

Industrial Technology

Ninth Semester – Fall

REQ HUM	Select one course from Humanities listing on page B-3	3
REQ SSC	Select one course from Behavioral/Social Sciences listing on page B-4	3
REQ OTH	Select three hours from Other courses listed on page B-4	3
		Total 9

Electrician: Industrial and Construction Course Display

Credit Requirements: 62 Semester Credit Hours

Core Curriculum Requirements

REQ COM	Select on course from Communication listing on page B-3	3
REQ MAT	Select one math course from Mathematics/Natural Sciences listing on page B-4	3
REQ HUM	Select one course from Humanities listing on page B-3	3
REQ OTH	Select three hours from Other courses listing on page B-4	3
REQ SSC	Select one course from Behavioral/Social Sciences listing on page B-4	3

Primary Path Requirements

EEM 107	Industrial Computer Techniques	2
EEM 117	AC/DC Circuits I	4
EEM 118	AC/DC Circuits II	4
EEM 131	Solid State Devices	4
EEM 151	Motor Controls I	4
EEM 217	AC/DC Machines with Electrical Codes	4
EEM 221	DC/AC Drives	3
EEM 251	Programmable Controllers	3

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

Electrician: Industrial and Construction Career Path

Credit Requirements: 62 Semester Credit Hours Day

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
REQ MAT	Select one math course from Mathematics/Natural Sciences listing on page B-4	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
REQ COM	Select one course from Communication listing on page B-3	3
		Total 13

Fifth Semester – Spring

REQ HUM	Select one course from Humanities listing on page B-3	3
REQ SSC	Select one course from Behavioral/Social Sciences listing on page B-4	3
REQ OTH	Select three hours from Other courses listing on page B-4	3
		Total 9