

WELDING TECHNOLOGY

Program Check Sheet

Student Name: _____

ID #: _____

Semester Entered: _____

Catalog Number	Course Title	Cr Hrs	AAS DEGREE		DIPLOMA	
			General Occupational/ Technical Studies		Combination Welder	
			Electives Required 3099997017 / 480508000		Electives Required 4805084029	
			Required	Term	Required	Term
WLD 120	Shielded Metal Arc Welding	2.0	*		*	
WLD 121	SMAW-Fillet Lab	3.0	*		*	
^ WLD 123	SMAW Groove Welds/Backing	3.0	*		*	
WLD 140	Gas Metal Arc Welding	2.0	*		*	
WLD 141	GMAW-Fillet lab	3.0	*		*	
WLD 143	GMAW-Groove Lab	3.0	*		*	
^ WLD 100	Oxy-Fuel Systems	2.0	*		*	
^ WLD 101	Oxy-Fuel Systems Lab	2.0	*		*	
WLD 170	Blueprint Reading for Welding	2.0	*		*	
WLD 171	Blueprint Reading Welding Lab	3.0	*		*	
^ WLD 298	Welding Practicum	1 - 6			*	
WLD 130	Gas Tungsten Arc Welding	2.0	*		*	
WLD 131	Gas Tungsten Arc-Fillet Lab	3.0	*		*	
WLD 133	GTAW-Groove Lab	3.0	*		*	
WLD 220	Welding Certification	2.0	*		*	
WLD 221	Welding Certification Lab	3.0	*		*	
	Elective	2 - 3	*		*	
	Elective	+7	*		*	
ENG 101	Writing I	3.0	*		*	
	Science	3.0	*			
	Social Interaction	3.0	*			
	Heritage / Humanities	3.0	*			
	Computer Literacy	3.0	*		*	
	+ Mathematics ^ (See Note)	3.0	*		*	
	TOTAL CREDIT HOURS		60-68		47-57	

See your advisor to select the appropriate General Ed. courses for the AAS / GOTS Degree requirements

+ MAT 055 (Pre-Algebra) and MAT 065 (Basic Algebra with Measurements) is offered as a prerequisite to math MAT 110 & MAT 116.

+ MAT 055 and/or MAT 065 math requirement will be determined by the KCTCS placement examination.

COURSE SUBSTITUTIONS FOR DIPLOMA

^ WLD 225 may be substituted for WLD 123

^ WLD 299 may be substituted for WLD 298

^ WLD 110 / 111 may be substituted for WLD 100/101

^ Mathematics- -MAT 110, MAT 116, MAT 146 or MAT 150

^ ENG 101 can be substituted for TEC 200

ELECTIVE REQUIREMENTS

For Degree-- select a minimum of 9 credit hours from the Welding Technology Elective List.

For Diploma--select a minimum of 2 credit hours from the Welding Technology Elective List.

WELDING TECHNOLOGY ELECTIVE LIST

WLD 151	Basic Welding A	2.0
WLD 145	GMAW Aluminum Lab	1.0
WLD 147	Flux Core Arc Welding Lab	1.0
WLD 225	SMAW Open Groove Lab	3.0
WLD 227	SMAW Pipe Lab A	3.0
WLD 229	SMAW Pipe Lab B	3.0
WLD 235	GTAW Pipe Lab A	3.0
WLD 237	GTAW Pipe Lab B	3.0
WLD 245	GMAW Pipe Lab A	3.0
WLD 247	GMAW Pipe Lab B	3.0
WLD 253	Pipe Fitting and Template Dev. Lab	1.0

This list is not all inclusive; other courses may be approved at the discretion of the program coordinator

^ Indicates course substitutions

* Indicates required courses for the Diploma or Degree

*Curriculum in the KCTCS system is constantly being reviewed and updated to ensure quality and relevance.
This check sheet should be used only as a guide for meeting the course requirements for each credential.
See your advisor to confirm the requirements.*