

Course analysis 2018

SG2221/SG3122 (period 2)

Wave motions and hydrodynamic stability, 7.5 ECTS

Course responsible: Jens Fransson and Luca Brandt

Examiner: Jens Fransson and Luca Brandt

Course design

- 21x2h Lectures
- 1x3h Experimental lab + written lab report (1,5 ECTS)
- Numerical flow stability project + oral presentation (1,5 ECTS)
- Oral/written examination (4,5 ECTS)

Registered students

- 15 Master students (SG2221)
- 6 PhD students (SG3122)

Students' results

- Examination degree: 80% (12/15) (SG2221)
 67% (4/6) (SG3122)
- 2 D, 6 C, 2 B, 2 A (SG2221)
- 4 Pass (SG3122)

Priority course development

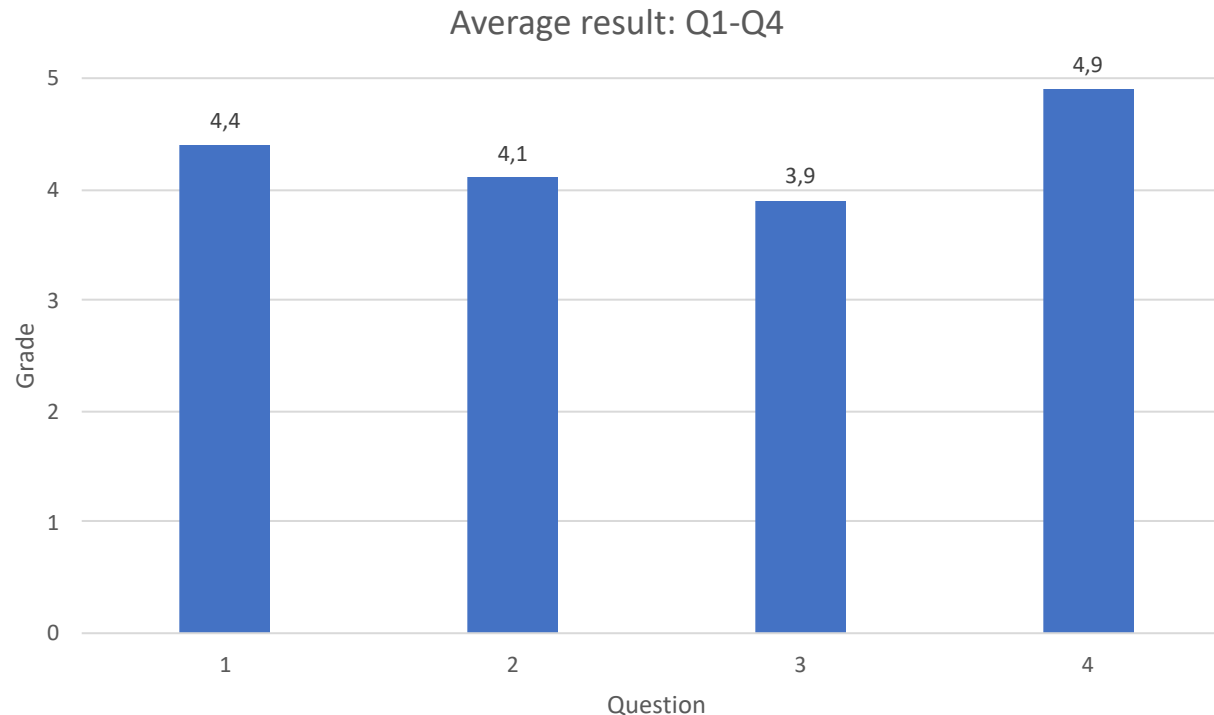
- This year the experimental lab was carried out in the BL wind tunnel for the first time. The results was not as good as previous years due to some difficulties in setting up the lab. The problems we had was solved after the course and we expect the results to be much better next year. We believe that this is the reason why Q3 got a relatively low grade.
- Suggestions from the students that we will try to implement next year:
 - ❖ Make the experimental lab more active for the students
 - ❖ Distribute pdf material earlier in the course
 - ❖ Organize better the material of the second part of the course and present it at a slower pace (Q9)

Questionnaire

Our questionnaire for the course evaluation consists of 13 questions (attached as an appendix). . This year the result is based on the response from 15 students (including both master- and PhD students). In general the students are pleased with the course and give in average a high grade of the course.

