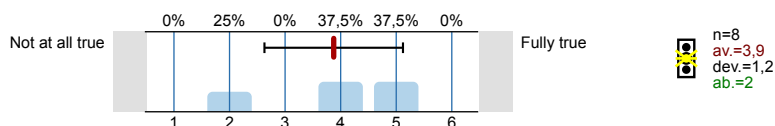
I had enough background knowledge to understand the contents well.



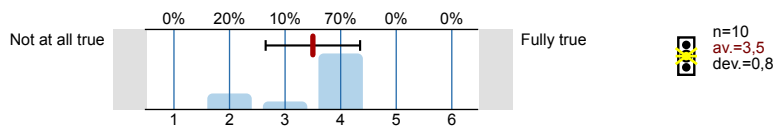
The course contents are adequately illustrated by reference to practice/application.



The subject is very well illustrated by experiments or the description of experiments.

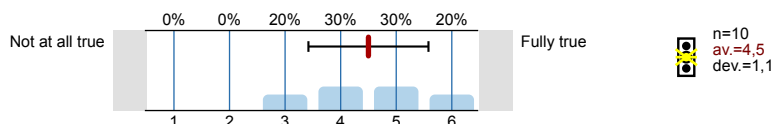


The subject is very well illustrated by examples.

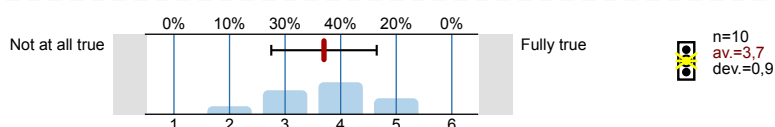


The lecturer's teaching style

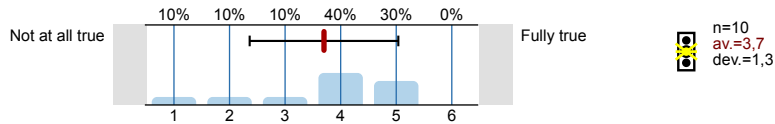
The lecturer often establishes relations between the contents.



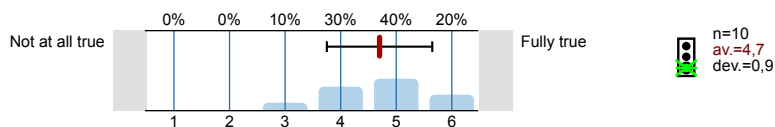
Difficult facts are always explained clearly.



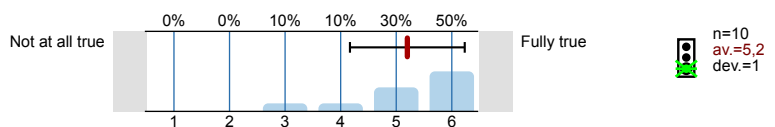
The lecturer uses a varied teaching approach (in the course).



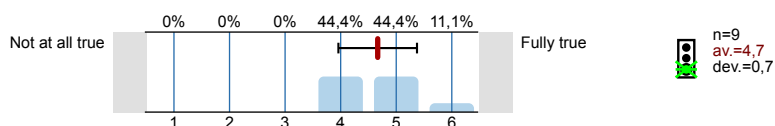
I find the lecturer always presents the course in an interesting way.



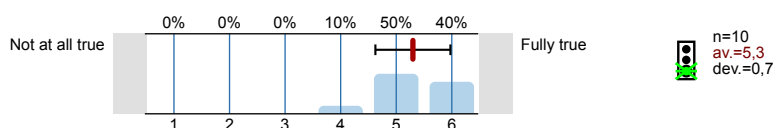
The lecturer always manages to keep up contact (e.g. eye contact) with the audience.



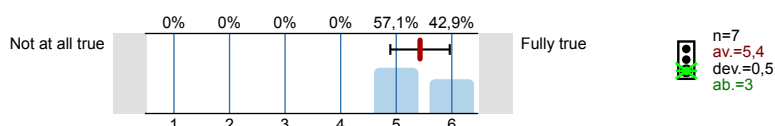
The lecturer always encourages active participation (e.g. asking questions, discussion).



The general climate of the course is very pleasant.

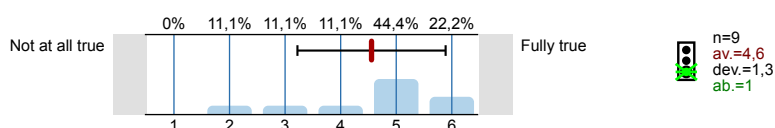


The lecturer always deals adequately with interruptions (e.g. noise or disturbance by participants or technical problems).

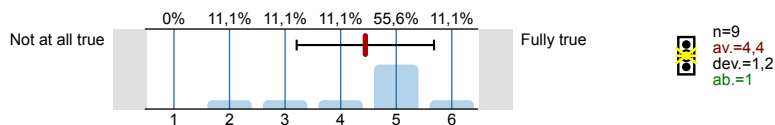


Your knowledge

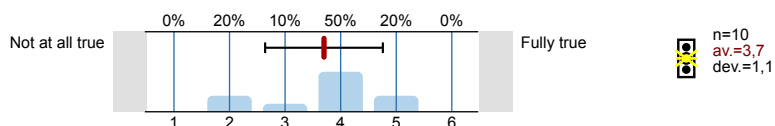
My state of knowledge has considerably grown since the course.



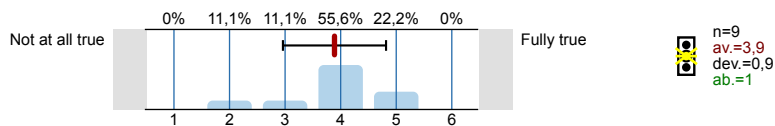
Now I have a considerably deeper knowledge than before the course.



