

Grading in EITN50

Purpose

This document specifies the grading procedure that has been applied to the EITN50 course of 2013. Specifically it defines the mechanism and thresholds used in the grading process.

Grading and projects

Students have to finalize all the project reports in order to receive a grading of 3, 4, or 5.

- If all project reports are approved you will get at least grade 3
- One or more project reports missing gives grade “U”(nderkänd)
- Bonus points from the project reports will be summed up and referred to below as “Bonus”

A project report can give 0.1 bonus points or none. The above means that a student can have in total 0.5 bonus points if all his/her reports were of deemed eligible for a bonus.

Quiz grading

There were 5 quizzes. Quiz 1 2 and 3 were setup so the students could see the correct result immediate after the attempt but not at later occasions. Based on the statistics we see no very clear distinction in the relative scores when comparing Quizzes 1,2,3 and Quizzes 4,5. Yet the results of Quizzes 1,2,3 will be weighted less (weight 0.9) than Quizzes 4 and 5 (weight 1.0).

Individual Quiz score (IQS)

The score of a specific quiz is proportional to the percentage of correctly answered questions as the Moodle grading system outputs where 10 is equivalent to 100% correct.

Overall Quiz score (QS)

Is the sum of the weighted individual quiz scores conditioned *that at least one attempt has been performed* for each of the five quizzes, that is

$$QS = \sum_{k=1}^5 w_k IQS_k ,$$

Where w_k is the quiz weight of quiz k and IQS_k is the individual quiz score for quiz k. We have $w_1 = w_2 = w_3 = 0,9$ and $w_4 = w_5 = 1,0$

Total course score (TCS)

Is the sum of the overall quiz score and the bonus from the projects, i.e.

$$TCS = 10 \times \text{bonus} + IQS = 10 \times \text{bonus} + \sum_{k=1}^5 w_k IQS_k ,$$

The maximal value (this year's course) is thus $5+3 \times 9+2 \times 10=52=\text{MAX}$

TCSG (Grade thresholds)

The TCS value will be mapped to a grade TCSG (U(nderkänd), 3, 4, 5). The following table gives the grade thresholds:

TCS Interval	Grade
[0 , 0,5 x max)	U
[0,5 x max, 0,7 x max)	3
[0,7 x max, 0,85 x max)	4
[0,85 x max, max]	5

Final grade

The final grade is (2013) a combination of the results of the project reports, quizzes, and possibly an oral exam. The final course grade is either the course grade (computed above as TCSG) or the grade from the projects whatever is the highest under that condition that all projects have been approved. If one or more project reports are not approved or submitted the grade is "U(nderkänd)".

For example, a student can have a grade 3 from the projects and a quiz grade "U". The final grade is then 3. A student that has grade "U" from the projects will get final grade "U" irrespective of the quiz scores. A student that has score 3 from the projects and has TCSG=4 will get grade "4".

Students can do an oral exam. The oral exam is only a substitute for the quizzes as exam instrument and thus all projects must be approved to pass the course even if one opts for an oral exam.

Oral Exam

The oral exam covers the complete course that is lectures, lecture material, quizzes and projects.

Method for oral exam is up to the examiner. The most probable approach will be that the student gets an hour to look through a list of questions and after that the oral part starts where the list of questions is used as a starting point. An oral exam must be requested in advance.

Q and A section

Q: I have a maximal score on each quiz and even got bonus on all projects. Can I get more than grade "5"?

A: No grade 5 is still the highest grade.

Q: I managed not to get all project reports approved. Do my quiz results count for the next time the course runs?

A: No. The quiz results are forfeited already on the next exam occasion. However the course results themselves (after been made official) remain valid just as with a written exam.

Q: I have total score on quizzes that could give me grade "4" but I did not do all the quizzes. Will I get grade 4?

A: No, you must at least make an attempt to all the 5 quizzes.

Q: Can an oral exam lower my result?

A: Yes and no. An oral exam or written exam can normally not alter the result of a previous examination in the course. But an oral exam can positively but also negatively affect the final course grade with respect to TCSG value and project report results prior to the final grading has been made official.

Q: Can an oral exam improve my result?

A: Yes and now. An oral exam can normally not alter the result of a previous examination that has been made official. In that sense the answer is no. However it can improve the final result as long as the result has not been made official. In practice an oral exam agreed after the course results have been made official is regarded as a new examination.

Q: I cannot see my grade on the course web.

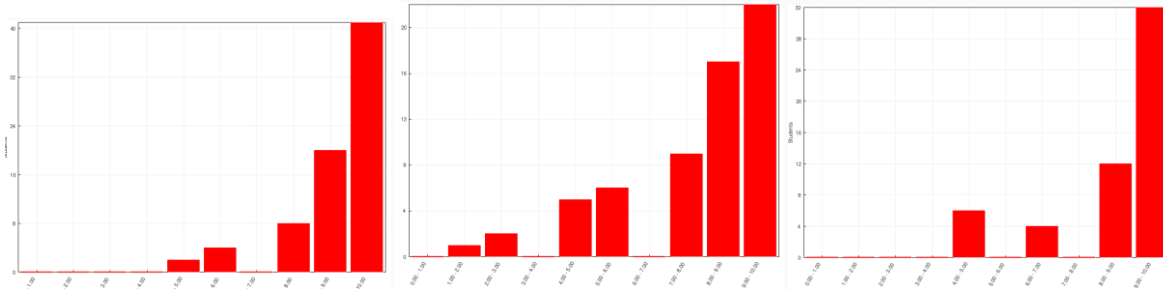
A: Indeed, for privacy reasons we do not publish such data that directly links to your name.

Document History

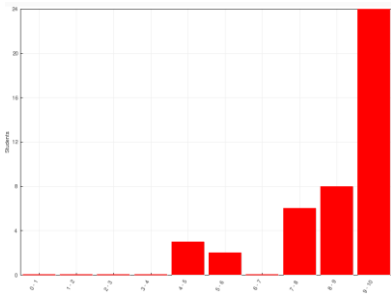
Date	Comment
2013-10-24	Corrected max score sum, added more text on bonus points, final grading and a Q&A section. Changed doc title and name
2013-10-20	First version

Statistics (sampled 2013-10-20)

Quiz 1.2, 3: (correct answers were shown immediately after the attempt, not thereafter)



Quiz 4



Quiz 5: (this quiz was opened on Oct17 and still many have not taken this, so statistics is not so good here)

