RTA Assignments 2009/2010

Overview
In 2009/2010, 81 students registered for the course. For those 81 students, 17 groups and 17 assignments have been created.

Assignment 1: Analysis for hierarchical fixed-priority pre-emptive scheduling (independent applications)
Max. nr. of groups: 3, one for each article to be studied. Presentation: 25 minutes (including time for questions).

Assignment 2: Analysis for hierarchical fixed-priority pre-emptive scheduling (dependent applications)
Max. nr. of groups: 3, one for each article to be studied. Presentation: 25 minutes (including time for questions).

Assignment 3: Improved analysis for H-FPPS
Max. nr. of groups: 1. Presentation: 25 minutes (including time for questions).

Assignment 4: Upper bounds for worst-case response times
Max. nr. of groups: 1 (Mike Holenderski). Presentation: 25 minutes (including time for questions).

Assignment 5: Efficient feasibility test for FPPS
Max. nr. of groups: 1 (Ugur Keskin). Presentation: 25 minutes (including time for questions).

Assignment 6: Integrating Time-Triggered tasks in μC/OS-II
Max. nr. of groups: 2 (Martijn M.H.P. van den Heuvel). Presentation: 45 minutes (including time for questions).

Assignment 7: Server design for μC/OS-II
Max. nr. of groups: 2 (Martijn M.H.P. van den Heuvel). Presentation: 45 minutes (including time for questions).

Assignment 8: FPPS and FPDS (investigation)
Max. nr. of groups: 2 (Mike Holenderski). Presentation: 45 minutes (including time for questions).

Assignment 9: Analysis of tasks with mixed pre-emption relations
Max. nr. of groups: 1 (Ugur Keskin). Presentation: 45 minutes (including time for questions).

Assignment 10: Swift mode changes based on FPPS & SRP
Max. nr. of groups: 1 (Mike Holenderski). Presentation: 45 minutes (including time for questions).