Questions: Q1-Q4

Grade scale: 1 (very bad) – 5 (very good)



Q1: How would you grade the course in general?

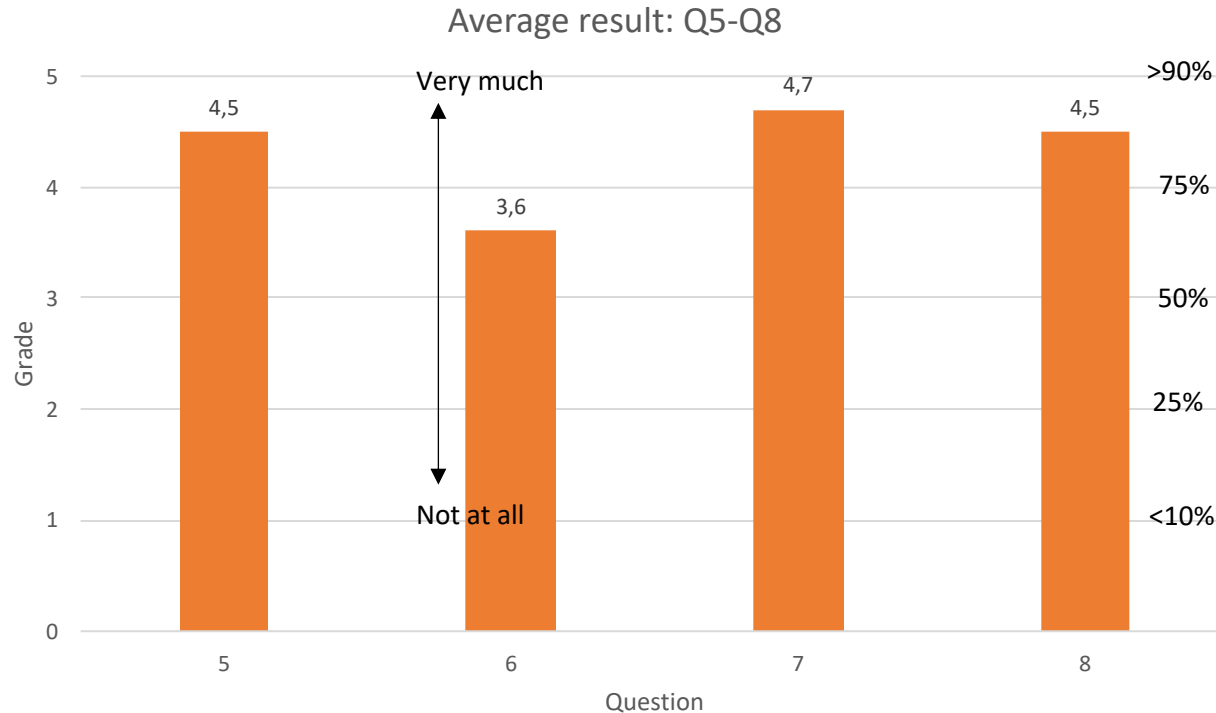
Q2: How would you grade the course literature?

Q3: How would you grade the experimental lab?

Q4: How would you grade the lab assistants you met during the lab?

Questions: Q5-Q8

Grade scale: 1 (very bad) – 5 (very good)



Q5: How would you grade the course content?

