

Industrial Systems Technology Diploma

D50240

FIRST SEMESTER

COURSE NUMBER	TITLE	CONTACT HOURS	CREDITS
ACA 115	Success and Study Skills	1	1
ELC 111	Introduction to Electricity	4	3
ELC 120	Introduction to Wiring	4	3
ELC 125	Diagrams and Schematics	3	2
ELC 127	Software for Technicians	4	2
ELC 128	Introduction to Programmable Logic Controller (PLC)	5	3
WLD 112	Basic Welding Processes	4	2
	Total Credit Hours:		16

SECOND SEMESTER

COURSE NUMBER	TITLE	CONTACT HOURS	CREDITS
ENG 111	Writing and Inquiry	3	3
HYD 110	Hydraulics/Pneumatics I	5	3
MEC 111	Machine Processes I	5	3
MEC 130	Mechanisms	4	3
Total Credit Hours:			12

THIRD SEMESTER

COURSE NUMBER	TITLE	CONTACT HOURS	CREDITS
ISC 121	Environmental Health & Safety	3	3
MNT 110	Introduction to Maintenance Procedures	4	2
Choose ONE of the Following Courses: ART 111, 114, 116 HUM 110, 115, 121 MUS 110, 112 REL 110, 211, 212 PSY 150 SOC 210		3	3
Total Credit Hours:			8

TOTAL DIPLOMA CREDIT HOURS: 36