

EERI 418 Course plan 2017				
Contact day	Date	Time of day	Activity	Details
1	07-02-2017	Morning	Lecture: Study unit 1	State variable feedback systems.
		Afternoon	Tutorial/Practical	
2	17-02-2017	Morning	No class	Slides will be available on Efundu.
		Afternoon		
3	20-02-2017	Morning	Lecture: Study unit 2 and 3	Mathematical models of simple linear systems. The z-transform.
		Afternoon	Tutorial/Practical	
4	10-03-2017	Morning	Semester test 1	
		Afternoon	Lecture: Study unit 3 and 4	The z-transform. Sampling and reconstruction.
5	13-03-2017	Morning	Lecture: Study unit 4 and 5	Sampling and reconstruction. Pulse transfer functions for open-loop systems.
		Afternoon	Tutorial/Practical	
6	31-03-2017	Morning	Lecture: Study unit 5 and 6	Pulse transfer functions for open-loop systems. Pulse transfer functions for closed-loop systems.
		Afternoon	Tutorial/Practical	
7	25-04-2017	Morning	Semester test 2	
		Afternoon	Lecture: Study unit 7 and 8	Time-response characteristics of discrete-time systems. Stability of digital systems.
8	05-05-2017	Morning	Lecture: Study unit 8 and 9	Stability of digital systems. Digital controllers.
		Afternoon	Tutorial/Practical	
9	08-05-2017	Morning	Lecture: Study unit 9	Digital controllers
		Afternoon	Tutorial/Practical	
10	16-05-2017	Morning	Semester test 3	
		Afternoon	Lecture: Study unit 10	Artificial Neural networks and Fuzzy Logic systems.
11	26-05-2017	Morning	Tutorial/Practical	
		Afternoon	Tutorial/Practical	
12	29-05-2017	Morning	Tutorial/Practical	
		Afternoon	Tutorial/Practical	