Image Processing, Search and Analysis I – Prof. Dr. Christian Bauckhage

Lecture Survey – Fachschaft Informatik

May 8, 2019

Turned in Questionnaires: 25

1 Lecture Evaluation

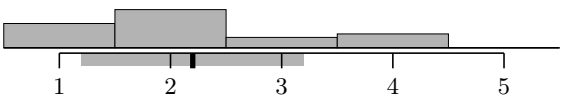
1.1 Please rate the lecture's concept.

1.1.1 How often did you attend the lecture?

Always – Never

28 % 44 % 12 % 16 % 0 %

Answers: 25
Mean: 2.2
Standard-Deviation: 1.0

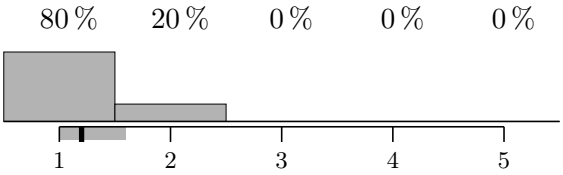


1.1.2 Did the lecture appear to be clearly structured to you?

Yes – No

80 % 20 % 0 % 0 % 0 %

Answers: 25
Mean: 1.2
Standard-Deviation: 0.4

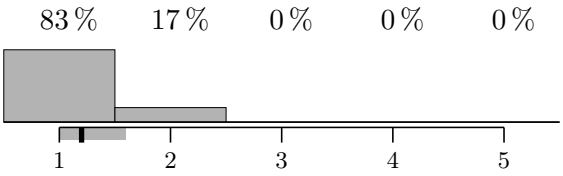


1.1.3 Have topics been illustrated by sensible examples?

Always – Never

83 % 17 % 0 % 0 % 0 %

Answers: 24
Mean: 1.2
Standard-Deviation: 0.4

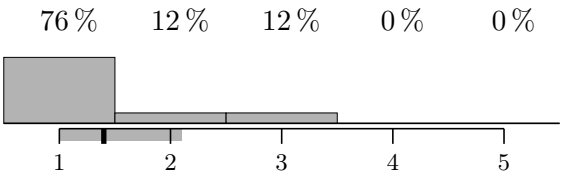


1.1.4 Were the slides/lecture notes helpful?

Very helpful – Not helpful

76 % 12 % 12 % 0 % 0 %

Answers: 25
Mean: 1.4
Standard-Deviation: 0.7

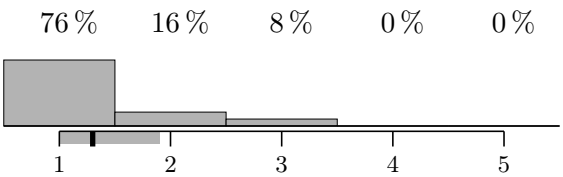


1.1.5 Have the topics been explained extensively enough?

Always – Never

76 % 16 % 8 % 0 % 0 %

Answers: 25
Mean: 1.3
Standard-Deviation: 0.6



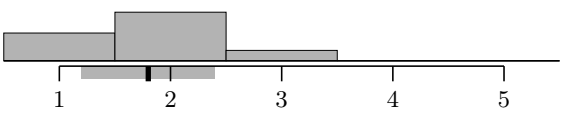
2 Lecturer Evaluation

2.1 Please rate Prof. Dr. Christian Bauckhage.

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

Everything – Nothing

32 % 56 % 12 % 0 % 0 %

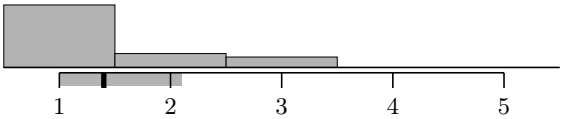


Answers: 25
Mean: 1.8
Standard-Deviation: 0.6

2.1.2 Did the lecturer answer your questions profoundly?

Always – Never

72 % 16 % 12 % 0 % 0 %

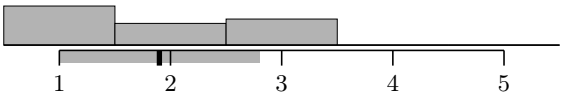


Answers: 25
Mean: 1.4
Standard-Deviation: 0.7

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

Always – Never

45 % 25 % 30 % 0 % 0 %

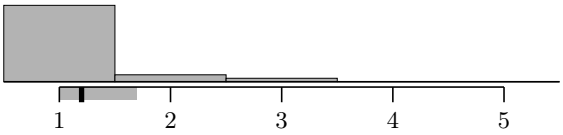


