

## Program Curriculum

<i>First Semester Freshman</i>	<i>Semester</i>
ELT 1263 Blueprint Reading	3
EET 1114 DC Circuits	4
ELT 1113 Residential Wiring	3
ELT 1192 Fundamentals of Electricity	2
ELT 1213 Electrical Power	3
Mathematics/Science Elective	3
LLS 1311 Orientation	<u>1</u>
<b>Total Hours</b>	<b>19</b>

<i>Second Semester</i>	<i>Semester</i>
ELT 1253 Branch Circuit and Service Entry Calculations	3
EET 1123 AC Circuits	3
ELT 1123 Commercial Wiring	3
ELT 1223 Motor Maintenance and Troubleshooting	3
ELT 1413 Motor Control Systems	3
Social/Behavioral Science Elective	<u>3</u>
<b>Total Hours</b>	<b>18</b>

<i>Third Semester Sophomore</i>	<i>Semester</i>
ELT 2613 Programmable Logic Controls	3
ENG 1113 English Composition I	3
ELT 2113 Equipment Maintenance, Troubleshooting, and Repair	3
Humanities/Fine Arts Elective	3
<b>Total Hours</b>	<b>12</b>

<i>Fourth Semester</i>	<i>Semester</i>
ELT Solid State Motor Control	4
ELT 2623 Advanced Programmable Logic Controllers	3
SPT 1113 Oral Communication	3
ELT 2913 Special Projects	<u>3</u>
<b>Total Hours</b>	<b>13</b>

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Career Technical Education

# Electrical Technology

## Program Description

The postsecondary Electrical Technology program prepares individuals to install, operate, maintain, and repair electrically-energized systems such as residential, commercial, and industrial electric wiring, and D.C. and A.C. motors, controls, and electrical-distribution panels. Instruction in the use of test equipment is included. An Associate of Applied Science degree is awarded upon successful completion of the two year program. Students will also be subject to participate in the NCCER Certification during the progression of the program.

## Admission Requirements

Priority given to applicants with ACT composite of 16 or equivalent ACCUPLACER score. All applicants must present documents of their scores.

## Job Opportunities

The program has an excellent reputation with local industries looking for skilled workers and placement of students who complete the program is a top priority. Typical jobs filled by students who have completed this program include wiring residential, industrial and/or commercial installations.

## Contact Information

Brad Van Norman, Program Director 601-276-3729  
bvn@smcc.edu

Career Technical Counselor  
601-276-3722

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