

SPARTANBURG COMMUNITY COLLEGE
ASSOCIATE IN APPLIED SCIENCE DEGREE
MAJOR in INDUSTRIAL ELECTRONICS TECHNOLOGY

<u>FIRST SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EEM 117	AC/DC Circuits I	3	3	4
EEM 107	Industrial Computer Techniques	1	3	2
EEM 151	Motor Controls I	3	3	4
EEM 211	AC Machines	2	3	3
MAT 101	Beginning Algebra	3	0	3
		<u>12</u>	<u>12</u>	<u>16</u>
<u>SECOND SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EEM 109	NCCER Core Curriculum	3	0	3
EEM 118	AC/DC Circuits II	3	3	4
EEM 152	Motor Controls II	3	3	4
EEM 162	Introduction to Process Control	3	0	3
MAT 168	Geometry & Trigonometry	3	0	3
		<u>15</u>	<u>6</u>	<u>17</u>
<u>THIRD SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EEM 145	Control Circuits	3	0	3
EEM 201	Electronics Devices	2	3	3
EEM 251	Programmable Controllers	3	0	3
	Free Elective	2	*	2
		<u>10</u>	<u>3</u>	<u>11</u>
<u>FOURTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EEM 202	Electronics Devices II	2	3	3
EEM 221	DC/AC Drives	2	3	3
EEM 231	Digital Circuits I	2	3	3
EEM 252	Programmable Controllers Applications	3	0	3
ENG 165	Professional Communications	3	0	3
PSY 103	Human Relations	3	0	3
		<u>15</u>	<u>9</u>	<u>18</u>
<u>FIFTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EEM 123	Schematics Analysis	3	0	3
EEM 240	Basic Microprocessors	3	3	4
EEM 275	Technical Troubleshooting	3	0	3
EEM 276	Applied Troubleshooting	1	6	3
HSS 205	Technology & Society	3	0	3
		<u>13</u>	<u>9</u>	<u>16</u>
GRAND TOTAL		61	51	78

TOTAL CREDITS: 70

Approved by ARC