

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

✓	Course	Title	Cr	Offered	Pre-Req	Mode	Other Options	Notes
<b>First Semester</b>								
	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	Approved Math Elective	3	F, SP, SU		F, H, O		MTH 120/ 158, MTH 158/163, MTH 163/164, MTH 163/271, MTH 271/272, MTH 173/174
	SDV 100	College Success Skills	1	F, SP, SU		F, H, O		
<b>Second Semester</b>								
	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	College Composition II	3	F, SP, SU	ENG 111	F, H, O	ENG 115	
	MEC 112	Processes of Industry	3	SP		H		
	MTH	Approved Math Elective	3	F, SP, SU		F, H, O		MTH 120/ 158, MTH 158/163, MTH 163/164, MTH 163/271, MTH 271/272, MTH 173/174
<b>Third Semester</b>								
	EGR 206	Engineering Economics	3	F, SU		Hybrid		Basic Algebra knowledge required
	ELE 159	Electrical Motors	3	F		F		ELE 134 STRONGLY RECOMMENDED
	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 following prefixes ELE, AIR, WEL
<b>Fourth Semester</b>								
	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 following prefixes ELE, AIR, WEL
		<b>Program Total</b>	<b>65</b>					

\*Readiness to enroll in ENG 111

**Term Offered:** F-Fall, SP-Spring, SU-Summer

**Mode:** F-Face-to-Face, O-Online, H-Hybrid, D-Distanced to another location