Mobile Communication – Dr. rer. nat. Matthias Frank, Prof. Dr. Peter Martini

Lecture Survey – Fachschaft Informatik

September 7, 2019

Turned in Questionnaires: 36

1 Lecture Evaluation

1.1 Please rate the lecture's concept.

1.1.1 How often did you attend the lecture?
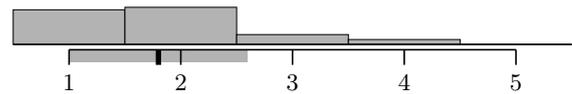
Always – Never   40 %   43 %   11 %   6 %   0 %

Answers: 35
Mean: 1.8
Standard-Deviation: 0.8

1.1.2 Did the lecture appear to be clearly structured to you?
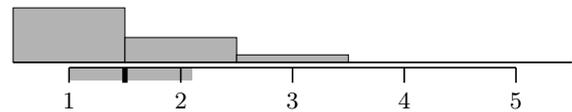
Yes – No   63 %   29 %   9 %   0 %   0 %

Answers: 35
Mean: 1.5
Standard-Deviation: 0.6

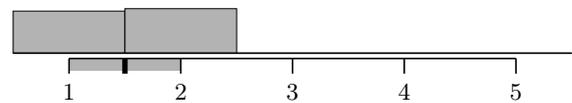1.1.3 Have topics been illustrated by sensible examples?

Always – Never   49 %   51 %   0 %   0 %   0 %

Answers: 35
Mean: 1.5
Standard-Deviation: 0.5

1.1.4 Were the slides/lecture notes helpful?
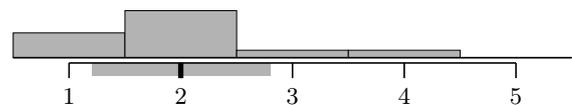
Very helpful – Not helpful   29 %   54 %   9 %   9 %   0 %

Answers: 35
Mean: 2.0
Standard-Deviation: 0.8

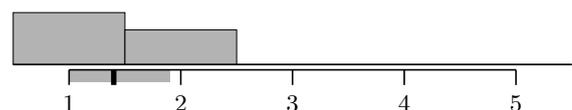1.1.5 Have the topics been explained extensively enough?

Always – Never   60 %   40 %   0 %   0 %   0 %

Answers: 35
Mean: 1.4
Standard-Deviation: 0.5

2 Lecturer Evaluation

2.1 Please rate Dr. rer. nat. Matthias Frank.

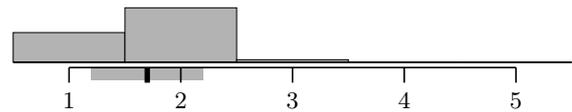2.1.1 How much of the content do you understand during the lecture?

Everything – Nothing

| 34 % | 63 % | 3 % | 0 % | 0 % |

Answers: 35
Mean: 1.7
Standard-Deviation: 0.5

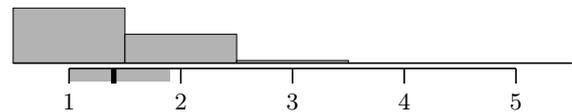2.1.2 Did the lecturer answer your questions profoundly?

Always – Never

| 64 % | 33 % | 3 % | 0 % | 0 % |

Answers: 33
Mean: 1.4
Standard-Deviation: 0.5

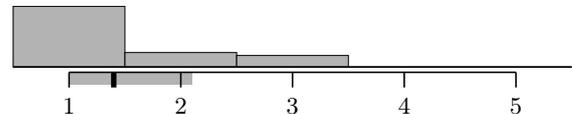2.1.3 Was the lecturer available for questions outside of the lecture?

Always – Never

| 70 % | 17 % | 13 % | 0 % | 0 % |

Answers: 30
Mean: 1.4
Standard-Deviation: 0.7

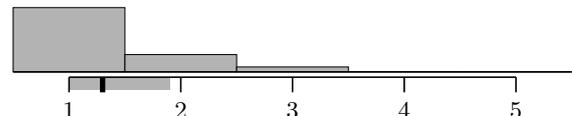2.1.4 Could you understand the lecturer acoustically?

Very well – Not at all

| 74 % | 20 % | 6 % | 0 % | 0 % |

Answers: 35
Mean: 1.3
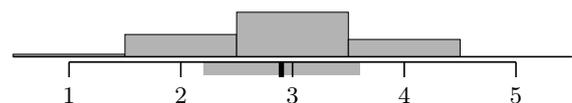Standard-Deviation: 0.6

2.1.5 The speed of proceeding was...

Too fast – Too slow

| 3 % | 26 % | 51 % | 20 % | 0 % |

Answers: 35
Mean: 2.9
Standard-Deviation: 0.7

2.2 Please rate Prof. Dr. Peter Martini.

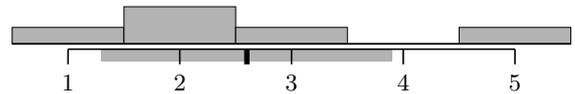2.2.1 How much of the content do you understand during the lecture?