Answers: 20
Mean: 1.9
Standard-Deviation: 0.9

2.1.4 Could you understand the lecturer acoustically?

Very well – Not at all

88 % 8 % 4 % 0 % 0 %

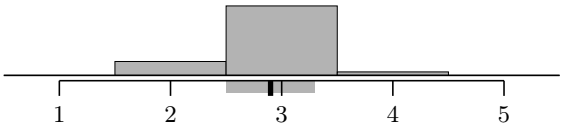


Answers: 25
Mean: 1.2
Standard-Deviation: 0.5

2.1.5 The speed of proceeding was...

Too fast – Too slow

0 % 16 % 80 % 4 % 0 %



Answers: 25
Mean: 2.9
Standard-Deviation: 0.4

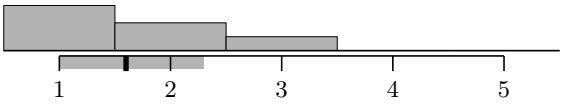
3 Module Evaluation

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

52 % 32 % 16 % 0 % 0 %

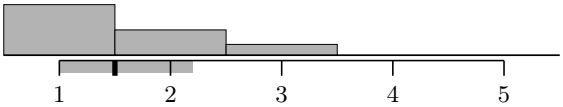


Answers: 25
Mean: 1.6
Standard-Deviation: 0.7

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

Yes – No

58 % 29 % 13 % 0 % 0 %

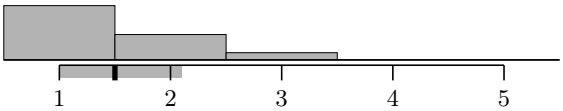


Answers: 24
Mean: 1.5
Standard-Deviation: 0.7

3.1.3 Do you think the obligatory course achievements are adequate?

Yes – No

63 % 29 % 8 % 0 % 0 %

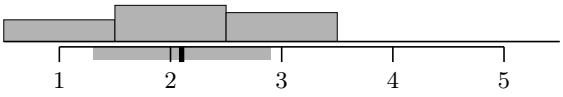


Answers: 24
Mean: 1.5
Standard-Deviation: 0.6

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

Strongly inc. – Strongly dec.

25 % 42 % 33 % 0 % 0 %

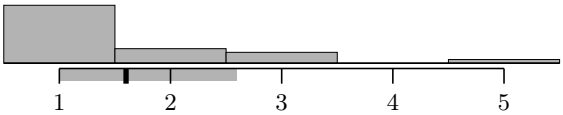


Answers: 24
Mean: 2.1
Standard-Deviation: 0.8

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

Yes – No

67 % 17 % 13 % 0 % 4 %

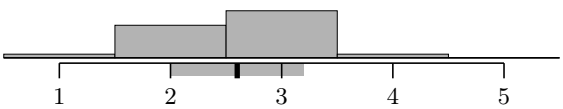


Answers: 24
Mean: 1.6
Standard-Deviation: 1.0

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

4 % 38 % 54 % 4 % 0 %



Answers: 24
Mean: 2.6
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	17 %
[3,6) hours	26 %
[6,8) hours	30 %
[8,10) hours	22 %
[10,12) hours	4 %
[12,∞) hours	0 %

4 Exercise Evaluation

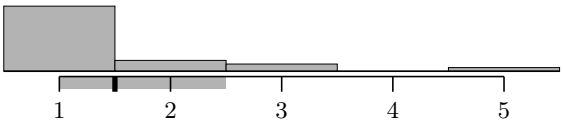
4.1 Please rate the quality of the exercises that accompanied the lecture.

