

ME304 Supplementary Material Syllabus

April 23, 2020

Week 1:

Jupyter introduction and examples.

Week 2:

Webots introduction and examples.

Week 3:

Time-Laplace domain converter. Block diagram representations. Open and closed loop examples.

Week 4:

Physical domain analogue introduction. Controlling physical simulations with controller.

Week 5:

Webots servo simulation and more physical examples. Transducers.

Week 6:

Linearization example with mechanism.