

Robotics & Automation Level 2 Certificate

Degree Type

Certificate

First Semester

Course Number	Title	Credits
CETT 1407	Fundamentals of Electronics	4
ELMT 1301	Programmable Logic Controllers (PLCs)	3
RBTC 1305	Robotic Fundamentals	3
OSHT 1301	Safety and Health	3
INMT 1305	Introduction to Industrial Maintenance	3

Second Semester

Course Number	Title	Credits
INTC 1357	AC/DC Motor Control	3
ELMT 1305	Basic Fluid Power	3
ELMT 2339	Advanced PLCs	3
RBTC 1345	Robotic Interfacing	3
WLDG 1200	Introduction to Welding	2

Third Semester

Course Number	Title	Credits
RBTC 2345	Robot Applications, Set-up, & Testing	3
INTC 1341	Principles of Automatic Controls	3
DFTG 1309	Basic CADD	3
INMT 2345	Industrial Troubleshooting	3
INMT 2388	Internship - Manuf. Technology	3
Total Credits Required		45