OTTO VON GUERICKE UNIVERSITÄT MAGDEBURG DER KANZLER

DEZERNAT
STUDIENANGELEGENHEITEN

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An:
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persönlich/vertraulich

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Evaluationsergebnisse Introduction to Simulation - WiSe 16/17

Sehr geehrter Herr Prof. Dr.-Ing. habil. Horton,

hiermit erhalten Sie die Evaluationsergebnisse Ihrer Lehrveranstaltung: Introduction to Simulation.

Wir bedanken uns herzlich für Ihre Bereitschaft zur Teilnahme!

Bitte schauen Sie sich die Auswertungsbögen an! Sollten Werte außerhalb Ihres Erwartungsbereiches liegen, unterstützt Sie das fokus:LEHRE-Team mit seiner Expertise in der Hochschulforschung und Professionalisierung der akademischen Lehre gern bei der Interpretation von Evaluationsergebnissen und der Generierung von Handlungskonzepten:
www.fokuslehre.ovgu.de

Darüber hinaus stehen natürlich auch wir, das Team des Sachgebiets Qualitätssicherung (qualitaet@ovgu.de), als Gesprächspartnerinnen für Ihre Fragen und Vorhaben zur Verfügung.

Die Original-Evaluationsbögen werden zum Ende des Semesters vernichtet. Nochmals herzlichen Dank für Ihr Engagement bei der Sicherung der Qualität von Studium und Lehre an unserer Universität.

Mit freundlichen Grüßen,
Franziska Genge, Niels Liebau

Anlage
Auswertungsbericht

Prof. Dr.-Ing. habil. Graham Horton

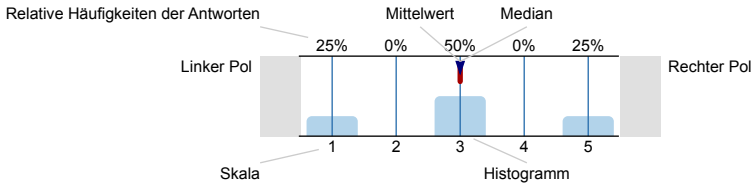
Introduction to Simulation ()
Erfasste Fragebögen = 31

INF

Auswertungsteil der geschlossenen Fragen

Legende

Fragetext



n=Anzahl
mw=Mittelwert
md=Median
E.=Enthaltung

Program:

n=30

IF	13.3%
WIF	6.7%
CV	16.7%
Inglf	6.7%
DKE	16.7%
DigiEng	40%
other faculty	0%

Degree:

n=29

B.Sc.	44.8%
M.Sc.	55.2%

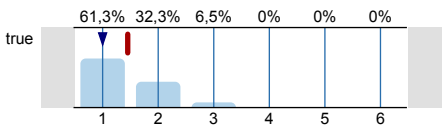
Semester:

n=31

1.	35.5%
2.	16.1%
3.	3.2%
4	6.5%
5.	38.7%
6.	0%
7.	0%
higher	0%

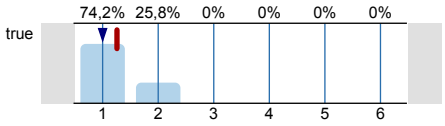
1. General

a) The meaning and/or applicability of the material is clear.



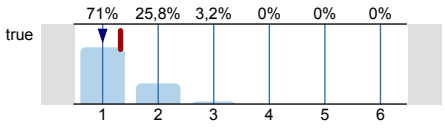
n=31
mw=1,5
md=1

b) Organisation and a priori information about the course are good.



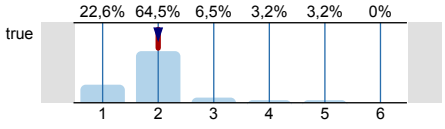
n=31
mw=1,3
md=1

c) The course is well-structured.



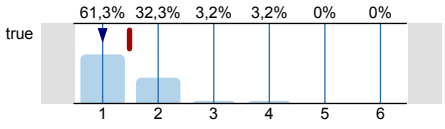
n=31
mw=1,3
md=1

d) I can cope with the amount of material in the course.



n=31
mw=2
md=2

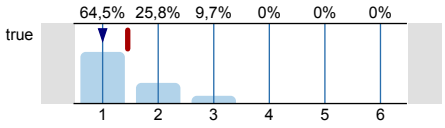
e) The requirements for the examination are clear.



n=31
mw=1,5
md=1

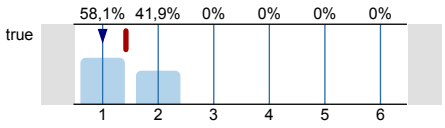
2. Didactics, Presentation and Script

a) The information on the slides and the blackboard is clear.



