Artificial Life – Dr. Nils Goerke

Artificial Life – Dr. Nils Goerke

Lecture Survey – Fachschaft Informatik

October 28, 2018

Turned in Questionnaires: 50
1 Lecture Evaluation

1.1 Please rate the lecture’s concept.

1.1.1 How often did you attend the lecture?

Always – Never
Answers: 45
Mean: 1.2
Standard-Deviation: 0.5

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

Yes – No
Answers: 44
Mean: 1.2
Standard-Deviation: 0.4

1.1.3 Have topics been illustrated by sensible examples?

Always – Never
Answers: 43
Mean: 1.6
Standard-Deviation: 0.8

1.1.4 Were the slides/lecture notes helpful?

Very helpful – Not helpful
Answers: 45
Mean: 1.3
Standard-Deviation: 0.5

1.1.5 Have the topics been explained extensively enough?

Always – Never
Answers: 43
Mean: 1.6
Standard-Deviation: 0.7
2 Lecturer Evaluation

2.1 Please rate Dr. Nils Goerke.

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

Everything – Nothing

<table>
<thead>
<tr>
<th>Answer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>38%</td>
</tr>
<tr>
<td>2</td>
<td>53%</td>
</tr>
<tr>
<td>3</td>
<td>9%</td>
</tr>
<tr>
<td>4</td>
<td>0%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

Answers: 45
Mean: 1.7
Standard-Deviation: 0.6

2.1.2 Did the lecturer answer your questions profoundly?

Always – Never

<table>
<thead>
<tr>
<th>Answer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>74%</td>
</tr>
<tr>
<td>2</td>
<td>19%</td>
</tr>
<tr>
<td>3</td>
<td>7%</td>
</tr>
<tr>
<td>4</td>
<td>0%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

Answers: 43
Mean: 1.3
Standard-Deviation: 0.6

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

Always – Never

<table>
<thead>
<tr>
<th>Answer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>66%</td>
</tr>
<tr>
<td>2</td>
<td>17%</td>
</tr>
<tr>
<td>3</td>
<td>17%</td>
</tr>
<tr>
<td>4</td>
<td>0%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

Answers: 35
Mean: 1.5
Standard-Deviation: 0.8

2.1.4 Could you understand the lecturer acoustically?

Very well – Not at all

<table>
<thead>
<tr>
<th>Answer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>77%</td>
</tr>
<tr>
<td>2</td>
<td>18%</td>
</tr>
<tr>
<td>3</td>
<td>4%</td>
</tr>
<tr>
<td>4</td>
<td>0%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

Answers: 44
Mean: 1.3
Standard-Deviation: 0.5

2.1.5 The speed of proceeding was...

Too fast – Too slow

<table>
<thead>
<tr>
<th>Answer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2%</td>
</tr>
<tr>
<td>2</td>
<td>14%</td>
</tr>
<tr>
<td>3</td>
<td>79%</td>
</tr>
<tr>
<td>4</td>
<td>5%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

Answers: 43
Mean: 2.9
Standard-Deviation: 0.5
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
  - Answers: 44
  - Mean: 2.1
  - Standard-Deviation: 0.9
  - Ratings: 29% 39% 27% 4% 0%

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

- Yes – No
  - Answers: 43
  - Mean: 1.4
  - Standard-Deviation: 0.5
  - Ratings: 58% 40% 2% 0% 0%

3.1.3 Do you think the obligatory course achievements are adequate?

- Yes – No
  - Answers: 43
  - Mean: 1.5
  - Standard-Deviation: 0.7
  - Ratings: 63% 28% 7% 2% 0%

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

- Strongly inc. – Strongly dec.
  - Answers: 43
  - Mean: 2.1
  - Standard-Deviation: 0.9
  - Ratings: 26% 40% 30% 5% 0%

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

- Yes – No
  - Answers: 45
  - Mean: 1.4
  - Standard-Deviation: 0.6
  - Ratings: 69% 27% 4% 0% 0%
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

Answers: 44  
Mean: 2.8  
Standard-Deviation: 0.5

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

<table>
<thead>
<tr>
<th></th>
<th>0,3) hours</th>
<th>3,6) hours</th>
<th>6,8) hours</th>
<th>8,10) hours</th>
<th>10,12) hours</th>
<th>12,∞) hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6%</td>
<td>40%</td>
<td>28%</td>
<td>14%</td>
<td>2%</td>
<td>0%</td>
</tr>
</tbody>
</table>

