



AAS

Welding
2020-2021

97 Credits

Welding

Date of update: 9/4/19

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	None
	WR115	Introduction to Expository Writing	4	F, W, S, Su	None
	MFG108	Starrett: PMI	2	F	None
Term 2	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
	WLD140	Blueprint Reading and Sketching	3	W	None
	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
Term 4	WLD123	Advanced Welding III	3	F, W, S	Prerequisite: WLD142
	DRF112	Computer Aided Drafting	3	F	None
	WLD251	GTAW II- Gas Tungsten Arc Welding	3	F	Prerequisite: WLD150
	Choice	Program Option	3		
Term 5	WLD124	Advanced Welding IV	3	F, W, S	Prerequisite: WLD142
	WLD252	GTAW III- Gas Tungsten Arc Welding	3	W	Prerequisite: WLD251
	WLD222	Pipe Welding and Fitting I	3	W	Prerequisite: WLD142
	MFG111	Machine Shop Practices I	3	W	Prerequisite: MFG108 and MTH052 or MTH060
	Choice	Program Option	3		
	DRF113	Computer Aided Drafting II	3	W	Prerequisite: CIV112 or DRF112*

Term 6	WLD161	Welding Problems	4	F, W, S	Prerequisite: Satisfactory completion of first and second terms
	WLD223	Pipe Welding and Fitting II	3	S	Prerequisite: WLD222
	WLD240	Blueprint Reading II	3	S	Prerequisite: WLD140
	MFG112	Machine Shop Practices II	3	S	Prerequisite: MFG111
	Choice	Program Option	3		

** Must get C- or better*

Approved Electives	Course Number	Course Number/Title	Credits	Terms	Prerequisites/Notes

Advising Notes	

Required/ Recommended Equipment and Software	