

Associate In Applied Science Degree (IST)

Program: Industrial Electrical Technology (IST)

Type: AAS Degree

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1

Field of Concentration Courses

Item #	Title	Credits
ETC 101	DC FUNDAMENTALS	3
ETC 102	AC FUNDAMENTALS	3
ETC 107	ELECTRICAL BLUEPRINT READING I	3
ETC 104	DIGITAL FUNDAMENTALS	3
WKO 110	NCCER CORE	3
ETC 108	MOTOR CONTROLS I	3
INT 184	INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS	3
ELT 118	COMMERCIAL/INDUSTRIAL WIRING	3
AUT 117	AC/DC MACHINES	3
ELT 221	ELECTRONICS FOR ELECTRICIANS	3
ELT 192	PRACTICUM/INTERNSHIP/CO-OP	1
	ILT 108/IST 120	3
ELM 214	PUMPS AND PIPING SYSTEMS	3
ILT 214	CONTROL AND TROUBLESHOOTING FLOW, LEVEL, TEMPERATURE, PRESSURE AND LEVEL PROCESSES	3
ELT 212	MOTOR CONTROL II	3
ILT 196	ADVANCED PROGRAMMABLE LOGIC CONTROLLERS	3
ELT 241	NATIONAL ELECTRIC CODE	3
ILT 110	ADVANCED INDUSTRIAL PROCESS CONTROL TECHNOLOGY	3

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
MTH 116	MATHEMATICAL APPLICATIONS	3
	Natural Science/Math Elective	3-4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3
	Total credits:	68-69

Category Descriptions

ILT 108/IST 120

Credits: 3
credits

Off

Natural Science/Math Elective

Credits: 3-4

History or Social/Behavioral Science Elective

Credits: 3

Humanities/Fine Arts Elective

Credits: 3