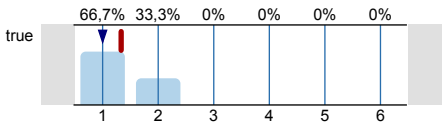
n=31
mw=1,5
md=1

b) The use of media is appropriate.



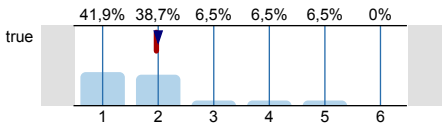
n=31
mw=1,4
md=1

c) The examples given are useful and interesting.



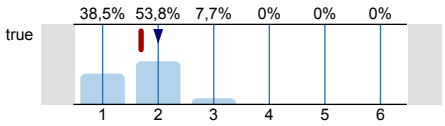
n=30
mw=1,3
md=1

d) I can understand the material – there is enough time to follow the lecture.



n=31
mw=2
md=2

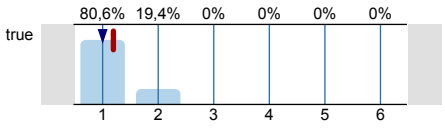
e) The script is useful (if a script is provided).



n=26
mw=1,7
md=2

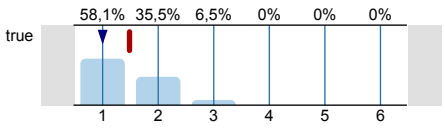
3. Lecturer

a) The lecturer is competent.



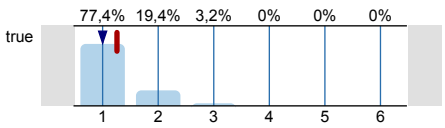
n=31
mw=1,2
md=1

b) The lecturer sparks my interest in the subject.



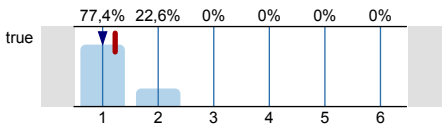
n=31
mw=1,5
md=1

c) The lecturer has a good style of presentation. .



n=31
mw=1,3
md=1

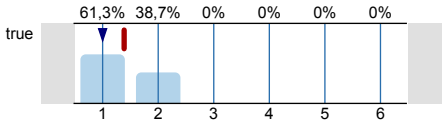
d) The lecturer makes sure that the material is understood.



n=31
mw=1,2
md=1

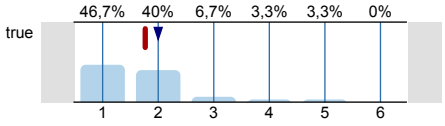
4. Tutorials (if appropriate)

a) The lecturer is competent.



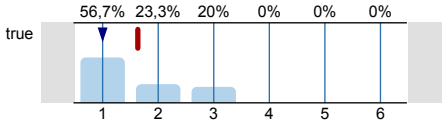
n=31
mw=1,4
md=1

b) The lecturer has a good style of presentation.



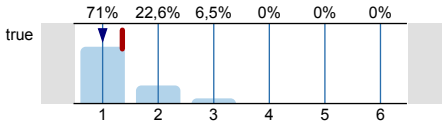
n=30
mw=1,8
md=2

c) The lecturer makes sure that the material is understood.



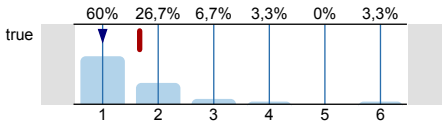
n=30
mw=1,6
md=1

d) Tutorial and lecture are well-coordinated.



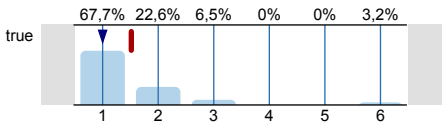
n=31
mw=1,4
md=1

e) The tutorial is well-structured.



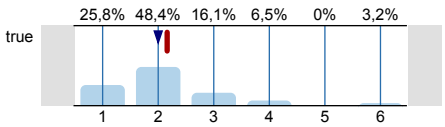
n=30
mw=1,7
md=1

f) The tutorial is a good addition to the lecture.