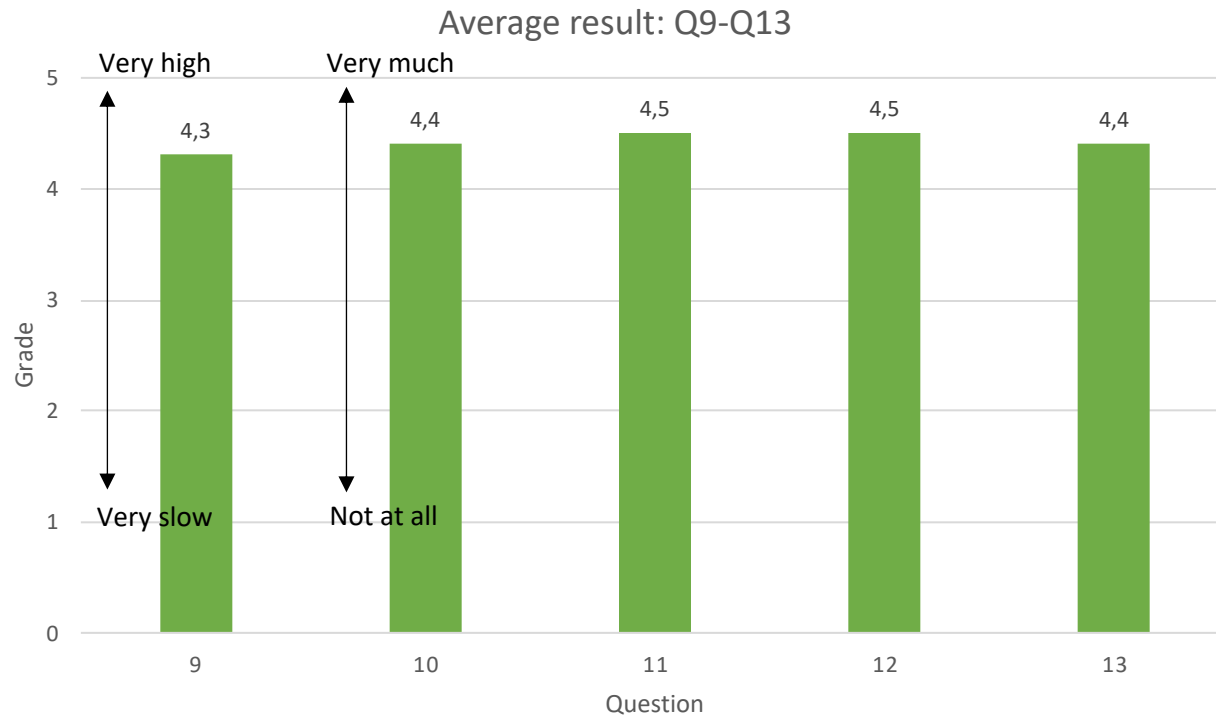
Q6: Has the course content been difficult for you to follow?

Q7: How would you grade the lecturer?

Q8: How many lectures did you roughly attend?

Questions: Q9-Q13

Grade scale: 1 (very bad) – 5 (very good)



Q9: How was the tempo during the lectures? (very slow [1] \Rightarrow very high [5])

Q10: How did you like the extra material in the course? (not at all [1] \Rightarrow very much [5])

Q11: How would you grade the explained physics of the course during the lectures?

Q12: How would you grade the derivations and algebraic calculations on the black board?

Q13: How would you grade the numerical project?



Wave motions and hydrodynamic stability SG2221/SG3122 (7.5 ECTS)

Course evaluation 20XX

Grade scale: 1 (very bad) – 5 (very good)

1. How would you grade the course in general?

1	2	3	4	5

2. How would you grade the course literature?

1	2	3	4	5

Any comments:

Any comments:

3. How would you grade the experimental lab?

1	2	3	4	5

4. How would you grade the lab assistants you met during the lab?

1	2	3	4	5

Any comments:

Any comments:

5. How would you grade the course content?

1	2	3	4	5

Any comments:

6. Has the course content been difficult for you to follow?

(not at all [1] \Rightarrow very much [5])

1	2	3	4	5

Any comments:

7. How would you grade the lecturer?

1	2	3	4	5

Any comments:

8. How many lectures did you roughly attend?

<10%	25%	50%	75%	>90%

Any comments:

9. How was the tempo during the lectures?
(very slow [1] \Rightarrow very high [5])

1	2	3	4	5

Any comments:

10. How did you like the extra material in the course?

(not at all [1] \Rightarrow very much [5])

1	2	3	4	5

Any comments:

11. How would you grade the explained physics of the course during the lectures?

1	2	3	4	5

Any comments:

12. How would you grade the derivations and algebraic calculations on the black board?

1	2	3	4	5

Any comments:

13. How would you grade the numerical project?

1	2	3	4	5

Any comments:

How can the course improve?

All suggestions are appreciated: