Welding Technology – A50420:

Curriculum Sequence Checklist

2025-2026 Catalog Year - Present

Developmental Courses

Table 1:Overview of developmental courses needed for 100 level English and math courses.

ENG 025
MAT 035

1st Semester (Full Time Student)

Table 2: Overview of 1st semester (Fall) semester [15 credit hours]

✔	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	ACA 115 **Or** **ACA 122**	Success and Study Skills	1			
	ENG 110 **OR** **ENG 111**	Freshman Composition Or Writing and Inquiry	3 3	DRE 097 or ENG 025 DRE 098 or ENG 025		
	WLD 110	Cutting Processes	2			
	WLD 115	SMAW (Stick) Plate	5			
	WLD 121	GMAW (Mig) FCAW/ Plate	4			

2nd Semester (Full Time Student)

Table 3:Overview of 2nd semester (Spring) classes [15-16 credit hours]

✔	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	BPR 111	Print Reading	2	(None)		
	ISC 112	Industrial Safety	2			
	MAT 121 ***OR*** MAT 171	Algebra/Trigonometry I Precalculus Algebra	3 4	DMA 010 ,DMA 020, DMA 030,DMA 040,DMA 050 & DMA 060) (DMA 010,DMA 020, DMA 030,DMA 040,DMA 050 & DMA 060,DMA 070,DMA 080 ***or*** MAT 121)		
	WLD 116	SMAW (Stick) Plate/Pipe	4	(WLD 115)		

	WLD 131	GTAW (Tig) Plate	4	(None)		

--Check to see if you qualify for the Basic Welding Certificate

3rd Semester (Summer)

Table 4:Overview of 3rd semester (8 credit hours)

✔	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	DFT 119	Basic CAD	2	(None)		
	WLD 132	GTAW (Tig) Plate/Pipe	3	(WLD 131)		
	WLD 141	Symbols & Specifications	3	(None)		

--Check to see if you qualify for the General Welding Certificate
--Check to see if you qualify for the GTAW (TIG) Certificate
--Check to see if you qualify for the SMAW (Stick) Certificate

4th Semester (Full Time Student)

Table 5: Overview of 4th semester (Fall) courses [14 credit hours]

✔	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	Humanities /Fine Arts	Humanities /Fine Arts	3	(Course Dependent)		
	WLD 151	Fabrication I	4	**(DFT 119)**		
	WLD 215 **Or** WLD 265	SMAW (stick) Pipe Automated Welding/Cutting	4 4	(WLD 115 Or WLD 116) (WLD-110, WLD-121&DFT 119)		
	WLD 231	GTAW (TIG) Pipe	3	(WLD-132)		

5th Semester (Full Time Student)

Table 6: Overview of 5th semester (Spring) courses [14 credit hours].

✔	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	COM 110 ***Or*** COM 231	Intro to Communication Public Speaking	3 3	(RED 090) (RED 090)		
	Social/Behavioral Science	Core Elective	3	(Course Dependent)		
	WLD 122	GMAW (Mig) Plate/Pipe	3	(WLD 121)		
	WLD 251	Fabrication II	3	(WLD 151)		
	WLD 261	Certification Practices	2	(WLD 115,WLD 121, **&** WLD 131)		

--Check to see if you qualify for the Fabrication Certificate
--Check to see if you qualify for the Welding Technology Certificate

Total Credit Hours Needed for Graduation: 67-68

- Courses in **blue** earn a curriculum certificate
- Courses in **purple** earn a curriculum certificate; high school students may complete these to earn the credential early.

Questions? Contact:

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