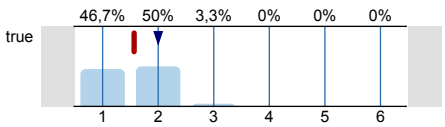
n=31
mw=1,5
md=1

g) The exercises are easy to understand.



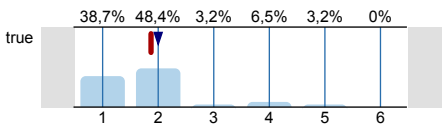
n=31
mw=2,2
md=2

h) The exercises support the understanding of the subject.



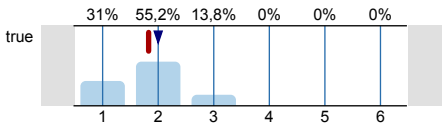
n=30
mw=1,6
md=2

i) The level of difficulty of the exercises is adequate.



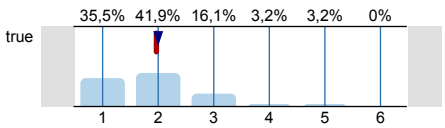
n=31
mw=1,9
md=2

j) The conveyed contents are in line with the learning targets.



n=29
mw=1,8
md=2

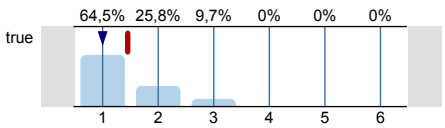
k) I can cope well with the amount of material in the tutorial.



n=31
mw=2
md=2

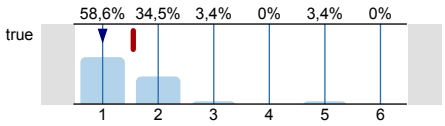
5. Summary

a) This is a high-quality course.



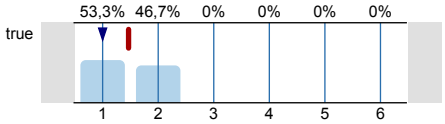
n=31
mw=1,5
md=1

b) I have learned a lot in this course.



n=29
mw=1,6
md=1

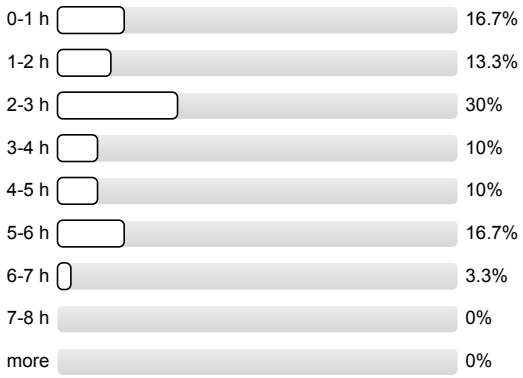
c) I would recommend this course to other students.



n=30
mw=1,5
md=1

d) How many hours a week do you invest on the whole course (without lecture, tutorial etc.)?