Everything – Nothing

| 19 % | 43 % | 19 % | 0 % | 19 % |

Answers: 21
Mean: 2.6
Standard-Deviation: 1.3

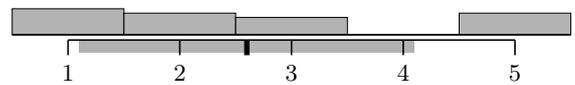2.2.2 Did the lecturer answer your questions profoundly?

Always – Never

| 30 % | 25 % | 20 % | 0 % | 25 % |

Answers: 20
Mean: 2.6
Standard-Deviation: 1.5

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

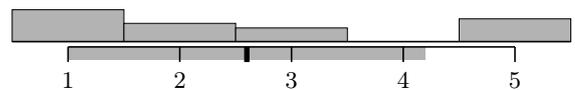Always – Never

| 37 % | 21 % | 16 % | 0 % | 26 % |

Answers: 19
Mean: 2.6
Standard-Deviation: 1.6

2.2.4 Could you understand the lecturer acoustically?
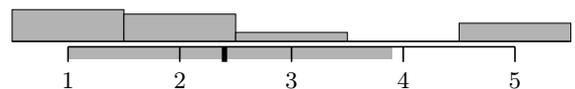
Very well – Not at all

| 37 % | 32 % | 10 % | 0 % | 21 % |

Answers: 19
Mean: 2.4
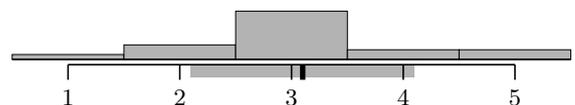Standard-Deviation: 1.5

2.2.5 The speed of proceeding was...

Too fast – Too slow

| 6 % | 17 % | 56 % | 11 % | 11 % |

Answers: 18
Mean: 3.1
Standard-Deviation: 1.0

3 Module Evaluation

3.1 Please rate the module as a whole.
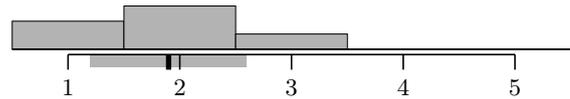
3.1.1 Did the course teach you helpful knowledge and abilities that will be useful in later work life?

Much – Nothing   32 %   50 %   18 %   0 %   0 %

Answers: 34
Mean: 1.9
Standard-Deviation: 0.7

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

Yes – No   39 %   49 %   9 %   3 %   0 %

Answers: 33
Mean: 1.8
Standard-Deviation: 0.7
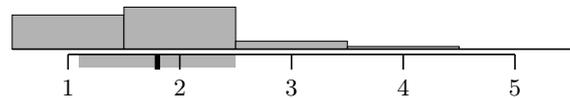
3.1.3 Do you think the obligatory course achievements are adequate?

Yes – No   64 %   33 %   3 %   0 %   0 %

Answers: 33
Mean: 1.4
Standard-Deviation: 0.5
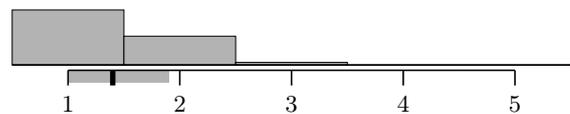
3.1.4 Did your interest in this module's field of study change?

Strongly inc. – Strongly dec.   15 %   47 %   38 %   0 %   0 %

Answers: 34
Mean: 2.2
Standard-Deviation: 0.7

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

Yes – No   54 %   42 %   3 %   0 %   0 %

Answers: 33
Mean: 1.5
Standard-Deviation: 0.6

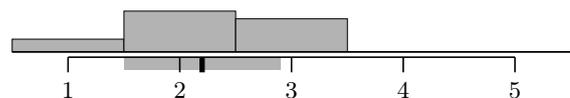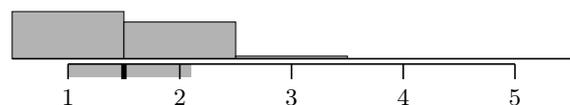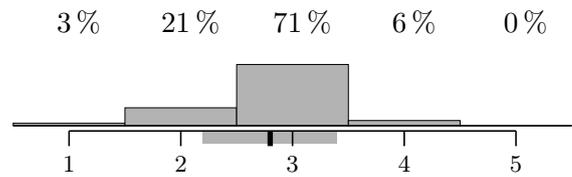3.1.6 In relation to the number of credit points awarded, is the amount of work to be done justified?