4.1.1 How often did you attend the exercise class?

Always – Never

75 % 13 % 8 % 0 % 4 %

Answers: 24
Mean: 1.5
Standard-Deviation: 1.0

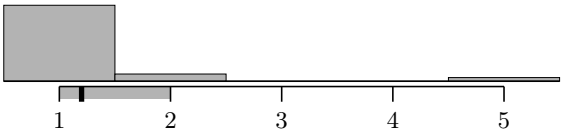


4.1.2 Have the exercise sheets been available on time?

Always – Never

88 % 8 % 0 % 0 % 4 %

Answers: 24
Mean: 1.2
Standard-Deviation: 0.8

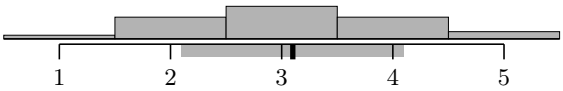


4.1.3 The difficulty of the exercise sheets varied...

Not at all – Greatly

4 % 25 % 38 % 25 % 8 %

Answers: 24
Mean: 3.1
Standard-Deviation: 1.0

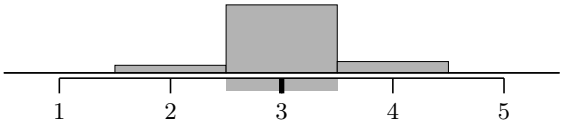


4.1.4 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

0 % 9 % 78 % 13 % 0 %

Answers: 23
Mean: 3.0
Standard-Deviation: 0.5

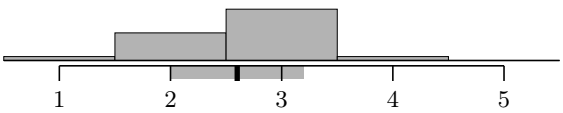


4.1.5 Judge the size of your exercise group!

Too big – Too small

4 % 32 % 59 % 4 % 0 %

Answers: 22
Mean: 2.6
Standard-Deviation: 0.6

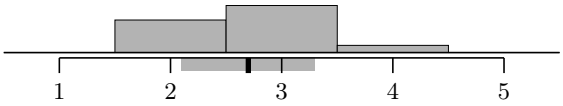


4.1.6 Usually I thought the exercises were...

Too difficult – Very easy

0 % 38 % 54 % 8 % 0 %

Answers: 24
Mean: 2.7
Standard-Deviation: 0.6



5 Exercise Class Evaluation

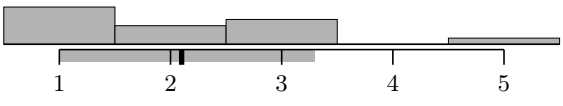
5.1 Please rate the exercise class you visited.

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

Always – Never

43 % 21 % 29 % 0 % 7 %

Answers: 14
Mean: 2.1
Standard-Deviation: 1.2

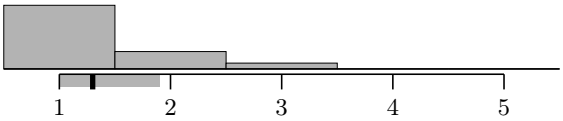


5.1.2 Could you understand your tutor's corrections and gradings?

Always – Never

73 % 20 % 7 % 0 % 0 %

Answers: 15
Mean: 1.3
Standard-Deviation: 0.6

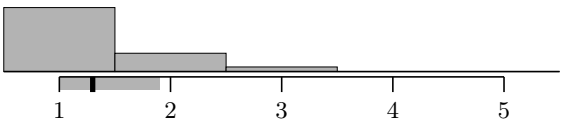


5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?