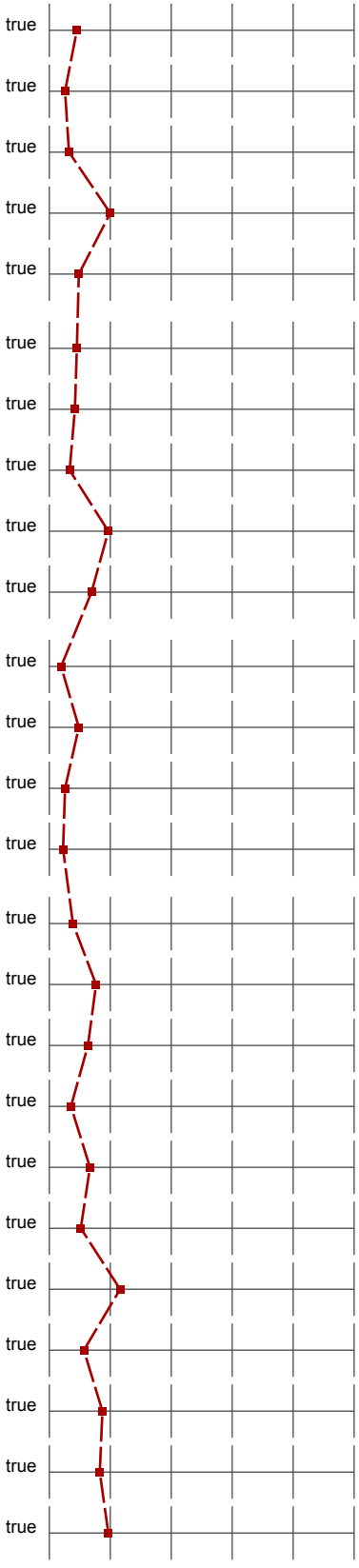
n=30



Profillinie

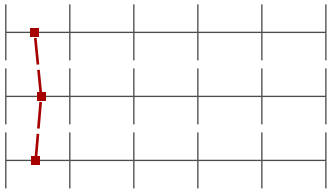
Teilbereich: Fakultät für Informatik (FIN)
Name der/des Lehrenden: Prof. Dr.-Ing. habil. Graham Horton
Titel der Lehrveranstaltung: (Name der Umfrage) Introduction to Simulation

Verwendete Werte in der Profillinie: Mittelwert



a) The meaning and/or applicability of the material is clear.	true	not true	n=31	mw=1,5	md=1,0	s=0,6
b) Organisation and a priori information about the course are good.	true	not true	n=31	mw=1,3	md=1,0	s=0,4
c) The course is well-structured.	true	not true	n=31	mw=1,3	md=1,0	s=0,5
d) I can cope with the amount of material in the course.	true	not true	n=31	mw=2,0	md=2,0	s=0,9
e) The requirements for the examination are clear.	true	not true	n=31	mw=1,5	md=1,0	s=0,7
a) The information on the slides and the blackboard is clear.	true	not true	n=31	mw=1,5	md=1,0	s=0,7
b) The use of media is appropriate.	true	not true	n=31	mw=1,4	md=1,0	s=0,5
c) The examples given are useful and interesting.	true	not true	n=30	mw=1,3	md=1,0	s=0,5
d) I can understand the material – there is enough time to follow the lecture.	true	not true	n=31	mw=2,0	md=2,0	s=1,2
e) The script is useful (if a script is provided).	true	not true	n=26	mw=1,7	md=2,0	s=0,6
a) The lecturer is competent.	true	not true	n=31	mw=1,2	md=1,0	s=0,4
b) The lecturer sparks my interest in the subject.	true	not true	n=31	mw=1,5	md=1,0	s=0,6
c) The lecturer has a good style of presentation. .	true	not true	n=31	mw=1,3	md=1,0	s=0,5
d) The lecturer makes sure that the material is understood.	true	not true	n=31	mw=1,2	md=1,0	s=0,4
a) The lecturer is competent.	true	not true	n=31	mw=1,4	md=1,0	s=0,5
b) The lecturer has a good style of presentation.	true	not true	n=30	mw=1,8	md=2,0	s=1,0
c) The lecturer makes sure that the material is understood.	true	not true	n=30	mw=1,6	md=1,0	s=0,8
d) Tutorial and lecture are well-coordinated.	true	not true	n=31	mw=1,4	md=1,0	s=0,6
e) The tutorial is well-structured.	true	not true	n=30	mw=1,7	md=1,0	s=1,1
f) The tutorial is a good addition to the lecture.	true	not true	n=31	mw=1,5	md=1,0	s=1,0
g) The exercises are easy to understand.	true	not true	n=31	mw=2,2	md=2,0	s=1,1
h) The exercises support the understanding of the subject.	true	not true	n=30	mw=1,6	md=2,0	s=0,6
i) The level of difficulty of the exercises is adequate.	true	not true	n=31	mw=1,9	md=2,0	s=1,0
j) The conveyed contents are in line with the learning targets.	true	not true	n=29	mw=1,8	md=2,0	s=0,7
k) I can cope well with the amount of material in the tutorial.	true	not true	n=31	mw=2,0	md=2,0	s=1,0

a) This is a high-quality course.	true	not true	n=31 mw=1,5 md=1,0 s=0,7
b) I have learned a lot in this course.	true	not true	n=29 mw=1,6 md=1,0 s=0,9
c) I would recommend this course to other students.	true	not true	n=30 mw=1,5 md=1,0 s=0,5



6. Below you have the possibility to express criticism and commendations, or to make suggestions. What was good in your opinion, and what needs to be changed?

