

Year 1/Level 1 (23 hrs) September	Year 1/Level 2 (22 hrs) January	Year 2/Level 3 (25 hrs) September	Year 2/Level 4 (24 hrs) January
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
		JFX301 (2/2) Jig and Fixture Design Prerequisite TLD201, MTH201	MCD401 (4/0) Machine Design Prerequisite JFX301
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
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
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
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
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)