



Welding Technology

Curriculum Code A50420

Grade	Course Number	Course Title	Prerequisites/ Corequisites	Class	Lab/ Work Exp.	Credit
Year 1		First Semester: Fall				
	ACA 111	College Student Success ¹		1	0	1
	ISC 112	Industrial Safety ²		2	0	2
	WLD 115AB	SMAW (Stick) Plate		2	3	3
	WLD 121	GMAW (MIG) FCAW/Plate		2	6	4
	WLD 141	Symbols and Specifications		2	2	3
		Semester Totals		9	11	13
Year 1		Second Semester: Spring				
	ENG 111	Writing and Inquiry		3	0	3
	WLD 115BB	SMAW (Stick) Plate		0	6	2
	WLD 131AB	GTAW (TIG) Plate		1	3	2
	WLD 131BB	GTAW (TIG) Plate		1	3	2
	WLD 262	Inspection and Testing		2	2	3
	HUM/FINE ARTS	Humanities/Fine Arts (<i>Select One</i>) ³		3	0	3
		Semester Totals		10	14	15
Year 1		Third Semester: Summer				
	ENG 114	Prof. Research & Reporting ⁴	ENG 111	3	0	3
	WLD 110	Cutting Processes		1	3	2
	WLD 132	GTAW (TIG) Plate/Pipe ⁵	WLD 131	1	6	3
		Semester Totals		5	9	8
Year 2		Fourth Semester: Fall				
	DFT 151	CAD I ⁶		2	3	3
	PSY 118	Interpersonal Psychology ⁷		3	0	3
	WLD 116AB	SMAW (Stick) Plate/Pipe	WLD 115	1	4	2
	WLD 151	Fabrication I	WLD 110, 115, 116 or 131	2	6	4
	WLD 212	Inert Gas Welding ⁸		1	3	2
	CIS 111	Basic PC Literacy ⁹		0	2	1
		Semester Totals		9	18	15
Year 2		Fifth Semester: Spring				
	MAT 110	Math Measurement & Literacy ¹⁰		2	2	3
	MEC 111	Machine Processes I		1	4	3
	WLD 116BB	SMAW (Stick) Plate/Pipe	WLD 115	0	5	2
	WLD 251	Fabrication II	WLD 151	1	6	3
	WLD 265	Automated Welding/Cutting	WLD 110 & WLD 121	2	6	4
		Semester Totals		6	23	15
		Cumulative Totals				66

¹ACA 115, ACA 118, or ACA 122 may be substituted.

²WBL 112 Work-Based Learning I may be substituted.

³ART 111, ART 114, ART 115, DRA 111, ENG 131, ENG 231, ENG 232, ENG 241, ENG 242, HUM 115, HUM 120, HUM 121, HUM 122, HUM 150, HUM 160, MUS 110, MUS 112, MUS 210, PHI 215, PHI 240, REL 110, REL 211, REL 212

⁴ENG 112 or ENG 113 may be substituted.

⁵WBL 113 Work-Based Learning I may be substituted.

⁶MEC 231 may be substituted.

⁷PSY 150 may be substituted.

⁸WBL 122 Work-Based Learning II may be substituted.

⁹CIS 110 or CIS 113 may be substituted.

¹⁰MAT 121 or MAT 171 may be substituted.