

# Curriculum spring 2020 for FYS3240/4240

## Curriculum

1. Lecture slides
2. Textbook: Real World Instrumentation with Python – Automated Data Acquisition and Control Systems:
  - a. Chapter 1.
  - b. Chapter 2 pages 39-57
  - c. Chapter 7 and page 559
  - d. Pages 198 – 202, 395 – 405, 431 – 436 and 349 - 351.
  - e. Chapter 9, pages 303 - 339
3. Two papers:
  - a. Stochastic models, estimation and control, P. Maybeck
  - b. An introduction to the Kalman filter, G. Welch and G. Bishop (sections 1 and 3)
4. Laboratory exercises

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

The following lecture slides are not relevant for the exam:

1. ... *to come* ...