Seventh Semester – Spring
EIT 110  Principles of Instrumentation  3
EIT 244  Computers and PLCs in Instrumentation  3
Total 6

Important information about the educational debt, earnings, and completion rates of students who attended this program can be found in section D.

Electrician: Construction

Certificate in Applied Science
Credit Requirements: 30 Semester Credit Hours
Day
The Electrician: Construction certificate program prepares you for employment in the electrical construction trade. Emphasis is placed on electrical theory, wiring techniques, electrical equipment installations and license preparation in accordance with the latest edition of the National Electrical Code.

Admission into this program requires qualifying scores on SAT, ACT or TTC’s placement test. High school graduation is not required if you are at least 18 years old.

Recommended Sequence of Courses
First Semester – Fall
EEM 113  DC Circuits I  2
EEM 114  DC Circuits II  2
EEM 163  Residential Wiring I  2
EEM 164  Residential Wiring II  2
EEM 167  Commercial/Industrial Wiring I  2
EEM 168  Commercial/Industrial Wiring II  2
Total 12

Second Semester – Spring
EEM 119  AC Circuits I  2
EEM 120  AC Circuits II  2
EEM 173  Electrical Installation I  2
EEM 174  Electrical Installation II  2
Total 8

Third Semester – Summer
EEM 107  Industrial Computer Techniques  2
EEM 108  Basic Industrial Skills I  2
EEM 110  Basic Industrial Skills II  2
Total 6

Fourth Semester – Fall
EEM 138  National Electrical Code I  2
EEM 139  National Electrical Code II  2
Total 4

Important information about the educational debt, earnings, and completion rates of students who attended this program can be found in section D.

Electrician: Construction

Certificate in Applied Science
Credit Requirements: 30 Semester Credit Hours
Evening
The Electrician: Construction certificate program prepares you for employment in the electrical construction trade. Emphasis is placed on electrical theory, wiring techniques, electrical equipment installations and license preparation in accordance with the latest edition of the National Electrical Code.

Admission into this program requires qualifying scores on SAT, ACT or TTC’s placement test. High school graduation is not required if you are at least 18 years old.

Recommended Sequence of Courses
First Semester – Spring
EEM 113  DC Circuits I  2
EEM 114  DC Circuits II  2
EEM 163  Residential Wiring I  2
EEM 164  Residential Wiring II  2
Total 8

Second Semester – Summer
EEM 119  AC Circuits I  2
EEM 120  AC Circuits II  2
Total 6

Third Semester – Fall
EEM 107  Industrial Computer Techniques  2
EEM 119  AC Circuits I  2
EEM 120  AC Circuits II  2
Total 4

Fourth Semester – Spring
EEM 138  National Electrical Code I  2
EEM 139  National Electrical Code II  2
EEM 173  Electrical Installation I  2
EEM 174  Electrical Installation II  2
Total 8

Fifth Semester – Summer
EEM 108  Basic Industrial Skills I  2
EEM 110  Basic Industrial Skills II  2
Total 4

Important information about the educational debt, earnings, and completion rates of students who attended this program can be found in section D.