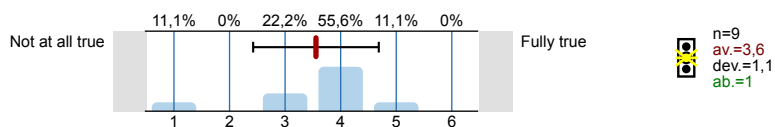
I've understood the most important content very well.



Due to this course I am capable of giving a good overview about the covered topic.

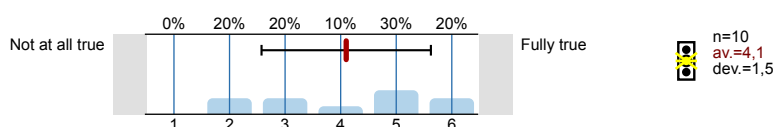


Due to this course I am capable of clearly describing the complex facts covered.

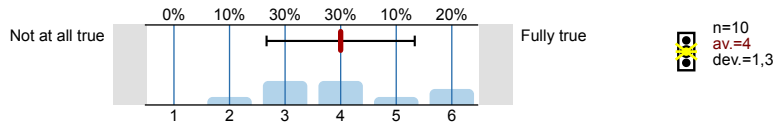


Overall course assessment

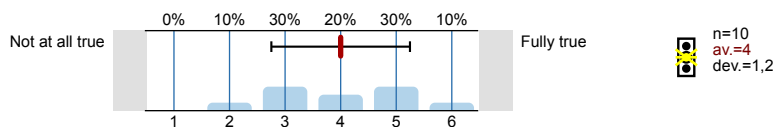
I learn things in this course which inspire me.



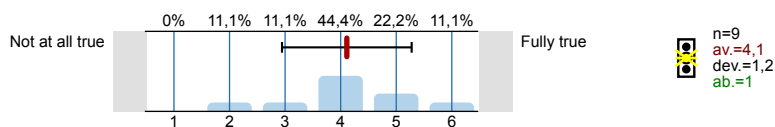
The course stimulates my interest in the subject material.



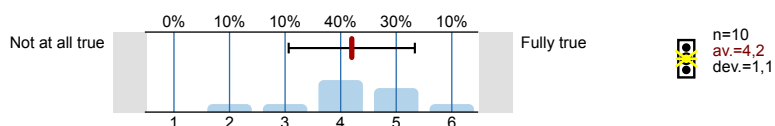
The course stimulates my interest in the studies



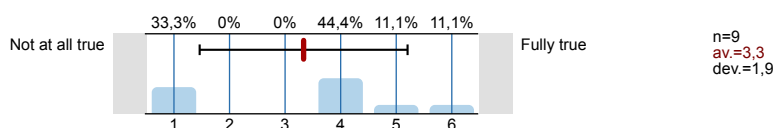
I would recommend this course.



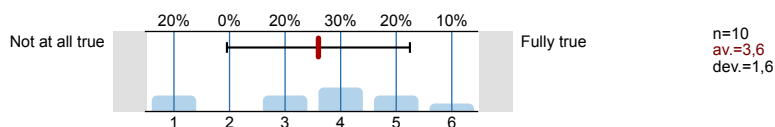
All in all the course is very good.

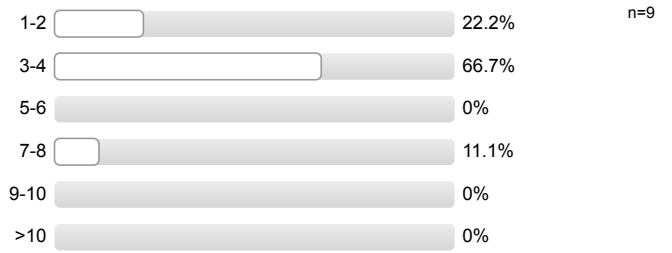


Course preparation and recapitulation were adequately supported by Lecture Capture.



Course preparation and recapitulation were adequately supported by E-Learning activities (e.g. Moodle).



What semester are you in?**Degree****Do you study for a teaching profession?**

Profile

Subunit: **Mathematik**
 Name of the instructor: **Prof. Dr. Karsten Urban**
 Name of the course: **High Performance Computing 2**
 (Name of the survey)

Values used in the profile line: Mean

Organisation of the lecture

The course follows an easily comprehensible structure throughout the semester.	Not at all true		Fully true	n=10	av.=4,1	md=4,0	dev.=0,6
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.	Not at all true		Fully true	n=10	av.=3,7	md=4,0	dev.=1,1
The lecturer always gives helpful summaries and subject overviews.	Not at all true		Fully true	n=10	av.=4,4	md=4,5	dev.=0,7
Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.	Not at all true		Fully true	n=8	av.=4,3	md=4,0	dev.=0,7
The applied materials (e.g. slides, scripts) are very useful for understanding the content.	Not at all true		Fully true	n=7	av.=4,3	md=4,0	dev.=1,1
The applied materials (e.g. slides, scripts) are always designed clearly.	Not at all true		Fully true	n=7	av.=4,0	md=4,0	dev.=1,3

Course contents

The speed of teaching is always adequate.	Not at all true		Fully true	n=10	av.=3,5	md=3,5	dev.=1,4
The subject matter is not too difficult.	Not at all true		Fully true	n=9	av.=3,2	md=3,0	dev.=1,2
I had enough background knowledge to understand the contents well.	Not at all true		Fully true	n=10	av.=3,4	md=3,5	dev.=1,2
The course contents are adequately illustrated by reference to practice/application.	Not at all true		Fully true	n=10	av.=4,2	md=4,5	dev.=1,2
The subject is very well illustrated by experiments or the description of experiments.	Not at all true		Fully true	n=8	av.=3,9	md=4,0	dev.=1,2
The subject is very well illustrated by examples.	Not at all true		Fully true	n=10	av.=3,5	md=4,0	dev.=0,8

