

FLINT HILLS TECHNICAL COLLEGE

Associate of Applied Science, Power Plant Technology

Total Credits: 62-63

Fall

Course #	Course Title	Credits
PPT 102	Power Plant Equipment Fundamentals I	1
PPT 108	Power Plant Equipment Fundamentals II	2
PPT 112	Power Plant Safety & Work Performance	1
PPT 123	Basic Mechanics	1
PPT 124	Introduction to Scaffolding	1
PPT 134	Power Plant Math	2
PPT 135	Power Plant Physics	2
PPT 136	Fuel/Water Chemistry Control	2
PPT 138	OSHA – 10 Certification	1
	Choose one English Course	
EG 100	English for Technical Professions	3
EG 103	English Composition I*	3
	Total	16

Spring

Course #	Course Title	Credits
PPT 126	Basic Electricity	4
PPT 128	Basic Print Reading	2
PPT 131	Introduction to Power Plant Systems	2
PPT 132	Electrical Equipment	2
PPT 133	Basic Computers	1
PPT 230	Heat Transfer & Fluid Flow	2
PPT 251	Rigging and Lift Equipment	1
TCH243	Introduction to Wind & Alternative Energy Sources	2
PDV 204	Leadership and Teamwork	1
	Total	17

Summer

Course #	Course Title	Credits
PPT 107	Properties of Materials	1
PPT 226	Internship (or 4 hours of approved technology course)	4
PPT 240	Introduction to Atomic & Nuclear Physics	2
	Choose one Communication course	
SP 100	Public Speaking*	3
SP 200	Interpersonal Communications*	3
	Total	10

Fall

Course #	Course Title	Credits
PDV101	Professional Development I	1
PDV 203	Management Principles in Technology	3
PPT 109	Energy Industry Fundamentals	3
HHS 268	FA Heartsaver	2
	Choose one Mathematics Course	
MA 108	Essentials Math*	3
MA 110	College Algebra*	3

	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 Behavioral Science Course	
PY 100	Introduction to Psychology*	3
SO 100	Introduction to Sociology*	3
	Total	19-20

*[Kansas Systemwide General Education](#)