

Project system Coffee maker



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Agenda

- Projects
- Methodological design
- Stakeholders
- V model
- Project Setup
- System Requirements
- Functional Design
- Technical Design
- Testing
- Deliverables

Project goals

MAJOR educational goals:
60% project management



V model / Project plan / meetings / logbook / report
/ poster / presentation / demonstration

MINOR educational goals:
40% technical

Temperature measurement and control / sensor /
signal processing / controller / power stage / load

Assignment

Saxion LED is looking for an **engineering company** who can modify a **simple** coffeemaker machine into an **advanced** coffeemaker machine.



The **temperature** of the drinking coffee should be **adjustable** by the user.

LED want to have a **ready made working demonstration model** inclusive all **documentation**.
The company will be rewarded with **7 credit points**.

YOUR Company

The company should have 4 members:
1 chairman, 1 secretary, 2 designers

Every company should have a
name and a logo

For international students:

It is not allowed to have the same nationality in
the same company ... ;(



Teamwork

Every member of the company should have an individual task.



Chairman / Secretary / Planner / Documentalist

Key point of good teamwork is:

Planning (**task**)

Communication (**meetings**) and

Co-operation (**product**)

Time table

Q3

Lectures explanation of theory and work method

Project work Company work with small guidance

Homework Individual tasks

Q4

Project work Company work with small guidance

Homework Individual tasks

Deliverables

Projectplan

Agenda / Minutes

Powerpoint functional design

Report

Poster

Final powerpoint