Too high – Too low   3 %   21 %   71 %   6 %   0 %

Answers: 34
Mean: 2.8
Standard-Deviation: 0.6

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

[0,3) hours	9 %	
[3,6) hours	63 %	
[6,8) hours	22 %	
[8,10) hours	6 %	
[10,12) hours	0 %	
[12,∞) hours	0 %	
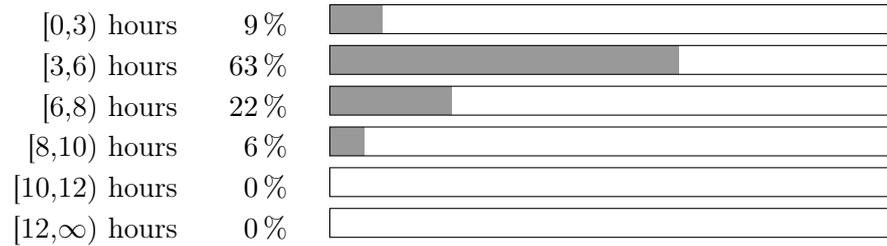
4 Exercise Evaluation

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   63 %   37 %   0 %   0 %   0 %

Answers: 35
Mean: 1.4
Standard-Deviation: 0.5

4.1.2 Have the exercise sheets been available on time?

Always – Never   58 %   33 %   6 %   3 %   0 %

Answers: 36
Mean: 1.5
Standard-Deviation: 0.7

4.1.3 The difficulty of the exercise sheets varied...

Not at all – Greatly

| 14 % | 39 % | 31 % | 11 % | 6 % |

Answers: 36
Mean: 2.6
Standard-Deviation: 1.0

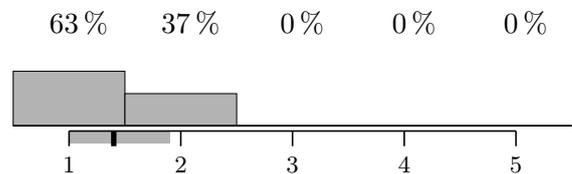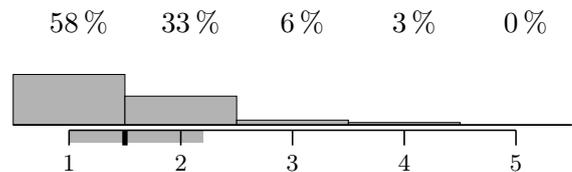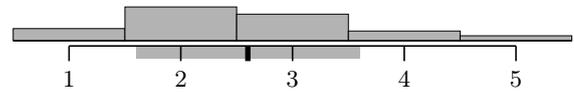4.1.4 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

| 3 % | 26 % | 66 % | 6 % | 0 % |

Answers: 35
Mean: 2.7
Standard-Deviation: 0.6
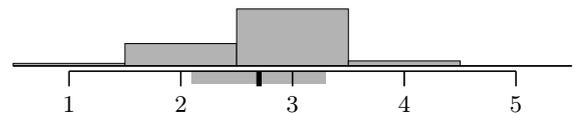
4.1.5 Judge the size of your exercise group!

Too big – Too small

| 3 % | 9 % | 86 % | 0 % | 3 % |

Answers: 35
Mean: 2.9
Standard-Deviation: 0.6
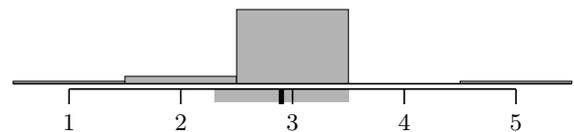
4.1.6 Usually I thought the exercises were...

Too difficult – Very easy

| 8 % | 14 % | 56 % | 22 % | 0 % |

Answers: 36
Mean: 2.9
Standard-Deviation: 0.8
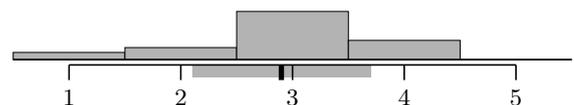
5 Exercise Class Evaluation

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

| 69 % | 22 % | 9 % | 0 % | 0 % |

Answers: 32
Mean: 1.4
Standard-Deviation: 0.7
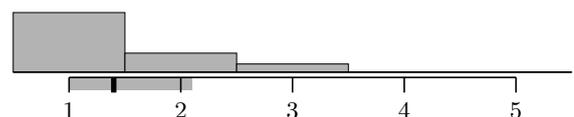
5.1.2 Could you understand your tutor's corrections and gradings?