The lecturer's teaching style

The lecturer often establishes relations between the contents.	Not at all true		Fully true	n=10	av.=4,5	md=4,5	dev.=1,1
Difficult facts are always explained clearly.	Not at all true		Fully true	n=10	av.=3,7	md=4,0	dev.=0,9
The lecturer uses a varied teaching approach (in the course).	Not at all true		Fully true	n=10	av.=3,7	md=4,0	dev.=1,3
I find the lecturer always presents the course in an interesting way.	Not at all true		Fully true	n=10	av.=4,7	md=5,0	dev.=0,9
The lecturer always manages to keep up contact (e.g. eye contact) with the audience.	Not at all true		Fully true	n=10	av.=5,2	md=5,5	dev.=1,0
The lecturer always encourages active participation (e.g. asking questions, discussion).	Not at all true		Fully true	n=9	av.=4,7	md=5,0	dev.=0,7
The general climate of the course is very pleasant.	Not at all true		Fully true	n=10	av.=5,3	md=5,0	dev.=0,7

The lecturer always deals adequately with interruptions (e.g. noise or disturbance by participants or technical problems).



n=7 av.=5,4 md=5,0 dev.=0,5

Your knowledge

My state of knowledge has considerably grown since the course.



n=9 av.=4,6 md=5,0 dev.=1,3

Now I have a considerably deeper knowledge than before the course.



n=9 av.=4,4 md=5,0 dev.=1,2

I've understood the most important content very well.



n=10 av.=3,7 md=4,0 dev.=1,1

Due to this course I am capable of giving a good overview about the covered topic.



n=9 av.=3,9 md=4,0 dev.=0,9

Due to this course I am capable of clearly describing the complex facts covered.



n=9 av.=3,6 md=4,0 dev.=1,1

Overall course assessment

I learn things in this course which inspire me.



n=10 av.=4,1 md=4,5 dev.=1,5

The course stimulates my interest in the subject material.



n=10 av.=4,0 md=4,0 dev.=1,3

The course stimulates my interest in the studies



n=10 av.=4,0 md=4,0 dev.=1,2

I would recommend this course.



n=9 av.=4,1 md=4,0 dev.=1,2

All in all the course is very good.



n=10 av.=4,2 md=4,0 dev.=1,1

Course preparation and recapitulation were adequately supported by Lecture Capture.



n=9 av.=3,3 md=4,0 dev.=1,9

Course preparation and recapitulation were adequately supported by E-Learning activities (e.g. Moodle).



