

FYS4220 Lecture plan 2011 - Real-Time / Embedded

Revised version 10 Nov 2011

Week / Date	Theme
Mon 24 Aug	2011-1 Baseline Concepts
Mon 29 Aug	2011-2 Concurrency and concurrent systems
Mon 5 Sep	2011-3 Shared variable based communication
Mon 12 Sep	2011-4 Message based communication
Mon 19 Sep	2011-6 RTOS, VxWorks, Workbench, RT-lab no. 1
Mon 26 Sep	2011-7 Scheduling of Real-time processes
Mon 3 Oct	No lecture due to travels, time for lab
Mon 10 Oct	2011-5 Signals and exception handling
Mon 17 Oct	VxWorks Workbench, Lab no. 2
Mon 24 Oct	2011-8 Real-time and Embedded facilities
Mon 31 Oct	2011-9 Reliability and Fault Tolerance
Mon 7 Nov	VxWorks Workbench, Lab no. 3 / 4
Mon 14 Nov	2011-10 Instrumentation, Interconnects, I/O
Mon 21 Nov	2011-11 SQA-Availability-Safety-Security
Mon 28 Nov	Comments on lab exercises and exam 2010