

SPARTANBURG COMMUNITY COLLEGE
ASSOCIATE IN APPLIED SCIENCE DEGREE
MAJOR in GENERAL TECHNOLOGY: MECHATRONICS TECHNOLOGY

<u>FIRST SEMESTER</u>		C	L	Cr
EEM 117	AC/DC Circuits	2	6	4
EEM 151	Motor Controls I	3	3	4
EEM 107	Industrial Computer Techniques	2	0	2
IMT 131	Hydraulics & Pneumatics	3	3	4
		<u>10</u>	<u>12</u>	<u>14</u>
<u>SECOND SEMESTER</u>		C	L	Cr
AMT 105	Robotics & Automated Control I	1	6	3
IMT 112	Hand Tool Operations	2	3	3
IMT 102	Industrial Safety	2	0	2
IMT 161	Mechanical Power Applications	2	6	4
MAT 155	Contemporary Mathematics	3	0	3
		<u>10</u>	<u>15</u>	<u>15</u>
<u>THIRD SEMESTER</u>		C	L	Cr
EEM 251	Programmable Controllers	3	0	3
IMT 170	Statistical Process Control	3	0	3
EEM 201	Electronics Devices I	2	3	3
ENG 165	Professional Communications	3	0	3
		<u>11</u>	<u>3</u>	<u>12</u>
<u>FOURTH SEMESTER</u>		C	L	Cr
EEM 162	Introduction to Process Control	2	3	3
AMT 206	Electricity & Automation	0	6	2
EEM 221	DC/AC Drives	2	3	3
EEM 252	Programmable Controllers Applications	2	3	3
IDS 101	Human Thought & Learning	3	0	3
		<u>9</u>	<u>15</u>	<u>14</u>
<u>FIFTH SEMESTER</u>		C	L	Cr
ECO 101	Basic Economics or other Social/Behavioral Science	3	0	3
AMT 205	Robotics & Automated Control II	1	6	3
EEM 275	Technical Troubleshooting	3	0	3
HSS 205	Technology & Society	3	0	3
	Elective	3	0	3
		<u>13</u>	<u>6</u>	<u>15</u>
GRAND TOTAL		53	51	70

TOTAL CREDITS: 70

Approved by ARC