Always – Never   63 %   34 %   3 %   0 %   0 %

Answers: 35
Mean: 1.4
Standard-Deviation: 0.5
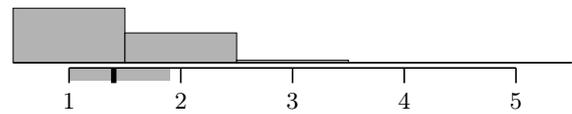
5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?

Always – Never   67 %   31 %   3 %   0 %   0 %

Answers: 36
Mean: 1.4
Standard-Deviation: 0.5
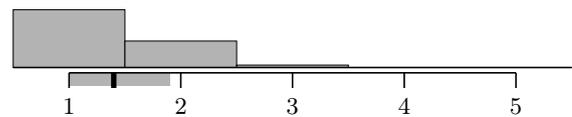
5.1.4 Would you recommend visiting this exercise class?

Yes – No   66 %   20 %   14 %   0 %   0 %

Answers: 35
Mean: 1.5
Standard-Deviation: 0.7
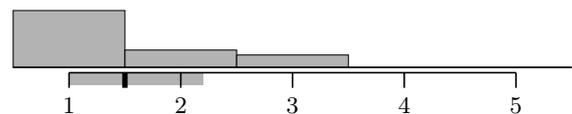
6 Comprehensive Rating

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

excellent (1)	25 %	
good (2)	67 %	
satisfactory (3)	3 %	
adequate (4)	3 %	
poor (5)	3 %	
very poor (6)	0 %	

7 Free Text Comments

7.1 Which aspects of the course did you like?

LoRa

Course content

LORAWAN

The lecture is taught in a very intutive way.

Exercise Part especially Lorawan Protokol Communication

- EXERCISES
- SLIDES

practical demonstrations by Fabian

SDR showcase was cool

The homework was interesting, and while challenging, was fun and helped me understand the lecture

a good overview of mobile technoligy

Overall coverage of different wireless technologies

- slides have all relevant information on it

examples that Professor Provides are really effective.
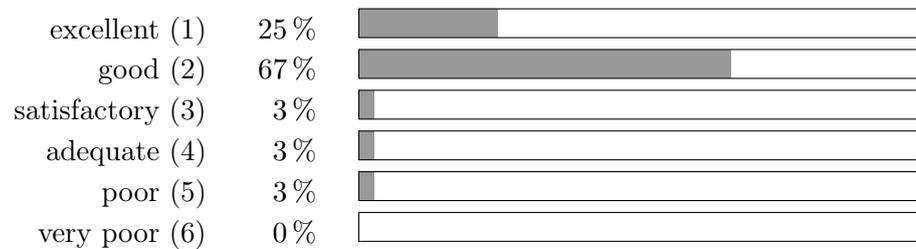
the exercises

- in depth display of concepts
- a lot of side information to give context

the lecture

7.2 What could be improved?

more Iot related concepts

more explanations could be added in the slides.

Slides should have more details.

Chapter 6 last slides are not quite relevant and interesting

There are so many contexts. It is so hard to stay concentrated.

- MORE INTERACTIVE CLASS

More relation between practical exercises and the lecture

faster

Better time management for the lectures

less repetition of basics that should be known.
More advanced topics

more detail on slides for self review. I found myself using google a lot when reading the slides

more aspects of current technology

The introduction in the first two lectures is way too extensive.
Maybe less introduction and more content.

The slides about more propagation was a bit complex

- the gradings for the exercises should be published faster

I think it is good to add more examples to slides.

7.3 You can leave remarks and further feedback here.

Make the slides more comprehensive please.

I wasn't available very often but the overall impression was good

- The deadline for exercises are behind the exercise date.
- Brings confusion

Ich dachte die blöde Anwesenheitspflicht wäre abgeschafft worden.
Hier besteht sie trotzdem...
Macht mir so manchen schönen Dienstag kaputt...

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	50
Number of students in the lecture at the end of the semester	30
Number of students participating in the exercise classes at the beginning of the semester	50
Number of students participating in the exercise classes at the end of the semester	45
Number of students that have registered for the exam	57

2 Exercise classes

Number of exercise classes	1
Average number of students per exercise class at the end of the semester	45

The students have been assigned to an exercise class in the following way:

Not applicable: There is only one exercise class.

3 Helpful stuff

There has been **no** test exam.

Sample solutions for exercise tasks have **not** been distributed.

4 Free text comments

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

- Lecture and exercises kept in sync - New topic LoRaWAN

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

- Rework lecture topics a bit to make more room for e.g. 4G and 5G networks - correction of exercise solutions should be faster

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

- Students did practical work on the lecture topics, helping for a better understanding of those topics

4.4 Further remarks