1 Lecture Evaluation

1.1 Please rate the lecture’s concept.

1.1.1 How often did you attend the lecture?

<table>
<thead>
<tr>
<th>Always – Never</th>
<th>27%</th>
<th>73%</th>
<th>0%</th>
<th>0%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 11
Durchschnitt: 1.7
Standardabweichung: 0.4

1.1.2 Did the lecture appear to be clearly structured to you?

<table>
<thead>
<tr>
<th>Yes – No</th>
<th>64%</th>
<th>27%</th>
<th>9%</th>
<th>0%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 11
Durchschnitt: 1.5
Standardabweichung: 0.7

1.1.3 Have topics been illustrated by sensible examples?

<table>
<thead>
<tr>
<th>Always – Never</th>
<th>18%</th>
<th>64%</th>
<th>9%</th>
<th>9%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 11
Durchschnitt: 2.1
Standardabweichung: 0.8

1.1.4 Were the slides/lecture notes helpful?

<table>
<thead>
<tr>
<th>Very helpful – Not helpful</th>
<th>27%</th>
<th>46%</th>
<th>9%</th>
<th>18%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 11
Durchschnitt: 2.2
Standardabweichung: 1.0

1.1.5 Have the topics been explained extensively enough?

<table>
<thead>
<tr>
<th>Always – Never</th>
<th>18%</th>
<th>36%</th>
<th>27%</th>
<th>18%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 11
Durchschnitt: 2.5
Standardabweichung: 1.0

2 Lecturer Evaluation

2.1 Please rate Prof. Dr. Jürgen Gall.

2.1.1 How much of the content do you understand during the lecture?

<table>
<thead>
<tr>
<th>Everything – Nothing</th>
<th>0%</th>
<th>54%</th>
<th>36%</th>
<th>9%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 11
Durchschnitt: 2.5
Standardabweichung: 0.7
2.1.2 Did the lecturer answer your questions profoundly?

Always – Never

Antworten: 11
Durchschnitt: 1.2
Standardabweichung: 0.4

<table>
<thead>
<tr>
<th>Always</th>
<th>Never</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>82%</td>
<td>18%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>

2.1.3 Was the lecturer available for questions outside of the lecture?

Always – Never

Antworten: 9
Durchschnitt: 1.4
Standardabweichung: 0.7

<table>
<thead>
<tr>
<th>Always</th>
<th>Never</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>67%</td>
<td>22%</td>
<td>11%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>

2.1.4 Could you understand the lecturer acoustically?

Very well – Not at all

Antworten: 9
Durchschnitt: 1.6
Standardabweichung: 0.7

<table>
<thead>
<tr>
<th>Very well</th>
<th>Not at all</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>56%</td>
<td>33%</td>
<td>11%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>

2.1.5 The speed of proceeding was...

Too fast – Too slow

Antworten: 11
Durchschnitt: 1.8
Standardabweichung: 0.6

<table>
<thead>
<tr>
<th>Too fast</th>
<th>Too slow</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>27%</td>
<td>64%</td>
<td>9%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>

3 Module Evaluation

3.1 Please rate the module as a whole.

3.1.1 Did the course teach you helpful knowledge and abilities that will be useful in later work life?

Much – Nothing

Antworten: 11
Durchschnitt: 1.1
Standardabweichung: 0.3

<table>
<thead>
<tr>
<th>Much</th>
<th>Nothing</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>91%</td>
<td>9%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>

3.1.2 Do the obligatory course achievements support successful completion of the module?

Yes – No

Antworten: 11
Durchschnitt: 2.5
Standardabweichung: 0.9

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>9%</td>
<td>54%</td>
<td>18%</td>
<td>18%</td>
<td>0%</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>
3.1.3 Do you think the obligatory course achievements are adequate?

Yes – No

Antworten: 11
Durchschnitt: 2.2
Standardabweichung: 0.8

3.1.4 Did your interest in this module's field of study change?

Strongly inc. – Strongly dec.

Antworten: 11
Durchschnitt: 1.6
Standardabweichung: 0.8

3.1.5 Would you recommend taking this module to your best friend?

Yes – No

Antworten: 11
Durchschnitt: 2.1
Standardabweichung: 1.2

3.1.6 In relation to the number of credit points awarded, is the amount of work to be done justified?

Too high – Too low

Antworten: 11
Durchschnitt: 2.6
Standardabweichung: 1.0

3.2 How much time did you spend on this module every week, including lecture, exercises, exercise tasks...?

[0,3) hours 0 %
[3,6) hours 0 %
[6,8) hours 9 %
[8,10) hours 18 %
[10,12) hours 18 %
[12,∞) hours 46 %

4 Exercise Evaluation

4.1 Please rate the quality of the exercises that accompanied the lecture.

4.1.1 How often did you attend the exercise class?

Always – Never

Antworten: 11
Durchschnitt: 2.7
Standardabweichung: 1.2
### 4.1.2 Have the exercise sheets been available on time?

