

NATIONAL CERTIFICATE N1 ENGINEERING STUDIES: BOILERMAKER

No SUBJECT	ASSESSMENT TASK		MARK ALLOCATION	CONTENT COVERAGE	STUDY PROGRAMME
1 Metal workers Theory N1	Assignment 1	✓	100	Modules 1 to 4 Safety & housekeeping Care & use of tools Developments Metals	Week 1: Study module 1 Week 2: Study module 2 Week 3: Study module 2 Week 4: Study module 3 & 4 Week 5: Complete & submit assignment 1*
	Assignment 2	✓	100	Modules 5 to 9 Plates & sections Machines Riveted joints Bolted joints Oxy-Acetylene	Week 6: Study module 5 Week 7: Study module 6 Week 8: Study module 7 & 8 Week 9: Study module 9 Week 10: Complete & submit assignment 2*
	Assignment 3	✓	100	Modules 10 to 11 Metal arc welding Calculations Revision	Week 11: Study module 10 & 11 Week 12: Complete & submit assignment 3*

*Assessment Tool: Marking Memorandum

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2 Plating & Structural Steel Drawings N1	Assignment 1	✓	100	Modules 1 to 6 Construction Projection Welding Parallel line method Radial line method Triangulation	Week 13: Study module 1
	Assignment 2	✓	200		Week 14: Study module 2
	Assignment 3	✓	200		Week 15: Study module 2
					Week 16: Study module 3
					Week 17: Study module 4
					Week 18: Study module 4
					Week 19: Study module 4
					Week 20: Study module 5
					Week 21: Study module 5 & 6
					Week 22: Complete & submit assignment 1*
					Week 23: Complete & submit assignment 2*
					Week 24: Complete & submit assignment 3*

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No SUBJECT	ASSESSMENT TASK		MARK ALLOCATION	CONTENT COVERAGE	STUDY PROGRAMME
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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No 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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