

SPARTANBURG COMMUNITY COLLEGE
ASSOCIATE IN APPLIED SCIENCE DEGREE

Electronics Engineering Technology with Electro-Mechanical Electives

<u>FIRST SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EET 145	Digital Circuits	3	- 3	- 4
EGR 104	Engineering Technology Foundations	3	- 0	- 3
EGR 112	Engineering Programmin	2	- 3	- 3
ENG 101	English Composition	3	- 0	- 3
	Transfer math to include algebra, trigonometry and introduction to calculus	3	- 0	- 3
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		14	- 6	- 16
<u>SECOND SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EET 111	DC Circuits	3	- 3	- 4
EET 112	AC Circuits	3	- 3	- 4
EGT 151	Intro to CAD	3	- 0	- 3
	Transfer math to include algebra, trigonometry and introduction to calculus	3	- 0	- 3
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		12	- 6	- 14
<u>THIRD SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EET 131	Active Devices	3	- 3	- 4
EGR 175	Manufacturing Processes	3	0	3
EET 235	Programmable Controllers	2	- 3	- 3
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		8	- 6	- 10
<u>FOURTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EET 141	Electronic Circuits	3	- 3	- 4
EET 236	PLC Systems Programming	2	- 3	- 3
PHY 201	Physics I	3	- 3	- 4
MET 227	Instrumentation Principles	1	- 3	- 2
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		9	- 12	- 13
<u>FIFTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
	Communications Requirement	3	- 0	- 3
EET 273	Electronics Senior Project	0	- 3	- 1
EET 231	Industrial Electronics	3	- 3	- 4
MET 224	Hudraulics & Pneumatics	2	- 3	- 3
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		8	- 9	- 11
<u>SIXTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
	Social/Behavioral Science requirement	3	- 0	- 3
	Humanities/Fine Art requirement	3	- 0	- 3
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		6	- 0	- 6
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GRAND TOTAL		57	- 42	- 70

TOTAL CREDITS: 70

Approved by ARC