



Electronics Engineering Technology Associate in Applied Science

Recommended Course Sequence

First Semester – Fall

Fall 1

MAT 170	Algebra, Geometry and Trigonometry I	Credit: 3
EGR 104	EGR 104 - Engineering Technology Foundations Credit: 3	Credit: 3

Fall 2

EGT 151	Introduction to CAD Credit: 3	Credit: 3
EGR 110	Introduction to Computer Environment Credit: 3	<u>Credit: 3</u>
		Total: 12

Second Semester - Spring

Spring 1

EGR 290	Numerical Applications in Engineering Technology	Credit: 3
EET 113	Electrical Circuits I	Credit: 4

Spring 2

EET 210	Digital Integrated Circuits	Credit: 4
REQ HUM	Select from Humanities	<u>Credit: 3</u>
		Total: 14

Third Semester - Summer

EET 131	Active Devices	Credit: 4
EGR 234	Control Principles	Credit: 3
REQ SSC	Select from Behavioral/Social Sciences	Credit: 3
ENG 101	English Composition I	<u>Credit: 3</u>
		Total: 13

Fourth Semester - Fall

Fall 1

EEM 218	AC DC Machines with Electrical Codes I	Credit: 2
EEM 251	Programmable Controllers	Credit: 3

Fall 2

EEM 219	AC DC Machines with Electrical Codes II	Credit: 2
MET 233	Applied Thermal Principles	<u>Credit: 4</u>
		Total: 11

Fifth Semester - Spring

Spring 1

MET 237	Fluids: Principles and Application	Credit: 4
EEM 252	Programmable Controllers Applications	Credit: 3

Spring 2

ELEC ELE	Technical Elective	Credit: 3
REQ GEN	Select from General Education (SPC 209 Recommended)	<u>Credit: 3</u>
		Total: 13

TOTAL SEMESTER HOURS**63****Technical Electives**

AMT 105	Robotics and Automated Control I	Credit: 3
CWE 113	Cooperative Work Experience	Credit: 3
EGT 152	Fundamentals of CAD	Credit: 3