Evaluation report: Programming in Engineering (Period 1A) – 2011/2012

The evaluation committee has evaluated the course Programming in Engineering (Period 1A) by sending an online questionnaire to 91 students. 18 students filled in the questionnaire, which gives a response of 20%.

The overall appreciation of the course Programming in Engineering given in the first period of the academic year (not the summer course) is a 7.2. All marks are above the 7.0 except the question "subject becomes clear during the lectures" which scores a 6.9. This score is probably caused by the high speed in which the Matlab part was taught. The relevance scores a 9.1 and the ability for self study a 9.6.

These are the main conclusions of the evaluation. The interpretation is based on the remarks of the respondents. For an overview of the results, see the graph at the end of this report.

Recommendations by the committee:

The quality of the course can be improved. Based on the results of the questionnaire, some recommendations for improvement are provided. The most important recommendations are:

- Look to the possibilities to upgrade the course to a 5EC course. Students mention that the time they have spent on the course is more than 3EC (especially in the C++ part which is only 1EC)
- Take the delivered assignment more seriously. Some students complain that they have put a lot time in the assignment and that the oral exam was over within 10 minutes.
- Look at the prior knowledge of the students for next year. This generation have had the BEAM series and should have more knowledge in this field of Matlab already.
- Continue like this!

Remarkable Facts:
- Only one mark is below the 7.0.

Overview:

- Most marks are given on a scale from 1-5 and converted to a scale from 2-10 by multiplying with a factor 2. For master courses, a mark of 7.0 or higher is sufficient.
- The height of the bars in the graph represents the mark. The thin line at the top of the bars gives the standard deviation.

Orange	General
Yellow	Lectures
Blue	Study material
Purple	Examination / Final Assignment

Marks	
Total appreciation	7.2
Ability to study	8.6
Relevancy	9.1
Quality of education	7.2
Coordination / planning	7.9
Examination / Assignments	8.7

Explanation of marks:

- Total appreciation is the mark given to the question: Overall appreciation.
- Ability to study is the average point of the marks given to the part of study material.
- Relevancy is the mark given to the question: Relevancy of the course.
- Quality of education is the average point of the marks given to the parts "lectures" and "practices".
- Coordination / Planning is the average point of the marks of "Adequate Information on Blackboard" and "Teacher available for questions".
- Examination / Assignments is the average point of the marks given to the Examination /Final Assignment part.

Evaluatie
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