

Year 1/Level 1 (23 hrs) Sept	Year 1/Level 2 (22 hrs) Jan	Year 2/Level 3 (25 hrs) Sept	Year 2/Level 4 (24 hrs) Jan	Year 3/Level 5 (21 hrs) Sept	Year 3/Level 6 (19 hrs) Jan
BPR101 (2/0) Blueprint Reading Corequisite SHP101	TLD201 (2/0) Tool Design Prerequisite BPR101	PLC301 (1/2) PLC Electrical Control Systems	DIE401 (2/2) Die Design Prerequisite JFX301	ELF501 (2/1) Electricity Prerequisite MTH301	MKM601 (2/0) Entrepreneurship Corequisite IBL601
		JFX301 (2/2) Jig and Fixture Design Prerequisite TLD201, MTH201	MCD401 (2/2) Machine Design Prerequisite JFX301	ADM501 (4/0) Advanced Modeling Design Techniques Prerequisite JFX301, QLA401	PRD602 (0/4) Prototype Management Prerequisite ADM501
CNC101 (2/0) Computer Numerical Control	CAM201 (0/2) Computer Assisted Machining Prerequisite BPR101, CNC101, THY101	MDD301 (2/2) Mould Design Prerequisite TLD201	EST401 (3/0) Estimating Prerequisite MTH301	IND501 (3/0) Industrial Design Ergonomics Prerequisite EST401, MAN401	ETR601 (2/0) Electronics Prerequisite ELF501
THY101 (3/0) Machining Theory Corequisite SHP101	THY201 (3/0) Machining Theory Prerequisite THY101	MAN301 (2/2) Manufacturing Processes I Prerequisite THY201, MTH201	MAN401 (2/2) Manufacturing Process II Prerequisite MAN301	MAN501 (3/0) Project Management Prerequisite EST401, MAN401	IBL601 (2/0) Industrial Business Law and the Patent System Prerequisite MAN501 Corequisite MKM601
MAT111 (3/0) Mathematics	MTH201 (2/0) Technical Mathematics I Prerequisite MAT111	MTH301 (4/0) Technical Mathematics II Prerequisite MTH201	QLA401 (2/1) Quality Assurance CMM Prerequisite THY201	MTH501 (4/0) Software Mathematics Prerequisite MTH301	EEA601 (4/0) Engineering Analysis Prerequisite MTH501
SHP101 (0/10) Shop Corequisite BPR101, THY101	SHP201 (0/10) Shop Prerequisite SHP101, THY101	HPN301 (2/1) Hydraulics and Pneumatics Prerequisite MTH201	SHP401 (0/3) Shop Prerequisite SHP201	ACC501 (2/0) Management Accounting Prerequisite MTH301	BKM601 (2/0) Brand Management Prerequisite ACC501
COM101 (3/0) or COM111 (6/0) Communicating Across Contexts	General Education Elective (3/0)	General Education Elective (3/0)	General Education Elective (3/0)	MKM501 (2/0) Marketing Fundamentals	TEC400 (4/0) Technical Communications Prerequisite COM101/COM111