

SPARTANBURG COMMUNITY COLLEGE
ASSOCIATE IN APPLIED SCIENCE DEGREE
MAJOR in MACHINE TOOL TECHNOLOGY

<u>FIRST SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
MTT 111	Machine Tool Theory & Practice I	2	9	5
EGT 104	Print Reading	3	0	3
EEM 107	Industrial Computer Techniques	2	0	2
IMT 102	Industrial Safety	2	0	2
MAT 101	Beginning Algebra	3	0	3
	Elective	2	0	2
		<u>14</u>	<u>9</u>	<u>17</u>
<u>SECOND SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
MTT 112	Machine Tool Theory & Practice II	2	9	5
EGT 108	Advanced Print Reading & Sketching	2	0	2
EGT 152	Fundamentals of CAD	3	0	3
MAT 168	Geometry & Trigonometry	3	0	3
		<u>10</u>	<u>9</u>	<u>13</u>
<u>THIRD SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
MTT 113	Machine Tool Theory & Practice III	1	12	5
EGT 245	Principles of Parametric CAD	3	0	3
MTT 250	Principles of CNC	3	0	3
MTT 270	Operations & Programming of CMM	3	0	3
		<u>10</u>	<u>12</u>	<u>14</u>
<u>FOURTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
MTT 253	CNC Programming & Operations	0	9	3
MTT 275	Introduction to NIMS Credentialing	0	12	4
ENG 165	Professional Communications	3	0	3
HSS 205	Technology & Society or other approved Humanities/Fine Arts requirement	3	0	3
		<u>6</u>	<u>21</u>	<u>13</u>
<u>FIFTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
ECO 101	Basic Economics or other approved Social/Behavioral Science requirement	3	0	3
MTT 249	Introduction to CAM	3	0	3
MTT 254	CNC Programming I	0	9	3
MTT 285	NIMS Level I Capstone	1	9	4
		<u>7</u>	<u>18</u>	<u>13</u>
GRAND TOTAL		47	69	70

TOTAL CREDITS: 70

Approved by ARC