Sehr geehrter Herr Prof. Dr. Tobias Jahnke (PERSÖNLICH)

Auswertungsbericht Lehrveranstaltungsevaluation an die Lehrenden

Sehr geehrter Herr Prof. Dr. Jahnke,

mit diesem Schreiben erhalten Sie die Ergebnisse der automatisierten Auswertung Ihrer Lehrveranstaltung „Finite Element Methods“.

Ihre Lehrveranstaltung „Finite Element Methods“ hat den Lehrqualitätsindex

LQI = 100.

Die Auswertung zu Ihrer Lehrveranstaltung gliedert sich in folgende Abschnitte:

Mit freundlichen Grüßen,
Ihr Evaluationsteam
1. Questions relating to Lectures

1.1) My commitment to this course is reflected by: (multiple choice)

- regular attendance: 94.1% (n=17)
- constant taking of notes: 88.2%
- active contributions: 5.9%
- regular studying at home: 35.3%
- study group attendance: 23.5%
- reading of the recommended literature: 11.8%
- work through scripts/materials: 58.8%
- tutorial/exercise attendance: 64.7%
- internet research: 17.6%

1.2) How do you assess the participation of your colleagues in the course?

- very intensive: 17.6% (n=17)
- very much: 83.4%
- not at all: 0%

1.3) How much do you enjoy attending this course?

- very much: 83.4% (n=17)
- not at all: 0%

1.4) Why do you attend this course?

- compulsory/optional compulsory course: 64.7% (n=17)
- personal interest: 35.3%
- for repetition/specialization: 23.5%
- Studium Generale: 11.8%
Coordination of the contents of this course with that of other courses in my curriculum is very good

How applicable are the following statements to you?

1.6) Aims and requirements of the lecture are cleary formulated.

1.7) The design (with regard to contents) of the lecture was comprehensible to me.

1.8) The relevance of the topics was made clear.

1.9) The presentation (on blackboard or the like) was clear.

1.10) The presentation (on blackboard or the like) was legible.

1.11) The lecture stimulated my interest in the subject.

1.12) I felt free to bring in questions and comments.

1.13) The knowledge gain was very high.

Please rate the lecture regarding the following aspects:

1.14) Contents

1.15) Previous knowledge required

1.16) Clarity (by helpful examples)

1.17) Suitability of teaching and learning materials if offered
1.18) How often did you participate in the lecture?

- 0-25%: 0%
- 25-50%: 0%
- 50-75%: 11.8%
- 75-100%: 88.2%

1.19) How many hours per week have you put, on average, into your preparation and follow-up for this course, so far?

- none: 5.9%
- <1 h: 17.6%
- 1<2 h: 17.6%
- 2<3 h: 41.2%
- 3<4 h: 5.9%
- 4<5 h: 0%
- 5<6 h: 0%
- 6<7 h: 0%
- 7 h and more: 5.9%

1.20) My knowledge of the contents of the lecture mainly results from (multiple answers possible)

- lecture: 100%
- exercise course: 64.7%
- tutorial: 23.5%
- lecture notes: 64.7%
- literature: 11.8%
- internet: 11.8%
- others: 11.8%

Please rate the following criteria:

1.21) The amount of topics was ...

- too small: 5.9% too big
- too small: 26.5%
- too small: 41.2%
- too big: 0%
- too big: 0%
- too big: 0%

1.22) The requirements of the lecture on me were ...

- too low: 5.9% too high
- too low: 17.6%
- too low: 47.1%
- too high: 29.4%
- too high: 0%
- too high: 0%

1.23) The speed was ...

- too slow: 6.7% too fast
- too slow: 6.7%
- too slow: 80%
- too fast: 0%
- too fast: 0%
- too fast: 0%

1.24) Do you understand the importance of the course contents to your further studies?

