

Reports to be filed in the Mechatronics course

The following items should be included in your reports. Note that the methods you have been taught in this course are designed to run large projects as well, and should be applied with care to a small project that otherwise will be overworked.

1 Project goal and preparation (spring study period 1, Monday morning week 7)

- Background/general analysis.
- Problem/requirement specifications/delimitation
- Goal/aim/product specifications
- Methodology
- Expected result (how will the result be presented?)
- WBS, relation between different tasks, milestones and gates
- Project scheduling, time schedule
- Project organization (who performs what tasks?)

- *Reports returned with comments after one week.*

2 Product concept, choice of concept and detail construction (spring study period 2, Friday evening week 4)

- Brain storming, all possible solutions. Selection method and final concept selection.
- Final design calculation, choice of material etc.–Shall contain the corrected 1'st report.

- *Reports returned with comments after one week.*

3 Oral presentation (study period 4, week 6)

- Oral and written report of all project groups, presentations of the project and the results
- The oral presentation should be 15 minutes + 5 minutes questions. The presentation should at least contain:
 - Problem/requirement specifications/delimitation
 - Methodology
 - Project scheduling, time schedule
 - Project organization (who performs what tasks?)
 - Brain storming, all possible solutions. Selection method and final concept selection.
 - Final design calculation, choice of material etc.–Shall contain the corrected 1'st report.