Accomplished this week:
We made sure we received the stripped robot from the IT-project. We then tried to send data via the CAN-bus to communicate with the robot. At the same time we discussed the automatic control problems and received a problem description from IT. We have created a model of the dc motor system and the next step is to decide the parameters by collecting data.

We divided our group into smaller subgroups to optimize our progress. Some of us are more focused on the automatic control while some of us work more with understanding the code and getting the robot to function.

Current problems:
We haven’t been able to simulate the problem and get the robot to run very well. A lot of time has been spent on testing different areas of the hardware/software to find the source of the problem. It’s not solved yet and we feel we can’t move on as fast as we want to. More testing and debugging will be conducted during this week. It seems to be a lot of small problems to solve before we can focus on the ‘real’ problem.

Actions points for next week:
• Get the robot to function properly.
• Simulate the problem in reality.
• Collect data.