

NATIONAL CERTIFICATE N1 ENGINEERING STUDIES: ELECTRONICAL ENGINEERING

SUBJECT	ASSESSMENT TASK		MARK ALLOCATION	CONTENT COVERAGE	STUDY PROGRAMME
1 Electrical Trade Theory N1	Assignment 1	✓	310	Modules 1 to 5 Safety precautions Electrical circuits Resistivity Magnetism Batteries & direct currents	Week 1: Study module 1 & 2 Week 2: Study module 3 Week 3: Study module 4 Week 4: Study module 5 Week 5: Complete & submit assignment 1*
	Assignment 2	✓	302	Modules 6 to 8 Alternating currents Measuring instruments Conductors & insulator	Week 6: Study module 6 & 7 Week 7: Study module 8 Week 8: Complete & submit assignment 2*
	Assignment 3	✓	100	Modules 9 to 11 Wiring of premises Testing Electronics Revision	Week 9: Study module 9 Week 10: Study module 9 Week 11: Study module 10 & 11 Week 12: Complete & submit assignment 3*

***Assessment Tool:** Marking Memorandum

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2 Industrial Electronics N1	Assignment 1	✓	300	Modules 1 to 3 Introduction Atomic theory Cells & batteries	Week 13: Study module 1 & 2 Week 14: Study module 3 Week 15: Complete & submit assignment 1*
	Assignment 2	✓	300	Module 4 to 11 Resistance Capacitance Magnetism AC current theory Inductors and transformers Multimeters Semiconductor diodes Transistors	Week 16: Study module 4 Week 17: Study module 5 Week 18: Study module 6 & 7 Week 19: Study module 8 Week 20: Study module 9 Week 21: Study module 10 Week 22: Study module 11 Week 23: Complete & submit assignment 2*
	Assignment 3	✓	100	Module 1 to 11 Revision	Week 24: Complete & submit assignment 3*

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3 Engineering Science N1	Assignment 1	✓	108	Modules 1 to 6 Dynamics Statics Energy Heat Particle structure of matter Electricity	Week 25: Study module 1
	Assignment 2	✓	118		Week 26: Study module 2
	Assignment 3	✓	120		Week 27: Study module 2
					Week 28: Study module 3
					Week 29: Study module 4
					Week 30: Study module 4
					Week 31: Study module 5
					Week 32: Study module 6
					Week 33: Study module 6
					Week 34: Complete & submit assignment 1*
					Week 35: Complete & submit assignment 2*
					Week 36: Complete & submit assignment 3*

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SUBJECT	ASSESSMENT TASK		MARK ALLOCATION	CONTENT COVERAGE	STUDY PROGRAMME
4 Mathematics N1	Assignment 1	✓	115	Modules 1 to 5 Orientation Exponents & logarithms Algebraic operations Factorisation Equations	Week 37: Study module 1 Week 38: Study module 2 Week 39: Study module 3 Week 40: Study module 4 Week 41: Study module 5 Week 42: Complete & submit assignment 1*
	Assignment 2	✓	115	Modules 6 to 9 Algebraic graphs Triangles Trigonometry Mensuration & percentages	Week 43: Study module 6 Week 44: Study module 7 Week 45: Study module 8 Week 46: Study module 9 Week 47: Complete & submit assignment 2*
	Assignment 3	✓	125	Modules 1 to 9 Revision	Week 48: Complete & submit assignment 3*

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