



# Annual summary of the results of the written final evaluation of courses and projects at ICT Engineering

Final evaluation of courses and semester projects on first and second semester have been carried out in the spring 2015 according to a fixed rotation plan.

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## 1 Overview of evaluated courses and response rates

Below is an overview of the evaluated courses and the response rate.

| <b>Course code</b> | <b>Course title</b>                  | <b>Semester</b> |
|--------------------|--------------------------------------|-----------------|
| CSE I1             | Communication Skills for Engineers   | 1. semester     |
| LRL I1             | Lego Robot Lab                       | 1. semester     |
| RWD I1             | Responsive Webdesign                 | 1. semester     |
| SDJ I1             | Software Development with UML & Java | 1. semester     |
| APJ I1             | Applied Java Programming             | 2. semester     |
| CON I1             | Computer Networking                  | 2. semester     |
| RDB I1             | Relational Databases                 | 2. semester     |
| SDJ I2             | Software Development with UML & Java | 2. semester     |

The response rate is generally above 60 %.

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## 2 Main results of the final evaluation

The main results from the final evaluation deals with the work distribution on the semesters and between the semesters. The balance between theory and practice is also mentioned as an important topic in the evaluations.

### 3 Launched actions based on final evaluations

Below is an overview of the launched actions.

| Focus   | Status   | Goal  | Launched actions  | Schedule             | Responsible                           |
|---|--|---|---|----------------------|---------------------------------------|
| Study techniques at 1. semester                                 | The students find it difficult to find necessary information and to work independently.                    | To make information more available for the students.    | Links to extra material at study net available. Accessibility to individual tasks and assignments.  | Autumn semester 2015 | First semester lecturers              |
| Balance between lessons in Java og JavaScript                   | Students find Java difficult.  | To facilitate the introduction to the many new concepts | Adjust the use of Java-Script in RWD I1 and focus on jQuery instead.  | Autumn semester 2015 | RWD I1 lecturers                      |
| Student assistance  | Help from student assistants are in demand, especially at the SDJI1 course                                 | To increase the learning outcome from exercises.        | Student-to-student help is preferred and emphasis will be put on this subject at meetings with the students.  | 2015                 | Head of programme                     |
| Work distribution and workload on 2 <sup>nd</sup> semester      | Too much work in the end of the 2 <sup>nd</sup> Semester.  | To level out the workload on 2 <sup>nd</sup> semester.  | Maintain and increase coordination between the lecturers. Assignment plan available for the students in the 4th week of the semester at the latest. | Ongoing              | Lecturers at 2 <sup>nd</sup> semester |
| Theory/exercise balance   | The students ask for more exercises and practical work.  | A better balance between theory and practise            | A continuous evaluation of the balance between theory and exercises is conducted in each course.  | Ongoing              | Lecturers                             |
| Practical teaching approach                                     | The students ask for more practical issues and cooperation with companies                                  | An increased cooperation with the business area.        | External lecturer presentations and company visits are considered. Redesign of some of the exercises.   | Ongoing              | Lecturers and Head of Programme       |
| Connection between 1 <sup>st</sup> and 2 <sup>nd</sup> Semester | The workload seem to be extensive higher on 2 <sup>nd</sup> semester compared to 1 <sup>st</sup> semester. | To level out the differences between the two semesters  | Earlier information about 2 <sup>nd</sup> Semester. Maintain focus on the connection between courses and semesters.                                 | Ongoing              | Lecturers and Head of Programme       |