- very clearly: 43.8% very clearly
- not at all: 43.8% very clearly
1.25) The course enhances (multiple choice)

- my practical competences: 52.9%
- transfer and application of the lessons learned to other contexts: 82.4%
- my analytical capacities: 82.4%
- my own initiative: 17.6%
- my capacity to cooperate: 5.9%
- my independent working skills: 23.5%

1.26) I learn a lot during this course

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<tr>
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<th>3</th>
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<tbody>
<tr>
<td>75</td>
<td>20</td>
<td>0</td>
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n=12, mw=1.25, s=0.45

2. Questions concerning room conditions

2.1) The size of the room in comparison to the number of course participants is

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<tbody>
<tr>
<td>appropriate</td>
<td>82.4%</td>
<td>17.6%</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

n=17, mw=1.18, s=0.39

2.2) The acoustics in this room is

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<th>5</th>
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</thead>
<tbody>
<tr>
<td>very good</td>
<td>82.4%</td>
<td>11.8%</td>
<td>5.9%</td>
<td>0</td>
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</tbody>
</table>

n=17, mw=1.24, s=0.56

2.3) View conditions in this room are

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<th>5</th>
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</thead>
<tbody>
<tr>
<td>very good</td>
<td>31.3%</td>
<td>6.3%</td>
<td>6.3%</td>
<td>25%</td>
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n=16, mw=3.19, s=1.72

3. Questions concerning the lecturer

3.1) Does the lecturer present current research activities?

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<th>5</th>
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</thead>
<tbody>
<tr>
<td>very strongly</td>
<td>31.3%</td>
<td>25%</td>
<td>6.3%</td>
<td>31.3%</td>
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n=16, mw=2.56, s=1.41

3.2) Does the lecturer point out the connection between theory and practice?

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</thead>
<tbody>
<tr>
<td>very strongly</td>
<td>47.1%</td>
<td>47.1%</td>
<td>0%</td>
<td>5.9%</td>
</tr>
</tbody>
</table>

n=17, mw=1.65, s=0.79

4. Questions relating to the studies

4.1) Current study course:

- Bachelor Mathematics: 5.9%
- Master Mathematics: 52.9%
- Master Economathematics: 0%
- Master TeMa: 35.3%
- Teaching degree: 0%
- Diploma Mathematics: 0%
- Diploma Economathematics: 0%
- Diploma TeMa: 0%
- Others: 5.9%
4.2) What is your semester?

1-2: 35.3%  
3-4: 23.5%  
5-6: 11.8%  
7-8: 11.8%  
>8: 17.6%  
n=17

4.3) Did you attend one or several of the following prep or in-depth courses? (multiple answers are permitted)

- prep course mathematics: 17.6%  
- MINT-Kolleg courses: 0%  
- none: 58.8%  
n=17

5. Comments

Anonymity cannot be guaranteed for handwritten comments. Please, disguise your writing style, if necessary.

6. Monitoring

6.1) Please rate the course as a whole

very good: 87.5%  
very well: 12.5%  
adequate: 0%  
inadequate: 0%  
very bad: 0%  
n=16  
mw=1.13  
s=0.34

6.2) How large is the amount of work for this course?

very small: 6.3%  
small: 31.3%  
adequate: 50%  
inadequate: 12.5%  
very large: 0%  
n=16  
mw=3.63  
s=0.96

6.3) The amount of work required for this course is...

adequate: 56.3%  
inadequate: 37.5%  
very small: 6.3%  
very large: 0%  
n=16  
mw=1.5  
s=0.63

6.4) How is the course structured?

very well: 81.3%  
adequate: 18.8%  
inadequate: 0%  
very badly: 0%  
n=16  
mw=1.19  
s=0.4

6.5) Does the lecturer appear dedicated and motivated during the course?

very strongly: 81.3%  
adequate: 18.8%  
inadequate: 0%  
very badly: 0%  
not at all: 0%  
n=16  
mw=1.19  
s=0.4

6.6) Is the lecturer responsive to questions and concerns of the students?

very strongly: 87.5%  
very well: 12.5%  
inadequate: 0%  
very badly: 0%  
not at all: 0%  
n=16  
mw=1.13  
s=0.34

