

NATIONAL CERTIFICATE N3 ENGINEERING STUDIES: ELECTRONICAL ENGINEERING

SUBJECT NO	ASSESSMENT TASK		MARK ALLOCATION	CONTENT COVERAGE	STUDY PROGRAMME
1 Electrical Trade Theory N3	Assignment 1	✓	100	Modules 1 to 4 Domestic appliances Protection Illumination Alternating current theory	Week 1: Study module 1 Week 2: Study module 2 Week 3: Study module 3 Week 4: Study module 4 Week 5: Complete & submit assignment 1*
	Assignment 2	✓	100	Modules 5 to 9 Transformers Direct current machines AC machines Measuring instruments Electronics	Week 6: Study module 5 Week 7: Study module 6 Week 8: Study module 7 Week 9: Study module 8 Week 10: Study module 9 Week 11: Complete & submit assignment 2*
	Assignment 3	✓	100	Modules 1 to 9 Revision	Week 12: Complete & submit assignment 3*

*Assessment Tool: Marking Memorandum

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2 Industrial Electronics N3	Assignment 1	✓	100	Modules 1 to 5 Atomic theory Direct current theory Alternating current theory Semiconductor theory Diodes	Week 13: Study module 1 & 2 Week 14: Study module 3 Week 15: Study module 4 Week 16: Study module 5 Week 17: Complete & submit assignment 1*
	Assignment 2	✓	100	Modules 6 to 10 Transistor theory Electronic power control Operational amplifier Transducers Measuring instruments	Week 18: Study module 6 Week 19: Study module 7 Week 20: Study module 8 Week 21: Study module 9 Week 22: Study module 10 Week 23: Complete & submit assignment 2*
	Assignment 3	✓	100	Modules 1 to 10 Revision	Week 24: Complete & submit assignment 3*

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3 Engineering Science N3	Assignment 1	✓	124	Modules 1 to 8 Motion, power & energy Moments Forces Friction Heat Hydraulics Electricity Chemistry	Week 25: Study module 1
	Assignment 2	✓	135		Week 26: Study module 1
	Assignment 3	✓	110		Week 27: Study module 2
					Week 28: Study module 3
					Week 29: Study module 4
					Week 30: Study module 5
					Week 31: Study module 6
					Week 32: Study module 7
					Week 33: Study module 8
					Week 34: Complete & submit assignment 1*
					Week 35: Complete & submit assignment 2*
					Week 36: Complete & submit assignment 3*

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SUBJECT NO	ASSESSMENT TASK		MARK ALLOCATION	CONTENT COVERAGE	STUDY PROGRAMME
4 Mathematics N3	Assignment 1	✓	100	Modules 1 to 4 Orientation Factors & fractions Exponents, surds & logarithms Equations	Week 37: Study module 1 Week 38: Study module 2 Week 39: Study module 3 Week 40: Study module 4 Week 41: Complete & submit assignment 1*
	Assignment 2	✓	120	Modules 5 to 8 Geometry of co-ordinates Sketch graphs Differential calculus Trigonometry	Week 42: Study module 5 Week 43: Study module 6 Week 44: Study module 7 Week 45: Study module 8 Week 46: Study module 8 Week 47: Complete & submit assignment 2*
	Assignment 3	✓	160	Modules 1 to 8 Revision	Week 48: Complete & submit assignment 3*

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