MODEL ROUTE

School:	School of Engineering Technology & Applied Sciences - AMAT	Program Number:	3832

Program Title:	Electrical Engineering Technician Fast Track	Credential:	☐ Certificate ☑ Diploma ☐ Degree ☐ Graduate Certificate ☐ Advanced Diploma

Delivery Mode:	☑ Non Co-Op ☐ Co-Op ☑ Fast Track	Duration:	☑ 2 Semesters ☐ 4 Semesters ☐ 8 Semesters ☐ 3 Semesters ☐ 6 Semesters ☐ 9 Semesters

Intake:	Fall 2024 & Winter 2025

Course Code	Course Title	Co/Pre-Requisite (Course Code)	Lab Hours	Lecture Hours	Total Weekly Hours	Weeks (14)	Total Hours
Semester 3	**Fall 2024 & Winter 2025**						
EET-118	Drawing Interpretation 1 & 2		0	5	5	14	70
EET-119	Installation Methods 1 & 2		5	0	5	14	70
EET-120	Canadian Electrical Code 1 & 2		0	4	4	14	56
EET-215	Introduction to Programmable Logic Controllers		3	0	3	14	42
EET-217 ◆	Electrical Theory 3		0	3	3	14	42
GNED-500 ◆	Global Citizenship: From Social Analysis to Social Action		0	3	3	14	42
COMM-160/161	College Communications 1		0	3	3	14	42
						Total	364
Semester 4	**Winter 2025 & Summer 2025**						
EET-124 ◆	AutoCAD		2	0	2	14	28
EET-216 ◆	Drawing and Installation Methods 3	P: EET-118, EET-119	2	2	4	14	56
EET-223 ◆	Electronics 3		2	2	4	14	56
EET-225	Capstone Project	P: EET-217 , EET-215, (EET-124 or FT Code)	3	1	4	14	56
EET-226	Electric Power Generation & Distribution	P: EET-217	2	2	4	14	56
EET-228	Monitoring Systems & Networking	P: EET-120	2	2	4	14	56
COMM-170/171	College Communications 2	P: COMM-160/161	0	3	3	14	42
AMEG-212 ◆	Applied Ethics in Technology and the Environment		0	2	2	14	28
						Total	378
						Total Program Hours:	742

Notes:

C = Co-Requisite; P = Pre-Requisite

Minimum Program GPA of 2.00 is required for graduation

◆ This course may be offered in one of the following modalities: Online, Hybrid, or Blended

Scheduled Breaks:

This program has no scheduled break

Signature:	*Donald Wang*		April 12, 2022	
	AMAT Chair		Revised Date	