Second Semester – Spring

EGR 110	Introduction to Computer Environment	3
*MAT 110	College Algebra	3
ELE HUM	Select one course from Humanities Electives on page B-3	3
		Total 9

Third Semester – Summer

EGT 151	Introduction to CAD	3
*MAT 111	College Trigonometry	3
		Total 6

Fourth Semester – Fall

CET 204	Surveying I	4
PSY 201	General Psychology	3
		Total 7

Fifth Semester – Spring

CET 205	Surveying II	4
		Total 4

Sixth Semester – Summer

EGR 190	Statics	3
**PHY 201	Physics I	4
		Total 7

Seventh Semester – Fall

CET 210	Strength of Materials	3
CET 218	Hydraulics	3
GMT 250	Evidence Procedures for Boundary Control	3
		Total 9

Eighth Semester – Spring

CET 215	Soil Mechanics Fundamentals	2
CET 251	Highway Design	3
		Total 5

Ninth Semester – Summer

*MAT 120	Probability and Statistics	3
or		
MAT 130	Elementary Calculus	3
**PHY 202	Physics II	4
		Total 7

Tenth Semester – Fall

SPC 205	Public Speaking	3
		Total 3

Eleventh Semester – Spring

CET 244	Structural Steel Design	3
CET 246	Environmental Systems Technology	3
ELE CET	Select one course from Civil Engineering Technology Electives	2
		Total 8

Civil Engineering Technology Electives

AET 110	Architectural Graphics I	3
CET 127	Building Construction and Print Reading	4
CET 135	Construction Contracts	2
CET 230	Construction Management	3
CET 238	Construction Planning and Scheduling	2
CET 245	Cost Estimating	3
CWE	Cooperative Work Experience	2
EGR 282	Introduction to Civil Engineering	2
EGT 152	Fundamentals of CAD	3

**Students may choose any of the following math sequences: MAT 110, MAT 111, MAT 130; or MAT 110, 111, 120; or MAT 110, MAT 111, MAT 140 ;or MAT 112, MAT 140.*
***Students may choose PHY 221 instead of PHY 201 and PHY 222 or CHM 110 instead of PHY 202.*
****Allowable alternate: EGR 275*

Electronics Engineering Technology

Associate in Applied Science
Credit Requirements: 70-73 Semester Credit Hours
Day

The Electronics Engineering Technology program prepares students for a broad range of jobs in the electrical and electronic fields. Graduates of the program may become employed as broadcast technicians, business machine technicians, customer service representatives, computer service technicians, engineering technicians, laboratory technicians, field engineering technicians, engineering aides, electrical sales technicians, technical writers and electrical instrument technicians.

Recommended Sequence of Courses
First Semester – Fall

EGR 104	Engineering Technology Foundations	3
EGR 110	Introduction to Computer Environment	3
ENG 101	English Composition I	3
MAT 110	College Algebra	3
		Total 12

Second Semester – Spring

EET 113	Electrical Circuits I	4
EET 145	Digital Circuits	4
EGR 230	Measurement Principles	4
MAT 111	College Trigonometry	3
		Total 15

Third Semester – Summer

*EGT 109	Introduction to Engineering Design Graphics	3
PHY 201	Physics I	4
SPC 205	Public Speaking	3
ELE HUM	Select one course from Humanities Electives on page B-3	3
		Total 13

Fourth Semester – Fall

EET 141	Electronic Circuits	4
EEM 251	Programmable Controllers	3
EGR 175	Manufacturing Processes	3
PSY 201	General Psychology	3
ELE EET	Select one course from the Electronics Engineering Technology Math/Science Electives	3-4
		Total 16-17

Fifth Semester – Spring

EEM 252	Programmable Controllers Applications	3
EET 241	Electronic Communications	4
EET 243	Data Communications	3
EGR 255	Engineering Technology Senior Systems Project	2
ELE EET	Select one course from Electronics Engineering Technology Technical Electives	2-4
		Total 14-16

Electronics Engineering Technology Electives

Technical Electives

EEM 217	AC/DC Machines with Electrical Codes	4
EEM 221	DC/AC Drives	3
EGT 151	Introduction to CAD	3
IMT 102	Industrial Safety	2

Math/Science Electives

CHM 110	College Chemistry I	4
MAT 120	Probability and Statistics	3
MAT 130	Elementary Calculus	3
MAT 140	Analytic Geometry and Calculus I	4
PHY 202	Physics II	4

**Allowable alternate: EGR 275*

Electronics Engineering Technology

Associate in Applied Science
Credit Requirements: 70-73 Semester Credit Hours
Evening

The Electronics Engineering Technology program prepares students for a broad range of jobs in the electrical and electronic fields. Graduates of the program may become employed as broadcast technicians, business machine technicians, customer service representatives, computer service technicians, engineering technicians, laboratory technicians, field engineering technicians, engineering aides, electrical sales technicians, technical writers and electrical instrument technicians.

Recommended Sequence of Courses

First Semester – Fall

EGR 104	Engineering Technology Foundations	3
EGR 110	Introduction to Computer Environment	3
ENG 101	English Composition I	3
		Total 9

Second Semester – Spring

EET 113	Electrical Circuits I	4
EET 145	Digital Circuits	4
MAT 110	College Algebra	3
		Total 11

Third Semester – Summer

*EGT 109	Introduction to Engineering Design Graphics	3
MAT 111	College Trigonometry	3
		Total 6

Fourth Semester – Fall

EGR 175	Manufacturing Processes	3
EET 141	Electronic Circuits	4
SPC 205	Public Speaking	3
		Total 10

Fifth Semester – Spring

EET 241	Electronic Communications	4
EET 243	Data Communications	3
ELE EET	Select one course from Electronics Engineering Technology Technical Electives	2-4
		Total 9-11