

Long-Term Certificate

Program

Industrial Systems Technology

Degree Type

Long-Term Certificate

Location

Hamilton & Sumiton Campuses

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1

Core 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
MTH 116	MATHEMATICAL APPLICATIONS	3
WKO 110	NCCER CORE	3
ETC 108	MOTOR CONTROLS I	3
INT 184	INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS	3
AUT 117	AC/DC MACHINES	3
ELT 118	COMMERCIAL/INDUSTRIAL WIRING	3
ELT 192	PRACTICUM/INTERNSHIP/CO-OP	1
ENG 101	ENGLISH COMPOSITION I	3
ELM 214	PUMPS AND PIPING SYSTEMS	3
	ILT 108/IST 120	3
ILT 214	CONTROL AND TROUBLESHOOTING FLOW, LEVEL, TEMPERATURE, PRESSURE AND LEVEL PROCESSES	3
Total Credits		47