

Electro-Mechanical Technician Level 2 Certificate (3604)

First Year

First Semester – 18 Hours

CETT	1303	DC Circuits	3
CETT	1305	AC Circuits	3
CETT	1321	Electronic Fabrication	3
CETT	1333	Introduction to Computer & CAD Operations	3
EEIR	1301	Math for Electronic Technicians	3
ENTC	1347	Safety and Ergonomics	3

Second Semester – 15 Hours

CETT	1325	Digital Fundamentals	3
ELMT	1301	Programmable Logic Controllers	3
ELMT	1305	Basic Fluid Power	3
INTC	1357	AC/DC Motor Control	3
RBTC	1305	Robotic Fundamentals	3

Second Year

First Semester – 16 Hours

ELMT	2339	Advanced Programmable Logic Controllers	3
ELMT	2341	Electromechanical Systems	3
ENGL	1301	Freshman Composition I	3
ENTC	1349	Reliability and Maintainability	3
PHYS	1405	Introduction to Physics I	4

Total Hours **49**