n=10 av.=3,6 md=4,0 dev.=1,6

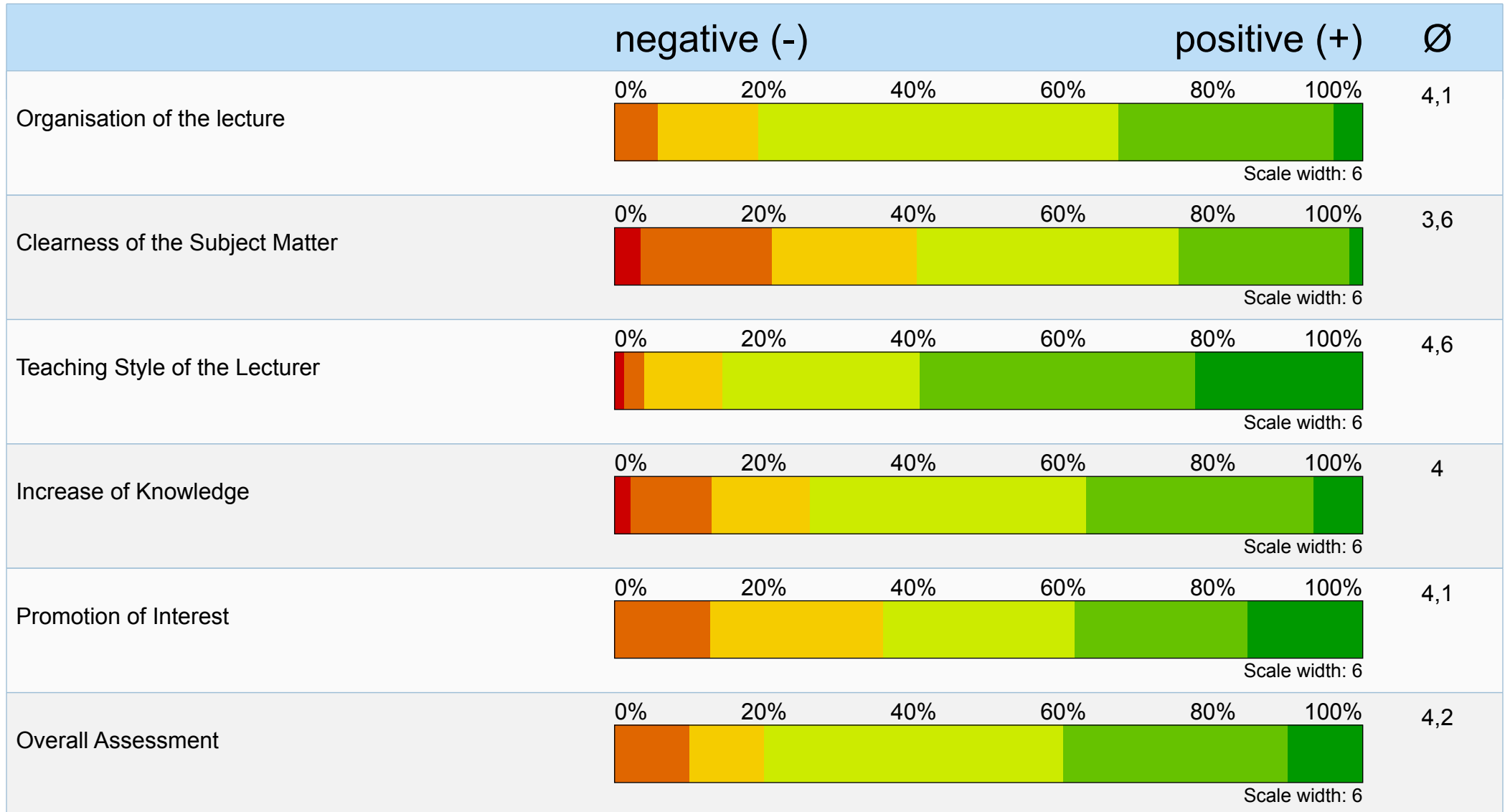
Comments Report

What do you particularly like in the course?

- Das thrama
- Funken: Die Idee, einen Code am Anfang zu zeigen, finde ich sehr gut. Mit dem Satz, dass wir diese Vorlesung auf den eingehen wollen, war das letzte Mal, dass Sie ihn erwähnen. Schade, dass sie danach nicht wieder darauf eingehen.
Urban: Klare und meist nachvollziehbare Anschriebe. Erklärungen, die sie zusätzlich geben, machen einiges einfach klarer.

What could be improved? (if any, name suggestions for improvement)

- Der Aufwand für diese Veranstaltung steht in keinem Verhältnis zu den ECTS. Insbesondere der Aufwand für die Übungsblätter / Vorleistung ist exorbitant hoch auch im Vergleich zum vergangengenen Semester. Z.B. ist der Aufwand für Sheet5/2019 im Vergleich zum Sheet9/2018 mindestens dreimal so groß bei gleichem Themengebiet.
- Die Übungsblätter bitte fehlerfrei machen, echt nervig Zeit in die Übungsblätter zu stecken, nur um die das bereitgestelltes Material zum laufen zu bringen
- Ein Skript wäre schön
- Ein Skript wäre sehr hilfreich, insbesondere da die Dozenten sich abwechseln. Manchmal ist der Zusammenhang bei einem Wechsel nicht ganz klar.
Zu Herrn Funken: Ein strukturierterer Tafelanschrieb (Überschriften) wäre hilfreich, um zu verstehen, um was es gerade geht. Meist fehlt mir die Motivation/ der Zusammenang, um was es in der Vorlesung gehen soll. Auch mündlich können sie noch klarer herausstellen, worauf sie hinauswollen. Die Struktur/ eine Gliederung ist mir meist nicht klar.
Herr Urban: Das Tempo ist oft einfach zu zügig. Da es kein Skript mit, muss man alles mitschreiben. Ich arbeite schon mit vielen Abkürzungen und dennoch reicht es mir nicht, auf ihre Kommentare etc. zu achten. Da geht leider viel zu viel links rein und direkt rechts wieder raus.
Zur Übung: Die Übungsblätter sind wirklich wahnsinnig aufwändig. Die Codes funktionieren oft nicht, aber man soll sie versethen. Die willkürliche Reihenfolge ist teils einfach ungeschickt und unfair.
- Ein Skript zu der Vorlesung wäre hilfreich, da es bei dem hohen Tempo oft schwer fällt zu folgen und gleichzeitig abzuschreiben.
Die Übungsaufgaben sind oft zu viel und das bereitgestellte Material fehlerhaft.
- More HPC, less numeric



Subgroup

For question: Study program (multiple choice possible)

Group: Computational Scienc...

Forms: 8

Prof. Dr. Karsten Urban

High Performance Computing 2 / Subgroup "Computational Science and Engineering" (MATH4022.010)
No. of responses = 8



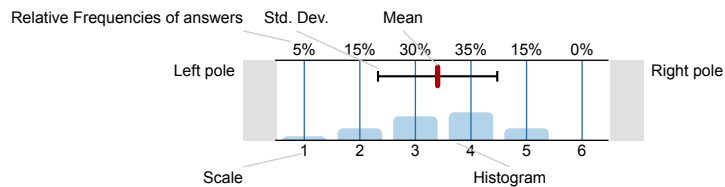
Overall indicators

Organisation of the lecture		negative (-)	positive (+)	av.=4,2 dev.=0,9
Clearness of the Subject Matter		negative (-)	positive (+)	av.=3,7 dev.=1,1
Teaching Style of the Lecturer		negative (-)	positive (+)	av.=4,7 dev.=0,8
Increase of Knowledge		negative (-)	positive (+)	av.=4,3 dev.=0,9
Promotion of Interest		negative (-)	positive (+)	av.=4,3 dev.=1,3
Overall Assessment		negative (-)	positive (+)	av.=4,3 dev.=1,2

Survey Results

Legend

Question text



n=No. of responses
av.=Mean
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Quality index

