

**EEEN203 Analogue Circuits and Systems
Course Schedule Trimester 1 2024**

Week	Date	Lecture	Tutorial	Lab	Assessment
1	26 th February 2024	1a. Revision and Kirchhoff's Laws			
		1b. Mesh and Nodal Analysis	Tutorial 1	Lab/Demo 1	Lab Report 1a
2	4 th March 2024	1c. Thevenin/Norton and Superposition			
		2a. Capacitor and Inductor	Tutorial 2	Lab/Demo 2	Lab Report 1b
3	11 th March 2024	2b. AC Circuit Analysis and Impedance			
		2c. Passive Filters and Differentiator/Integrator	Tutorial 3	Lab/Demo 3	
4	18 th March 2024	2d. Transformer			
		3a. Operational Amplifiers	Tutorial 4	Lab/Demo 4	
5	25 th March 2024	3b. Applications of Op Amp			Assignment 1 Lab Report 3
		Test 1	Good Friday	Lab/Demo 5	Test 1
	1 st April 2024	Easter Holiday Break Week 1			
	8 th April 2024	Easter Holiday Break Week 2			
6	15 th April 2024	4a. Frequency Dependent Circuit			
		4b. First-Order Circuit	Tutorial 6	Lab/Demo 6	
7	22 nd April 2024	4c. Second-Order Circuit			Lab Report 2
			Tutorial 7	Lab/Demo 7	
8	29 th April 2024	5a. Laplace Transform (Introduction and Properties)			
		5b. Further Laplace Transform (DE and Partial Fraction)	Tutorial 8	Lab/Demo 8	Lab Report 4
9	6 th May 2024	6a. Circuit Application of Laplace Transform			
		6b. Further Application of Laplace Transform	Tutorial 9	Lab/Demo 9	Lab Report 5
10	13 th May 2024	7a. Power & Transformer			
		7b. Electric Power	Tutorial 10	Lab/Demo 10	
11	20 th May 2024	7c. Power Factor			Lab Report 6

		8a. Three Phase	Tutorial 11	Lab/Demo 11	
12	27 th May 2024	8b. Further Three Phase			Assignment 2 Lab Report 7
	3 rd June 2024	Study Period			
	10 th June 2024	Exam Period Week 1			
		TEST2			Test 2
	17 th June 2024	Exam Period Week 2			

No	Assessments	Weight	Remarks	
1	Assignments	30%	2 x assignments	Weeks 5 and 12
2	Labs	22%	5 x lab reports	Weeks 2-12
3	Tests	48%	2 x 1 hour test each	Weeks 5 and 12