

# FLINT HILLS TECHNICAL COLLEGE

## Associate of Applied Science, Welding Technology

Total Credits: 64-65

### Fall

Course #	Course Title	Credits
TCH 101	Welding Safety/OSHA 10	1
WLD 106	Flux Cored Arc Welding	3
WLD 108	SMAW Basic Shielded Metal Arc Welding	3
WLD 111	Welding Discontinuity and Defects	1
WLD 112	Destructive Testing Methods	1
WLD 113	SMAW Pre-Pipe	4
WLD 115	Thermal Cutting Process	3
	<b>Total</b>	<b>16</b>

### Spring

Course #	Course Title	Credits
PDV 101	Professional Development I	1
WLD 102	Blueprint Reading for Fitters and Welders	3
WLD 103	GMAW Gas Metal Arc Welding	3
WLD 105	GTAW Gas Tungsten Arc Welding	3
WLD 110	Welding Procedures Qualification	1
WLD 114	GMAW – Advanced	4
	<b>Total</b>	<b>15</b>

### Fall

Course #	Course Title	Credits
WLD 202	Nondestructive Testing Methods	1
WLD 203	SMAW/GTAW Advanced ASME	4
WLD 204	SMAW Pipe Advanced API	4
	<b>Choose one English Course</b>	
EG 100	English for Technical Professions	3
EG 103	English Composition I*	3
	<b>Choose one Communications Course</b>	
SP 100	Public Speaking*	3
SP 200	Interpersonal Communications*	3
	<b>Choose one Behavioral Science Course</b>	
PY 100	Introduction to Psychology*	3
SO 100	Introduction to Sociology*	3
	<b>Total</b>	<b>18</b>

### Spring

Course #	Course Title	Credits
WLD 205	GMAW Advanced ASME/API	4
WLD 206	Automated Welding	4
	<b>Choose one Science Course</b>	
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
	<b>Choose one Mathematics Course</b>	
MA 108	Essentials Math*	3
MA 110	College Algebra*	3
	<b>Total</b>	<b>15-16</b>

\*[Kansas Systemwide General Education](#)