

***ELECTRICAL TECHNOLOGY***  
**CURRICULUM**

**FIRST YEAR**

<b>First Semester</b>	<b>Hours</b>
ELT 1113 Residential/Light Commercial Wiring.....	3
ELT 1193 Fundamentals of Electricity .....	3
IMM 1313 Principles of Hydraulics and Pneumatics .....	3
IMM 1813 Industrial Electricity Level I.....	3
ENG 1113 English Composition I.....	3
Total Hours .....	15

**Second Semester**

IMM 1823 Industrial Wiring Level II.....	3
ELT 1143 DC and AC Circuits for Electrical Technology.....	3
IMM 1173 Motor Maintenance and Troubleshooting.....	3
IMM 1323 Motor Control Systems.....	3
Fine Arts/Humanities Elective.....	3
Total Hours .....	15

**SECOND YEAR**

**First Semester**

IMM 1383 Industrial Robotics.....	3
IMM 2423 Solid State Motor Control.....	3
IMM 2613 Programmable Logic Controllers.....	3
MAT 1313 College Algebra or higher or Natural Science with Lab.....	3/4
Social/Behavioral Science Elective .....	3
Total Hours .....	15/16

**Second Semester**

IMM 2113 Systems Troubleshooting.....	3
IMM 2623 Advanced Programmable Logic Controllers.....	3
ELT 2913 Special Projects in ELT .....	3
ELT 1253 Branch Circuit and Service Entrance Calculations.....	3
SPT 1113 Public Speaking I or	
SPT 2173 Interpersonal Communication.....	3
Total Hours .....	15
Total Semester Hours.....	60/61

**NOTE:** Computer competency requirements must be met.