Always – Never

74 % 21 % 5 % 0 % 0 %

Answers: 19
Mean: 1.3
Standard-Deviation: 0.6

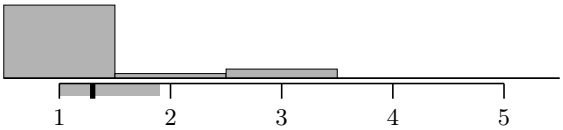


5.1.4 Would you recommend visiting this exercise class?

Yes – No

84 % 5 % 10 % 0 % 0 %

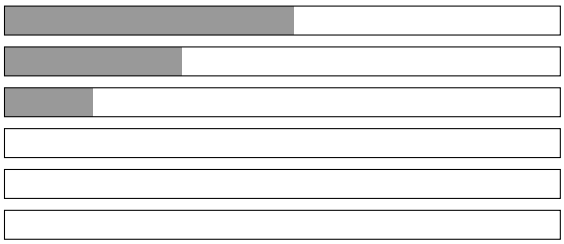
Answers: 19
Mean: 1.3
Standard-Deviation: 0.6



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)	52 %
good (2)	32 %
satisfactory (3)	16 %
adequate (4)	0 %
poor (5)	0 %
very poor (6)	0 %



7 Free Text Comments

7.1 Which aspects of the course did you like?

Math

I have always admiered the way professor teaches. It is profound and I don't lose attention generally.

The mathematics behind many operations were very good for an in-depth understanding of the concept

---

Good explanation of applied mathematical aspects. Interesting and relevant tasks in the exercises

---

- The depth with which the content was taught
- Emphasis given to practical significance
- Emphasis given to understanding the concept

Programming tasks are very close to the content of the lecture

---

well-structured
Applications of lecture content can be seen in exercises
Having all lectures on youtube is a good idea

The contents, exercises, applications of the contents

I liked the projects more than the lecture since it was kind of implementation

---

the most interesting part of the lecture that I enjoyed, was the fact that the prof always attempted to relate the concept to the peronal like of the student and working life to draw us a real picture ahead of us

---

The approach of teaching

All was quite interessting. and it's good that you can always see the results

---

Exercise Sheets are very helpful

Fourier transform

Lectures are understandable, even though the maberial is complicated sometimes

---

Structure, pace interesting exercises, presentational skills of Prof. Bauckhage

---

- content
- hands on experience

Way of teaching, stressing upon important concepts. Showing different possibilities /applications of the field

---

In detail explanations of the subject matter

7.2 What could be improved?

NA

Class timing fove Thursdays is 8:30am. I think it is too early.

---

speak louder

Have exercise groups of 3-4 persons, so that all contribute to each assignment

---

- content. I believe some advanced modules can be handled & would he great of Prof can teach them

---

The topic related to the exercises should be addressed & discussed easier

---

Spending less time on the mathematical flow and prov on the context but rather on the application, could be mentioned as a potential improvement

---

Lectures could be 1-2 weeks ahead of the exercises

It is not necessary, but I guess it would be better to delete repeating (not complited) slides from presentation in the website (just keep all acomplited slides)

Time for the lecture of Thursday and the exam

Smaller exercise groups. The size would be limited by 4

---

the pace can be reduced a little

Attaching some more new content

Its perfect for anyone getting started on this field

7.3 You can leave remarks and further feedback here.

Professor was nice, content was good but it was tough for some students, who did not have enough knowledge on mathematics. Some exercises can be easy.

The course is my favourite since I start studies in RWTH Aachen b-it

---

It was a great class. I thank the professor for concentrating the first few lectures on mathematics concets that helped me understand the later contents better. It was great to apply what we learnt in the class in the projects

---

Best lecture so far

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	20
Number of students in the lecture at the end of the semester	15
Number of students participating in the exercise classes at the beginning of the semester	12
Number of students participating in the exercise classes at the end of the semester	11
Number of students that have registered for the exam	17

2 Exercise classes

Number of exercise classes	1
Average number of students per exercise class at the end of the semester	11

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?

Based on the feedback and questions I received, students remained engaged and interested in the topics throughout the semester.

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

Encourage even more active in-class discussions.

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

Theoretical and practical assignments are a well-established and effective tool to a) consolidate and deepen the knowledge and understanding from the lectures and b) to acquire some practical skills, which is impossible by attending lectures alone.

4.4 Further remarks