Description of quality symbol

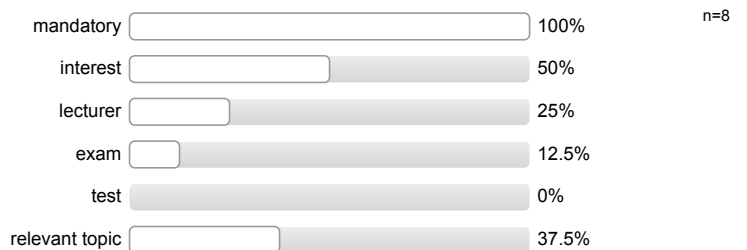
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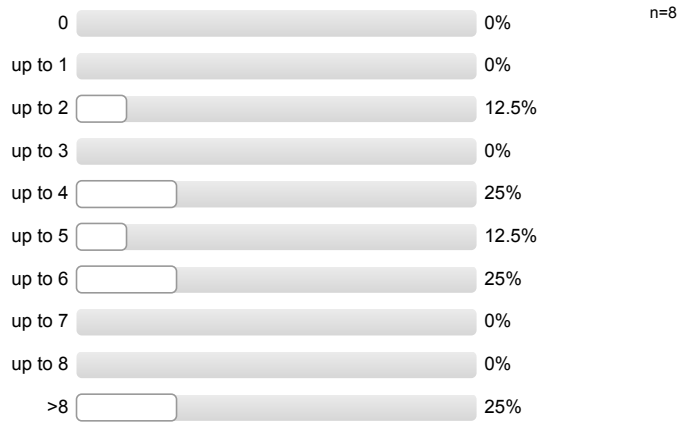
Mean value is within the quality guideline.

Preparation and follow-up

Why do you attend this course? (multiple choice is possible)

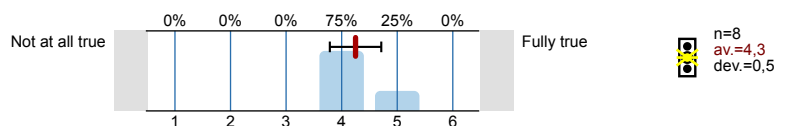


How much time do you spend for preparing and recapitulating the course (hours/week)?

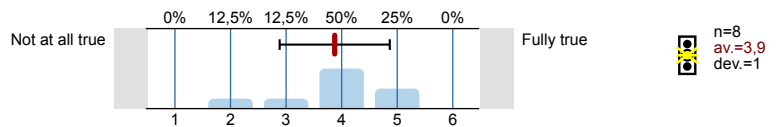


Organisation of the lecture

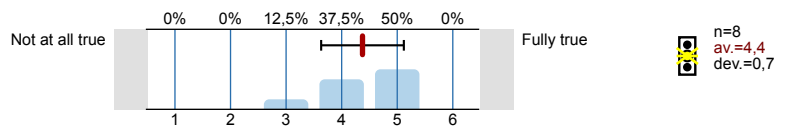
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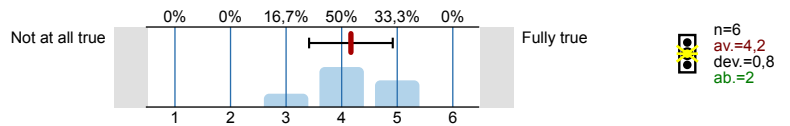
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.



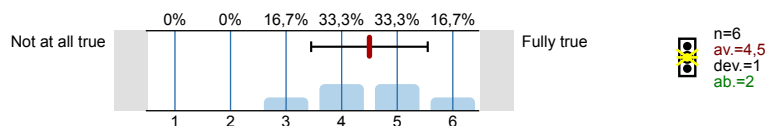
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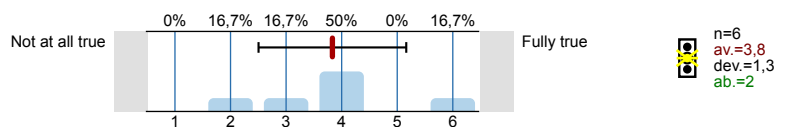
Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.



The applied materials (e.g. slides, scripts) are very useful for understanding the content.

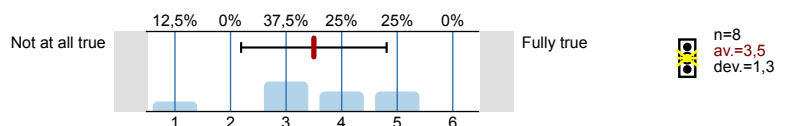


The applied materials (e.g. slides, scripts) are always designed clearly.

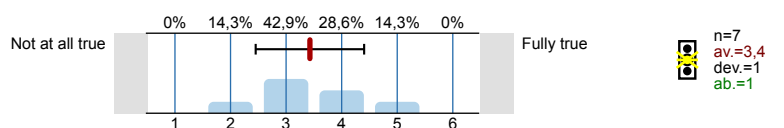


Course contents

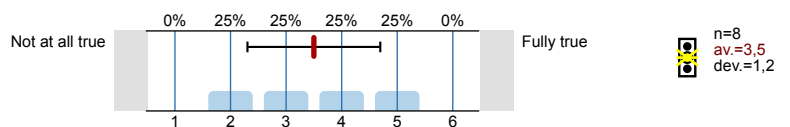
The speed of teaching is always adequate.



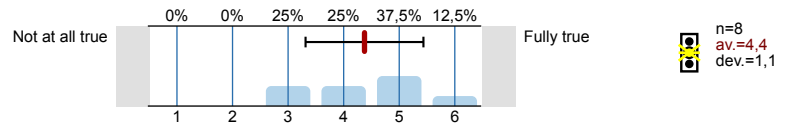
The subject matter is not too difficult.



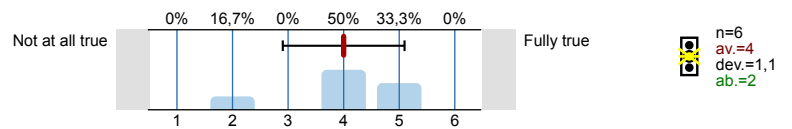
I had enough background knowledge to understand the contents well.



