

NATIONAL CERTIFICATE N2 ENGINEERING STUDIES: FITTING AND TURNING

SUBJECT NO	ASSESSMENT TASK		MARK ALLOCATION	CONTENT COVERAGE	STUDY PROGRAMME
1 Fitting & Machining N2	Assignment 1	✓	200	Modules 1 to 6 Occupational safety Couplings Limits & fits Bearings Lubrication V-belt drives	Week 1: Study module 1 Week 2: Study module 2 & 3 Week 3: Study module 4 Week 4: Study module 5 & 6 Week 5: Complete & submit assignment 1*
	Assignment 2	✓	100	Modules 7 to 12 Gear drives Chain drives Reduction gearboxes 1&2 Packing, stuffing boxes & joints Pipes & fittings	Week 6: Study module 7 & 8 Week 7: Study module 9 - 12 Week 8: Complete & submit assignment 2*
	Assignment 3	✓	300	Modules 13 to 19 Pumps Compressors Hydraulics Pneumatics Milling machines Centre lathe Surface grinding	Week 9: Study module 13 - 16 Week 10: Study module 17 & 19 Week 11: Study module 18 Week 12: Complete & submit assignment 3*

*Assessment Tool: Marking Memorandum

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2 Engineering Drawings N2	Assignment 1	✓	100	Modules 1 to 9 Fundamentals Drawing terminology Fastening & welding devices Screw threads Machining & surface texture symbols First-angle orthographic projection Isometric drawing Third-angle orthographic projection Curves of interpenetration	Week 13: Study module 1
	Assignment 2	✓	100		Week 14: Study module 2
	Assignment 3	✓	100		Week 15: Study module 3
					Week 16: Study module 4
					Week 17: Study module 5
					Week 18: Study module 6
					Week 19: Study module 7
					Week 20: Study module 8
					Week 21: Study module 9
					Week 22: Complete & submit assignment 1*
					Week 23: Complete & submit assignment 2*
					Week 24: Complete & submit assignment 3*

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SUBJECT	ASSESSMENT TASK		MARK ALLOCATION	CONTENT COVERAGE	STUDY PROGRAMME
3 Engineering Science N2	Assignment 1	✓	120	Modules 1 to 9 Dynamics Statics Energy Work, power & efficiency Mechanics drives & lifting machines Friction Heat Particle structure of matter Electricity	Week 25: Study module 1
	Assignment 2	✓	150		Week 26: Study module 2
	Assignment 3	✓	115		Week 27: Study module 3
					Week 28: Study module 4
					Week 29: Study module 5
					Week 30: Study module 6
					Week 31: Study module 7
					Week 32: Study module 8
					Week 33: Study module 9
					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 N2	Assignment 1	✓	130	Modules 1 to 4 Orientation Exponents & logarithms Factorisation & algebraic fractions 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	✓	100	Modules 5 to 8 Algebraic graphs Measuring angles Trigonometry Mensuration	Week 42: Study module 5 Week 43: Study module 6 Week 44: Study module 7 Week 45: Study module 7 Week 46: Study module 8 Week 47: Complete & submit assignment 2*
	Assignment 3	✓	125	Modules 1 to 9 Revision	Week 48: Complete & submit assignment 3*

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