Thank you for your cooperation!  
For more information see: www.pst.kit.edu/eval-info
### 1. Questions relating to Lectures

| 1.2) How do you assess the participation of your colleagues in the course? | very intensive | very small | n=17 | mw=2,06 |
| 1.3) How much do you enjoy attending this course? | very much | not at all | n=17 | mw=1,18 |
| 1.5) Coordination of the contents of this course with that of other courses in my curriculum is | very good | very bad | n=15 | mw=1,33 |
| 1.6) Aims and requirements of the lecture are clearly formulated. | yes, absolutely | no, not at all | n=17 | mw=1,06 |
| 1.7) The design (with regard to contents) of the lecture was comprehensible to me. | yes, absolutely | no, not at all | n=17 | mw=1,18 |
| 1.8) The relevance of the topics was made clear. | yes, absolutely | no, not at all | n=17 | mw=1,35 |
| 1.9) The presentation (on blackboard or the like) was clear. | yes, absolutely | no, not at all | n=17 | mw=1,06 |
| 1.10) The presentation (on blackboard or the like) was legible. | yes, absolutely | no, not at all | n=17 | mw=1,18 |
| 1.11) The lecture stimulated my interest in the subject. | yes, absolutely | no, not at all | n=17 | mw=1,29 |
| 1.12) I felt free to bring in questions and comments. | yes, absolutely | no, not at all | n=16 | mw=1,56 |
| 1.13) The knowledge gain was... | very high | very small | n=17 | mw=1,53 |
| 1.14) Contents | very easy | very difficult | n=17 | mw=3,41 |
| 1.15) Previous knowledge required | very little | very much | n=17 | mw=2,94 |
| 1.16) Clarity (by helpful examples) | very clear | very abstract | n=17 | mw=2,65 |
| 1.17) Suitability of teaching and learning materials if offered | very good | very bad | n=14 | mw=1,50 |
| 1.21) The amount of topics was... | too small | too big | n=17 | mw=3,06 |
| 1.22) The requirements of the lecture on me were... | too low | too high | n=17 | mw=3,00 |
| 1.23) The speed was... | too slow | too fast | n=15 | mw=2,87 |
| 1.24) Do you understand the importance of the course contents to your further studies? | very clearly | not at all | n=16 | mw=1,69 |
| 1.26) I learn a lot during this course | completely true | not at all | n=12 | mw=1,25 |

### 2. Questions concerning room conditions

| 2.1) The size of the room in comparison to the number of course participants is | appropriate | inappropriate | n=17 | mw=1,18 |
| 2.2) The acoustics in this room is | very good | very bad | n=17 | mw=1,24 |
2.3) View conditions in this room are

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n=16  mw=3.19

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n=16  mw=2.56

3.2) Does the lecturer point out the connection between theory and practice?

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n=17  mw=1.65

6. Monitoring

6.1) Please rate the course as a whole

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n=16  mw=1.13

6.2) How large is the amount of work for this course?

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n=16  mw=3.63

6.3) The amount of work required for this course is...

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<th>Adequate</th>
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<th>Inadequate</th>
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n=16  mw=1.50

6.4) How is the course structured?

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n=16  mw=1.19

6.5) Does the lecturer appear dedicated and motivated during the course?

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n=16  mw=1.19

6.6) Is the lecturer responsive to questions and concerns of the students?

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n=16  mw=1.13
5. Comments

5.1) Do you have suggestions for improvement concerning the organisation of the lecture (e.g. exercise courses, tutorials ...)

The lecture is not completely flawless. On one section, there was an enumeration mistake. The lecturer also should explain more precisely in which sense he means, when he says "there are constants independent of h,l, etc..."

The professor is \textit{the best}！

blackboard in 1.067 Χ

5.2) Remarks concerning the lecture in total (praise, criticism, wishes, ...)

The lecture was okay

I really like this course. The professor is one of not many professors who speaks good English and writes clearly on a blackboard.

Great job, very good explanations!

One of the best lectures so far, good dealing with the blackboard issue.