

# Reading list for FYS3240/4240 Exam 2019

## Curriculum

- **Lecture slides**
- **Real World Instrumentation with Python: Automated Data Acquisition and Control Systems:**
  - Chapter 1.
  - Chapter 2 page 39-57
  - Chapter 7 and page 559
  - Page 198 – 202, 395 – 405, 431 – 436 and 349 - 351.
  - Chapter 9, page 303 - 339
- **Two papers:**
  - **Stochastic models, estimation and control, P. Maybeck**
  - **An introduction to the Kalman filter, G. Welch and G. Bishop**
    - Section 1 and 3
- **Laboratory exercises**

## Material only for orientation (not for Exam questions)

- L2: slide 31 (Creating Executables)
- L3: slide 36 (Connectivity)
- L8: slide 45
- L9: slide 39 and 40 (Remote DMA and Infiniband)
- L10: slide 16 and 17 (FPGA details)
- L11: slide 8
- L12: slide 6, 28 and 29
- L13: slide 23