

### Secondary Path Requirements

BCT 140	Commercial Wiring	3
BCT 141	Fixtures and Installation	3
EEM 165	Residential/Commercial Wiring	4
IMT 210	Basic Industrial Skills I	3

### Additional Requirements

EEM 140	National Electrical Code	3
IMT 211	Basic Industrial Skills II	3

### Oral Communication Electives

ENG 260	Advanced Technical Communications	3
HSS 201	Issues in Humanities	3
SPC 205	Public Speaking	3
SPC 209	Interpersonal Communication	3
THE 101	Introduction to Theater	3

## Electrician: Industrial and Construction Career Path Day

Credit Requirements: 62 Semester Credit Hours

### Recommended Sequence of Courses

#### First Semester – Fall

BCT 140	Commercial Wiring	3
EEM 117	AC/DC Circuits I	4
EEM 165	Residential/Commercial Wiring	4
IMT 210	Basic Industrial Skills I	3

**Total 14**

#### Second Semester – Spring

EEM 118	AC/DC Circuits II	4
EEM 131	Solid State Devices	4
IMT 211	Basic Industrial Skills II	3
ELE MAT	Select one course from Mathematics Electives on page B-3	3

**Total 14**

#### Third Semester – Summer

BCT 141	Fixtures and Installation	3
EEM 107	Industrial Computer Techniques	2
EEM 217	AC/DC Machines with Electrical Codes	4
EEM 221	DC/AC Drives	3

**Total 12**

#### Fourth Semester – Fall

EEM 140	National Electrical Code	3
EEM 151	Motor Controls I	4
EEM 251	Programmable Controllers	3
ENG 101	English Composition I	3

**Total 13**

### Fifth Semester – Spring

ELE HUM	Select one course from Humanities Electives on page B-3	3
ELE SSC	Select one course from Behavioral and Social Sciences Electives on page B-3	3
ELE Oral	Select one course from Oral Communication Electives	3

**Total 9**

### Oral Communication Electives

ENG 260	Advanced Technical Communications	3
HSS 201	Issues in Humanities	3
SPC 205	Public Speaking	3
SPC 209	Interpersonal Communication	3
THE 101	Introduction to Theater	3

## Electrician: Industrial and Construction Career Path Evening

Credit Requirements: 62 Semester Credit Hours

### Recommended Sequence of Courses

#### First Semester – Spring

EEM 117	AC/DC Circuits I	4
EEM 165	Residential/Commercial Wiring	4

**Total 8**

#### Second Semester – Summer

EEM 107	Industrial Computer Techniques	2
EEM 118	AC/DC Circuits II	4

**Total 6**

#### Third Semester – Fall

EEM 131	Solid State Devices	4
EEM 217	AC/DC Machines with Electrical Codes	4

**Total 8**

#### Fourth Semester – Spring

BCT 141	Fixtures and Installation	3
EEM 151	Motor Controls I	4

**Total 7**

#### Fifth Semester – Summer

IMT 210	Basic Industrial Skills I	3
IMT 211	Basic Industrial Skills II	3

**Total 6**