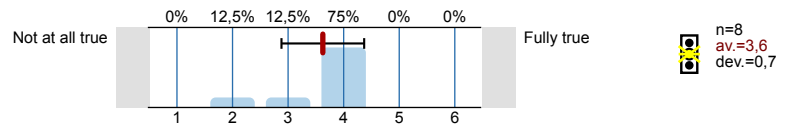
The course contents are adequately illustrated by reference to practice/application.



The subject is very well illustrated by experiments or the description of experiments.

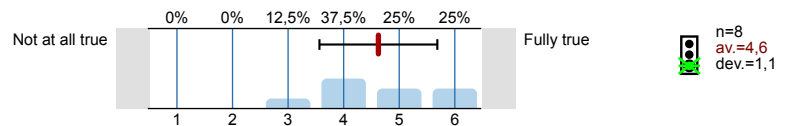


The subject is very well illustrated by examples.

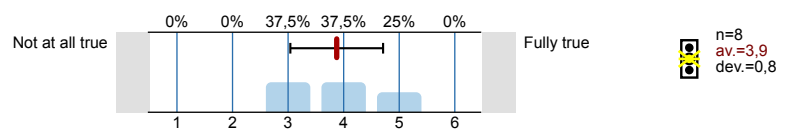


The lecturer's teaching style

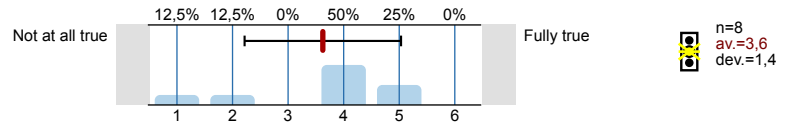
The lecturer often establishes relations between the contents.



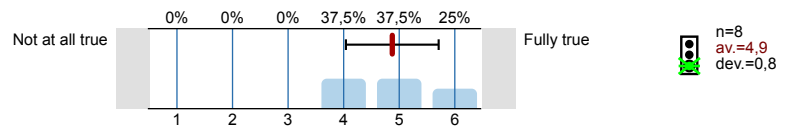
Difficult facts are always explained clearly.



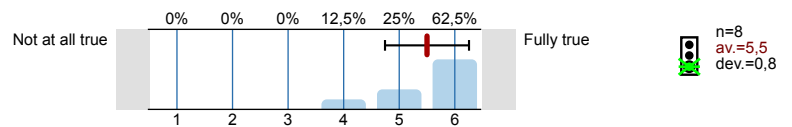
The lecturer uses a varied teaching approach (in the course).



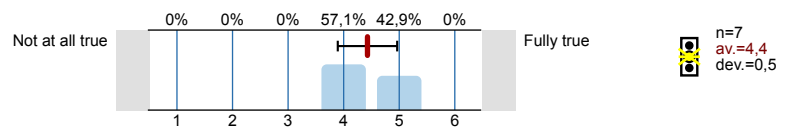
I find the lecturer always presents the course in an interesting way.



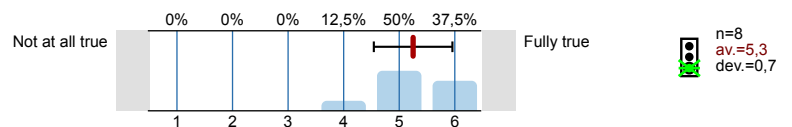
The lecturer always manages to keep up contact (e.g. eye contact) with the audience.



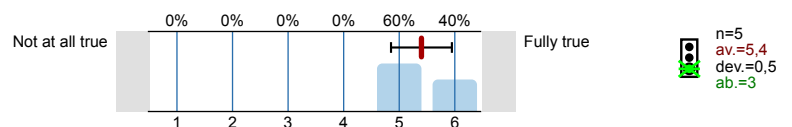
The lecturer always encourages active participation (e.g. asking questions, discussion).



The general climate of the course is very pleasant.

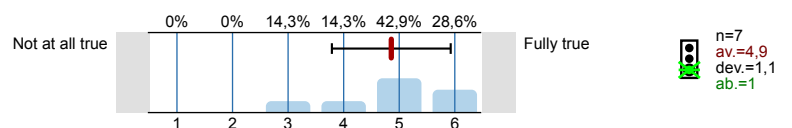


The lecturer always deals adequately with interruptions (e.g. noise or disturbance by participants or technical problems).

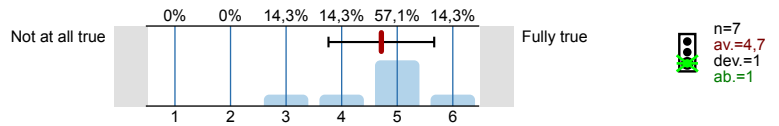


Your knowledge

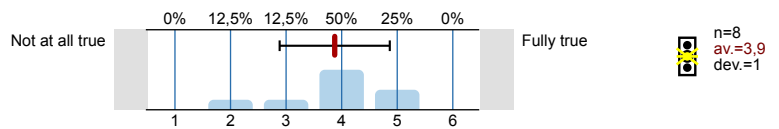
My state of knowledge has considerably grown since the course.



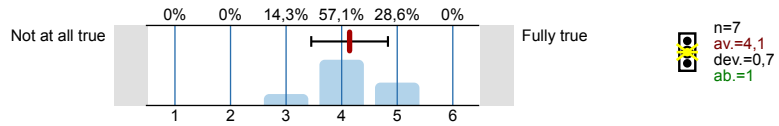
Now I have a considerably deeper knowledge than before the course.