I particularly liked …

that, course material is so practical that, you can start using thing you learned in this class immediatly in real life.

the course is well structured.

organized and well structured.
made very easy to follow.

content of the course, presentation, explanation and quality of course

The lecture/course as it is related to real world and the ideas are dropped in a Model in Simulink. which makes satis-fy about the logic

the way of explaining things in the lecture and not finding yourself listening to a soliloquy.
Also knowing the learning goals helps a lot.

to creat a model fit the difficulties we face in the real world to calculate & so on.

Representation.

This course is helpful to do simulations for my Projects.

The way of teaching and enabling the intrest of students

The Content of This Course. I personally think That it's Really useful for further Studies and can be a huge assesment to me in future Reasearch

The way prof. Horton & prof. Krull makes the subject very interesting. They try to reduce the complexity of the subject, ~~so that~~ and make it ~~very~~ understandable and interesting. The modeling of various ~~situations~~ problems in the AnyLogic software is done amazingly. The presentation of the contents is very good. The concepts are made crystal clear

The structure of the course, the slides/approach [learning goal], the concepts

- The course structure
- assignments.

Explanations in the lecture were ~~qu~~ quite good and intuitiv. However, a lot of the underlying math gets skipped. At some points it would be more interesting to also learn about this component. Though some/most students might not agree.

the examples

- the style of the lecture and tutorial
- the organisation of the tutorial (eg. Semester Project)

I did not like …

Assignments are more time consuming.

Too many assignments

never get time to ~~pract~~ do the exercise parallely.

Slides are not self descriptive; The requirements of getting the +1 CP for the master Students are 100% of all assignments and housework, so it is time consuming especially with the need to do the master assignment for the exam.

—

the tutorial

skipping the math

The assignements, They are too much to Cope and a Student cannot finish The assignements before The exam.

—

The DURATION OF THE COURSE

bee

The course could be improved by …

making the tutorials obligatory. I would have learne more if I was forced to do at least 50%-60% of the exercises for eg. a test admission.

more Examples want to be explained in lecture.

- Allowing students to solve the models in the exercise class, rather than the tutor solving them using the projector screen.

less Assignments and more focusing on learning AnyLogic by Practice

Solving the assignments in the class after we try them at home, since AnyLogic is something new and it is ubiquitous to face technical errors.
Decreasing the demand for an extra credit in the light of having to do the master assignment to get 20% of the final exams' grade.

Some tasks should be presented by the students throughout the course.

- some colours used on the presentation are not always colour-blind friendly

more reallife simulations.

I guess for the majority of people it's alright. Emphasizing special cases where things don't behave/work out as shown in the lecture would be nice. Most of the times the real world doesn't behave as perfect as the assignment

Making the tutorial interesting. By using a ~~Ex~~ Computer Lab approach, where everybody (who likes) can do software along with the professor. Professor should take everyone with same pace.

INCREASING DURATION OF COURSE / Improving No. of hours / week.

—

decreasing the amount of assignments to ↑ solv for master student to get the 1 credit point. [since to get the 6 credit points for master stu they need to solve all assignment which needs a lot of time especially

I would recommend to other students who chose this course …

—

to Study More Than 12 hours a week and 6 hours for The Assignments

Yes, as you can simulate real-time world examples and live projects to work on

Yes, this is a very interesting course; especially for the students who have interest in modelling & simulation. As long as it is concerned to me; it is my favourite course & would love to recommend it to others.

Yes

to not miss a class and study the course material weekly.

to learn more about probabilities, pdistributions and random variables by self studying.

to go to the tutorials. Everything is explained and showed in detail. One of the best classes I have experienced so far.

YES.

. to go to every lecture and tutorial

. to keep up with the exercises

To consider the demandability of it, especially that first ~~out~~ lectures may seem easy and appealing, but afterwards the required time to follow the lectures escalate sharply.

Other comments:

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IN DEPTH KNOWLEDGE REQUIRED MORE.

Dr. Horton is one of the best Lecturer. Likes giving Lectures, experienced and takes a very approach into making things understood to students. Very organized.

Prof. Clandia has the best English.

Thanks for giving such information to know about the simulation and atleast got an opportunity to learn in Masters :)

If the lecture is not visited, the slides can be hard to comprehend. (especially diagrams, since they hardly contain any textual explanations)