



CERT

**Welding
2022-2023**

51 credits

Welding

Date of update: 07/18/2022

Program Coordinator/Advisor:

Ian Fisher

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Program Prerequisites: See requirements needed for first term classes.

Possible Term Plan	Course Number	Course Number/Title	Credits	Terms	Prerequisites/Notes
Term 1	WLD101	Welding Processes and Applications	4	F	None
	WLD111	Shielded Arc Metal Welding	4	F	Corequisite/Prerequisite: WLD101
	WLD131	Basic Metallurgy	3	F	Corequisite/Prerequisite: WLD101 or APR 140
	WR115	Introduction to Expository Writing	4	F, W, S, Su	None
	MFG108	Starrett: PMI	2	F, W, S	This class is often offered other terms.

Term 2	WLD140	Blueprint Reading and Sketching	3	W	None
	WLD112	Shielded Arc Metal Welding: Mild Steel I	3	W	Prerequisite: WLD101
	WLD113	Shielded Arc Metal Welding: Mild Steel II	3	W	Prerequisite: WLD101
	WLD114	Shielded Arc Metal Welding: Mild Steel III	3	W	Prerequisite: WLD101
	MTH052	Introduction to Algebra for the Trades	4	W	Prerequisite: MTH020*, placement by approved measure, or instructor permission

Term 3	WLD121	Gas Metal Arc Welding	3	S	Prerequisite: WLD101
	WLD122	Gas Metal Arc Welding - Pulse	3	S	Prerequisite: WLD101
	WLD141	Flux-Cored Arc Welding I (Gas Shielded)	3	S	Prerequisite: WLD101
	WLD142	Flux-Cored Arc Welding II (Self Shielded)	3	S	Prerequisite: WLD101
	WLD150	GTAW I - Gas Tungsten Arc Welding	3	S	Corequisite/Prerequisite: WLD101
	SP105	Listening	3	W, S, Su	None

* Must get C- or better

Advising Notes	Note: MFG 108 offered in Fall, Winter, & Spring because course is capped at 10 students due to equipment.