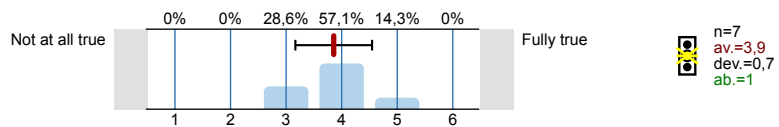
I've understood the most important content very well.



Due to this course I am capable of giving a good overview about the covered topic.

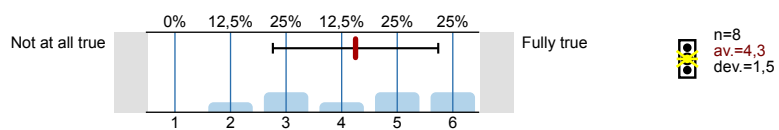


Due to this course I am capable of clearly describing the complex facts covered.

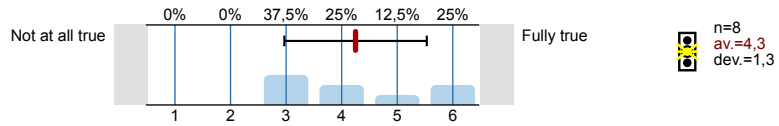


Overall course assessment

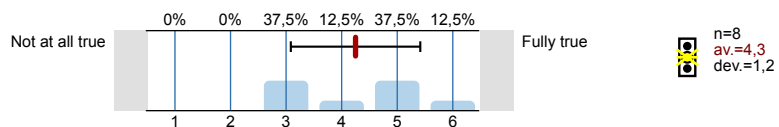
I learn things in this course which inspire me.



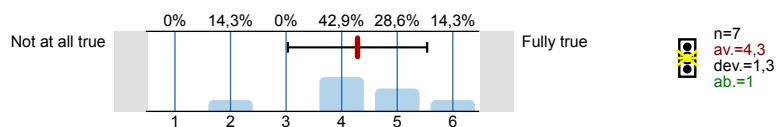
The course stimulates my interest in the subject material.



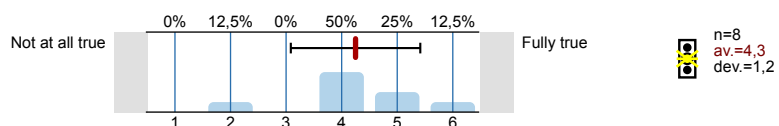
The course stimulates my interest in the studies



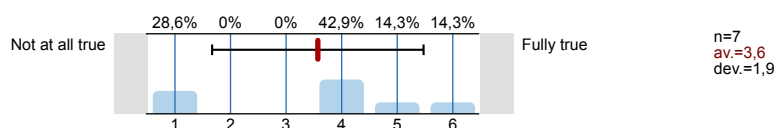
I would recommend this course.



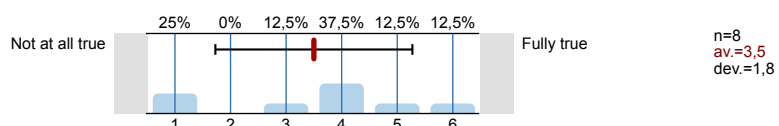
All in all the course is very good.



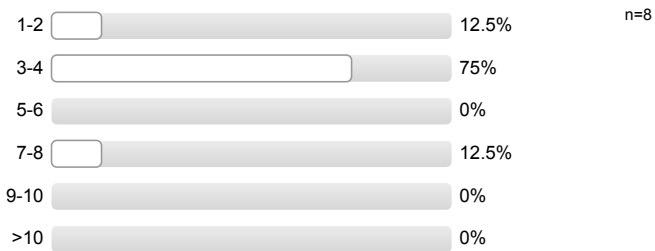
Course preparation and recapitulation were adequately supported by Lecture Capture.



Course preparation and recapitulation were adequately supported by E-Learning activities (e.g. Moodle).



What semester are you in?



Degree



Do you study for a teaching profession?



Profile

Subgroup: High Performance Computing 2 / Subgroup "Computational Science and Engineering"

Values used in the profile line: Mean

Organisation of the lecture

The course follows an easily comprehensible structure throughout the semester.	Not at all true		Fully true	n=8	av.=4,3	md=4,0	dev.=0,5
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.	Not at all true		Fully true	n=8	av.=3,9	md=4,0	dev.=1,0
The lecturer always gives helpful summaries and subject overviews.	Not at all true		Fully true	n=8	av.=4,4	md=4,5	dev.=0,7
Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.	Not at all true		Fully true	n=6	av.=4,2	md=4,0	dev.=0,8
The applied materials (e.g. slides, scripts) are very useful for understanding the content.	Not at all true		Fully true	n=6	av.=4,5	md=4,5	dev.=1,0
The applied materials (e.g. slides, scripts) are always designed clearly.	Not at all true		Fully true	n=6	av.=3,8	md=4,0	dev.=1,3






Course contents

The speed of teaching is always adequate.	Not at all true		Fully true	n=8	av.=3,5	md=3,5	dev.=1,3
The subject matter is not too difficult.	Not at all true		Fully true	n=7	av.=3,4	md=3,0	dev.=1,0
I had enough background knowledge to understand the contents well.	Not at all true		Fully true	n=8	av.=3,5	md=3,5	dev.=1,2
The course contents are adequately illustrated by reference to practice/application.	Not at all true		Fully true	n=8	av.=4,4	md=4,5	dev.=1,1
The subject is very well illustrated by experiments or the description of experiments.	Not at all true		Fully true	n=6	av.=4,0	md=4,0	dev.=1,1
The subject is very well illustrated by examples.	Not at all true		Fully true	n=8	av.=3,6	md=4,0	dev.=0,7








