

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