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

Answers: 44  
Mean: 1.7  
Standard-Deviation: 0.9

4.1.2 Have the exercise sheets been available on time?

Always – Never

Answers: 44  
Mean: 1.1  
Standard-Deviation: 0.3

4.1.3 The difficulty of the exercise sheets varied...

Not at all – Greatly

Answers: 42  
Mean: 2.9  
Standard-Deviation: 1.0
4.1.4 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

<table>
<thead>
<tr>
<th>Rating</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2%</td>
</tr>
<tr>
<td>2</td>
<td>7%</td>
</tr>
<tr>
<td>3</td>
<td>90%</td>
</tr>
<tr>
<td>4</td>
<td>0%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

Answers: 41
Mean: 2.9
Standard-Deviation: 0.4

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

Too big – Too small

<table>
<thead>
<tr>
<th>Rating</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2%</td>
</tr>
<tr>
<td>2</td>
<td>11%</td>
</tr>
<tr>
<td>3</td>
<td>77%</td>
</tr>
<tr>
<td>4</td>
<td>9%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

Answers: 44
Mean: 2.9
Standard-Deviation: 0.5

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

Too difficult – Very easy

<table>
<thead>
<tr>
<th>Rating</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5%</td>
</tr>
<tr>
<td>2</td>
<td>12%</td>
</tr>
<tr>
<td>3</td>
<td>65%</td>
</tr>
<tr>
<td>4</td>
<td>19%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

Answers: 43
Mean: 3.0
Standard-Deviation: 0.7

---

## 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?

Always – Never

<table>
<thead>
<tr>
<th>Rating</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>43%</td>
</tr>
<tr>
<td>2</td>
<td>32%</td>
</tr>
<tr>
<td>3</td>
<td>23%</td>
</tr>
<tr>
<td>4</td>
<td>2%</td>
</tr>
<tr>
<td>5</td>
<td>0%</td>
</tr>
</tbody>
</table>

Answers: 40
Mean: 1.9
Standard-Deviation: 0.9

5.1.2 Could you understand your tutor’s corrections and gradings?

Always – Never

<table>
<thead>
<tr>
<th>Rating</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>35%</td>
</tr>
<tr>
<td>2</td>
<td>40%</td>
</tr>
<tr>
<td>3</td>
<td>16%</td>
</tr>
<tr>
<td>4</td>
<td>7%</td>
</tr>
<tr>
<td>5</td>
<td>2%</td>
</tr>
</tbody>
</table>

Answers: 43
Mean: 2.0
Standard-Deviation: 1.0
5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?

Always – Never

Answers: 42
Mean: 1.8
Standard-Deviation: 0.8

5.1.4 Would you recommend visiting this exercise class?

Yes – No

Answers: 44
Mean: 1.8
Standard-Deviation: 1.0

6 Comprehensive Rating

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

<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>excellent (1)</td>
<td>44%</td>
</tr>
<tr>
<td>good (2)</td>
<td>42%</td>
</tr>
<tr>
<td>satisfactory (3)</td>
<td>2%</td>
</tr>
<tr>
<td>adequate (4)</td>
<td>0%</td>
</tr>
<tr>
<td>poor (5)</td>
<td>0%</td>
</tr>
<tr>
<td>very poor (6)</td>
<td>0%</td>
</tr>
</tbody>
</table>

7 Free Text Comments

7.1 Which aspects of the course did you like?

- Organization
- Timetable

Examples, real life related scenarios

well-structured, interesting topics, understandable slides

content and lecturer

second half of the lecture

The way the entire course was structured, it was not that difficult to keep a track of thinfs

- content
- lecturer
- structure
practical examples from biology

the many examples

Interesting Programming Assignments

The relation between theoretical part and exercises

The slides is easy to understand

The interesting topics

- Different from other CS lectures (topic)

- good structure of the whole lecture
- tasks on exercise sheets would be done (in most cases) good with the help of the slides

cellular automate
Evolutionary Algorithm

The contents and professors explanation are really good.

- coarse content was interesting, especially towards the end.

7.2 What could be improved?

- Exercise Tutors
- Exercise Sheets should be reduced to fit

Slides could be better

first half should be removed

Since the course is a little bit intense I would recommend it to be of slightly higher credits

INCLUSION OF MORE EXAMPLES

- more content

The tutors should explain their grading for the PAs

Please provide the slides before the lecture

Explain the complex models more in detail

- More examples to motivate the content
- More padding at the top of the slides (very important!)
More detailed examples

- it is already good enough

- a few exercises had questions that were easy but extremely time consuming for low marks removing / replacing these would be better

7.3 You can leave remarks and further feedback here.

- Exercise sheets should be fid, not more than fid

Useful and interesting content

thanks for flow information

Danke Shun!

Excellent!

I explicitly thank Nild Goerke for providing such structured, exciting and nice content & lecture!