

Second Semester – Spring

BCT 118	AC/DC Circuits II	4
EEM 131	Solid State Devices	4
		Total 8

Third Semester – Summer

EEM 107	Industrial Computer Techniques	2
EEM 217	AC/DC Machines with Electrical Codes	4
EEM 221	DC/AC Drives	3
		Total 9

Fourth Semester – Fall

EEM 140	National Electrical Code	3
EEM 151	Motor Controls I	4
EEM 251	Programmable Controllers	3
		Total 10

Electrician: Industrial

Certificate in Applied Science

Credit Requirements: 34 Semester Credit Hours

Evening

The Electrician: Industrial certificate program prepares you for employment as an industrial maintenance electrician. Emphasis is placed on electrical/electronic theory and industrial electrical equipment such as motors, transformers, motor control systems, drive systems and programmable controllers. Special emphasis is placed on developing troubleshooting skills.

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 117	AC/DC Circuits I	4
		Total 4

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

EEM 151	Motor Controls I	4
		Total 4

Fifth Semester – Summer

BCT 140	Commercial Wiring	3
EEM 251	Programmable Controllers	3
		Total 6

Sixth Semester – Fall

EEM 140	National Electrical Code	3
EEM 221	DC/AC Drives	3
		Total 6

Esthetics

Certificate in Applied Science

Credit Requirements: 24 Semester Credit Hours

This certificate program teaches basic skin care, various facials, makeup application, hair removal, sanitation procedures and salon management practices.

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 and can provide proof of 10th grade completion (no correspondence schools).

Recommended Sequence of Courses

First Semester

COS 151	Dermatology	3
COS 152	Hygiene and Sanitation	2
COS 153	Structure and Function of Human Systems	3
COS 156	Fundamentals of Massage	2
COS 158	Facial Treatments	2
COS 160	Electric Current Facial Treatments	1
COS 162	Hair Removal	1
		Total 14

Second Semester

COS 164	Basic Makeup and Application	3
COS 165	Business Practice	3
COS 221	Facial Practice I	2
COS 223	Facial Practice II	2
		Total 10

Note: Palmer Campus sequence of courses varies. See your advisor.