

FLINT HILLS TECHNICAL COLLEGE

Associate of Applied Science, Industrial Engineering Technology

Total Credits: 68-69

Fall

Course #	Course Title	Credits
IET 113	Industrial Electricity	4
IET 114	Industrial Wiring	4
IET 115	Residential Wiring I	4
IET 243	Hydraulics and Pneumatics	4
HHS 268	FA/Heartsaver	2
	Total	18

Spring

Course #	Course Title	Credits
IET 120	Electrical Troubleshooting	4
IET 213	Motor Controls	4
IET 231	Mechatronics	4
IET 233	Industrial Mechanical Principles	4
PDV 101	Professional Development I	1
	Total	17

Fall

Course #	Course Title	Credits
IET 214	Programmable Controllers	4
IET 246	Engineering Energy Applications	4
	Choose one English Course	
EG 100	English for Technical Professions	3
EG 103	English Composition I*	3
	Choose one Communications Course	
SP 100	Public Speaking*	3
SP 200	Interpersonal Communications*	3
	Choose one Behavioral Science Course	
PY 100	Introduction to Psychology*	3
SO 100	Introduction to Sociology*	3
	Total	17

Spring

Course #	Course Title	Credits
IET 253	Intro to Industrial Motion and Robotics	4
IET 254	Troubleshooting	4
	Choose one Science Course	
CH125/126	Chemistry I and Chemistry I Lab*	3/2
BI 101/BI 101	General Biology and General Biology Lab*	3/1
PS 150/151	Physical Science and Physical Science Lab*	3/2
	Choose one Mathematics Course	
MA 108	Essentials Math*	3
MA 110	College Algebra*	3
	Total	15-16

*[Kansas Systemwide General Education](#)