<table>
<thead>
<tr>
<th>Always – Never</th>
<th>82%</th>
<th>9%</th>
<th>9%</th>
<th>0%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 11  
Durchschnitt: 1.3  
Standardabweichung: 0.6

### 4.1.3 The difficulty of the exercise sheets varied...

<table>
<thead>
<tr>
<th>Not at all – Greatly</th>
<th>9%</th>
<th>27%</th>
<th>9%</th>
<th>27%</th>
<th>27%</th>
</tr>
</thead>
</table>

Antworten: 11  
Durchschnitt: 3.4  
Standardabweichung: 1.4

### 4.1.4 Did the contents of the exercises match the current contents of the lecture?

<table>
<thead>
<tr>
<th>Lecture far ahead – Lecture far behind</th>
<th>0%</th>
<th>9%</th>
<th>82%</th>
<th>9%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 11  
Durchschnitt: 3.0  
Standardabweichung: 0.4

### 4.1.5 Judge the size of your exercise group!

<table>
<thead>
<tr>
<th>Too big – Too small</th>
<th>0%</th>
<th>0%</th>
<th>91%</th>
<th>9%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 11  
Durchschnitt: 3.1  
Standardabweichung: 0.3

### 4.1.6 Usually I thought the exercises were...

<table>
<thead>
<tr>
<th>Too difficult – Very easy</th>
<th>36%</th>
<th>18%</th>
<th>36%</th>
<th>9%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 11  
Durchschnitt: 2.2  
Standardabweichung: 1.0

### 5 Exercise Class Evaluation

#### 5.1 Please rate the exercise class you visited.

#### 5.1.1 Has the tutor been available for questions outside of the tutorial?

<table>
<thead>
<tr>
<th>Always – Never</th>
<th>80%</th>
<th>10%</th>
<th>10%</th>
<th>0%</th>
<th>0%</th>
</tr>
</thead>
</table>

Antworten: 10  
Durchschnitt: 1.3  
Standardabweichung: 0.6
5.1.2 Could you understand your tutor’s corrections and gradings?

Always – Never

Antworten: 10
Durchschnitt: 1.8
Standardabweichung: 0.9

5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?

Always – Never

Antworten: 10
Durchschnitt: 1.5
Standardabweichung: 0.8

5.1.4 Would you recommend visiting this exercise class?

Yes – No

Antworten: 10
Durchschnitt: 1.8
Standardabweichung: 0.9

6 Comprehensive Rating

6.1 Please give an overall rating of the course on a scale from excellent (1) to very poor (6).

excellent (1) 36%
good (2) 54%
satisfactory (3) 9%
adequate (4) 0%
poor (5) 0%
very poor (6) 0%

7 Free Text Comments

7.1 Which aspects of the course did you like?

- Very useful and interesting topics
- Image / Video animations
- Model solutions for exercises
- Alex is a very good tutor
- Diversity of topics
- Usually good examples
- Usage of sciebo
- Practical assignments
- Intensive knowledge for real-life situations
- Structured lectures
This course deals with wide ranges of contents in this field, but just taking this one course, I feel to get strong base knowledge of this field.

Course material is very condensed but well selected and focused.

### 7.2 What could be improved?

Naming the "Christmas sheet" "Christmas sheet" is a bad idea because of the alphabetic sort. Something like "Sheet-07-Christmas sheet" would be a lot better.

- The lecture should go more in detail. Sometimes, it is impossible to implement the algorithms without reading the papers completely.
- Sources/papers for algorithms are only provided every second time.
- Proofs in exercises sometimes impossible hard.
- Variables of formulas in lecture should be defined.

- Starting the module with some of the camera basics would have been wise.
- Workload is huge compared to other 9LP courses.

Very large content
- Many assignments
- No much time for a segment, less than 5 days

Sometimes unclear

This course should give more credit even though it is already 9 credit lecture

Exercises should have much more theoretical questions.

### 7.3 You can leave remarks and further feedback here.

The exercises need a lot of time to solve.
- The speed of the lecture is very high, the content sometimes very difficult.

This course really withy to take for someone who want to try this research even even though he will spend tremendous times for this class.

More theoretical exercise would be helpful to understand the topics in more tetail.
Lecturers’ Questionnaire
This part contains data provided by the lecturers.

1 Lecture metadata

| Number of students in the lecture at the beginning of the semester | 30 |
| Number of students in the lecture at the end of the semester  | 24 |
| Number of students participating in the exercise classes at the beginning of the semester | 7 |
| Number of students participating in the exercise classes at the end of the semester | 9 |
| Number of students that have registered for the exam | 33 |

2 Exercise classes

| Number of exercise classes | 2 |
| Average number of students per exercise class at the end of the semester | 4.5 |

The students have been assigned to an exercise class in the following way:
Tutorienvergabesystem (TVS)

3 Helpful stuff

There has been a text exam.
Sample solutions for exercise tasks have been distributed.

4 Free text comments

4.1 In your opinion, what aspects of the module worked well this semester?


4.2 What would you change if you were to offer this module again and why?


4.3 In case there have been obligatory course achievements: Please judge on their effectivity regarding the learning success of the students.

The programming exercises are important to understand the algorithms discussed in the lecture.

4.4 Further remarks

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