

Associate of Applied Sciences Degree in GET: Industrial Electricity & Controls Technology – 2 YR Pathway

✓	Course	Title	Cr	Offered	Pre-Req	Mode	Preferred Options & Notes
First Semester							
	EGR 110	Engineering Graphics	3	F SP		H	
	ELE 133	Practical Electricity I	3	F SP		F	Pre/Corequisite: MTE 2 or completion of basic high school math or higher
	ENG 111	College Composition I	3	F SP SU	*	F H O	
	MEC 111	Materials for Industry	3	F		H	
	MTH 130	Fundamentals of Reasoning	3	F SP SU	MTE 1-3	F H O	MTH 161/162, MTH 161/261, MTH 261/262, MTH 263/264
	SDV 100	College Success Skills	1	F SP SU		F H O	
Second Semester							
	CAD 241	Parametric Solid Modeling I	3	SP		H	
	EGR 216	Computer Methods in Engineering & Technology	3	SP		H	Basic Algebra knowledge required
	ELE 134	Practical Electricity	3	SP	ELE 133	F	
	ENG 112 or ENG 115	College Composition II OR Technical Writing	3	F SP SU	ENG 111	F H O	
	MEC 112	Processes of Industry	3	SP		H	
	MTH 131	Technical Mathematics	3	F SP SU	MTE 1-6	F H O	MTH 161/162, MTH 161/261, MTH 261/262, MTH 263/264
Third Semester							
	EGR 206	Engineering Economics	3	F, SU		H	Basic Algebra knowledge required
	ELE 159	Electrical Motors	3	F		F	ELE 134 STRONGLY RECOMMENDED as a prerequisite
	PED/HLT	Physical Education or Health	1	F SP SU	*	F H O	
		Humanities Elective	3	F SP SU	*	F H O	
		Social Science Elective	3	F SP SU	*	F H O	
		Technical Elective	3	F SP		F H	Any course with the prefixes ELE, AIR
Fourth Semester							
	ELE 135/137	National or Residential Electric Code	3	SP		F	
	ELE 156	Electrical Control Systems	3	SP	ELE 159	F	
	IND 145	Introduction to Metrology	3	SP		H	Basic Algebra knowledge required
		Social Science Elective	3	F SP SU	*	F H O	
		Technical Elective	3	F SP		F H	Any course with the prefixes ELE, AIR
		Program Total	65				