The lecturer's teaching style

The lecturer often establishes relations between the contents.	Not at all true		Fully true	n=8	av.=4,6	md=4,5	dev.=1,1
Difficult facts are always explained clearly.	Not at all true		Fully true	n=8	av.=3,9	md=4,0	dev.=0,8
The lecturer uses a varied teaching approach (in the course).	Not at all true		Fully true	n=8	av.=3,6	md=4,0	dev.=1,4
I find the lecturer always presents the course in an interesting way.	Not at all true		Fully true	n=8	av.=4,9	md=5,0	dev.=0,8
The lecturer always manages to keep up contact (e.g. eye contact) with the audience.	Not at all true		Fully true	n=8	av.=5,5	md=6,0	dev.=0,8
The lecturer always encourages active participation (e.g. asking questions, discussion).	Not at all true		Fully true	n=7	av.=4,4	md=4,0	dev.=0,5
The general climate of the course is very pleasant.	Not at all true		Fully true	n=8	av.=5,3	md=5,0	dev.=0,7
The lecturer always deals adequately with interruptions (e.g. noise or disturbance by participants or technical problems).	Not at all true		Fully true	n=5	av.=5,4	md=5,0	dev.=0,5

Your knowledge

My state of knowledge has considerably grown since the course.	Not at all true		Fully true	n=7	av.=4,9	md=5,0	dev.=1,1
Now I have a considerably deeper knowledge than before the course.	Not at all true		Fully true	n=7	av.=4,7	md=5,0	dev.=1,0
I've understood the most important content very well.	Not at all true		Fully true	n=8	av.=3,9	md=4,0	dev.=1,0
Due to this course I am capable of giving a good overview about the covered topic.	Not at all true		Fully true	n=7	av.=4,1	md=4,0	dev.=0,7
Due to this course I am capable of clearly describing the complex facts covered.	Not at all true		Fully true	n=7	av.=3,9	md=4,0	dev.=0,7

Overall course assessment

I learn things in this course which inspire me.	Not at all true		Fully true	n=8	av.=4,3	md=4,5	dev.=1,5
The course stimulates my interest in the subject material.	Not at all true		Fully true	n=8	av.=4,3	md=4,0	dev.=1,3
The course stimulates my interest in the studies	Not at all true		Fully true	n=8	av.=4,3	md=4,5	dev.=1,2
I would recommend this course.	Not at all true		Fully true	n=7	av.=4,3	md=4,0	dev.=1,3
All in all the course is very good.	Not at all true		Fully true	n=8	av.=4,3	md=4,0	dev.=1,2
Course preparation and recapitulation were adequately supported by Lecture Capture.	Not at all true		Fully true	n=7	av.=3,6	md=4,0	dev.=1,9
Course preparation and recapitulation were adequately supported by E-Learning activities (e.g. Moodle).	Not at all true		Fully true	n=8	av.=3,5	md=4,0	dev.=1,8

Comments Report

What do you particularly like in the course?

- Das thrama
- Funken: Die Idee, einen Code am Anfang zu zeigen, finde ich sehr gut. Mit dem Satz, dass wir diese Vorlesung auf den eingehen wollen, war das letzte Mal, dass Sie ihn erwähnen. Schade, dass sie danach nicht wieder darauf eingehen.
- Urban: Klare und meist nachvollziehbare Anschriebe. Erklärungen, die sie zusätzlich geben, machen einiges einfach klarer.

What could be improved? (if any, name suggestions for improvement)

- Der Aufwand für diese Veranstaltung steht in keinem Verhältnis zu den ECTS. Insbesondere der Aufwand für die Übungsblätter / Vorleistung ist exorbitant hoch auch im Vergleich zum vergangengenen Semester. Z.B. ist der Aufwand für Sheet5/2019 im Vergleich zum Sheet9/2018 mindestens dreimal so groß bei gleichem Themengebiet.
- Die Übungsblätter bitte fehlerfrei machen, echt nervig Zeit in die Übungsblätter zu stecken, nur um die das bereitgestelltes Material zum laufen zu bringen
- Ein Skript wäre sehr hilfreich, insbesondere da die Dozenten sich abwechseln. Manchmal ist der Zusammenhang bei einem Wechsel nicht ganz klar.
Zu Herrn Funken: Ein strukturierterer Tafelanschrieb (Überschriften) wäre hilfreich, um zu verstehen, um was es gerade geht. Meist fehlt mir die Motivation/ der Zusammenang, um was es in der Vorlesung gehen soll. Auch mündlich können sie noch klarer herausstellen, worauf sie hinauswollen. Die Struktur/ eine Gliederung ist mir meist nicht klar.
Herr Urban: Das Tempo ist oft einfach zu zügig. Da es kein Skript mit, muss man alles mitschreiben. Ich arbeite schon mit vielen Abkürzungen und dennoch reicht es mir nicht, auf ihre Kommentare etc. zu achten. Da geht leider viel zu viel links rein und direkt rechts wieder raus.
Zur Übung: Die Übungsblätter sind wirklich wahnsinnig aufwändig. Die Codes funktionieren oft nicht, aber man soll sie versethen. Die willkürliche Reihenfolge ist teils einfach ungeschickt und unfair.
- Ein Skript zu der Vorlesung wäre hilfreich, da es bei dem hohen Tempo oft schwer fällt zu folgen und gleichzeitig abzuschreiben.
Die Übungsaufgaben sind oft zu viel und das bereitgestellte Material fehlerhaft.
- More HPC, less numeric

High Performance Computing 2 / Subgroup \"Computational Science and Engineering\"

Responses = 8 questionnaires

Prof. Dr. Karsten Urban

