

WELDING TECHNOLOGY
Program Check Sheet
Local 248 Pipeline Welder Certificate

Student Name: _____

ID #: _____

Semester Entered: _____

Catalog Number	Course Title	Cr Hrs	CERTIFICATE		AAS DEGREE	
			Pipeline Welder Certificate 4805083109		General Occupational/ Technical Studies 309997017 / 480508000	
			Required	Term	Required	Term
ENG 101	Writing I	3.0			*	
	Science	3.0			*	
	Social Interactions	3.0			*	
	Heritage/Humanities	3.0			*	
	Computer Literacy	3.0			*	
	+Mathematics ^ (See Note)	3.0	*		*	
WLD 120*	Shielded Metal Arc Welding	2.0	*		*	
>WLD 121	SMAW-Fillet Lab	3.0	*		*	
>WLD 225	SMAW-Open Groove Lab	3.0	*		*	
WLD 227*	SMAW-Pipe Lab A	3.0	*		*	
WLD 229	SMAW-Pipe Lab B (Elective)	3.0	*		*	
^WLD100*	Oxy-Fuel Systems	2.0	*		*	
^WLD101*	Oxy-Fuel Systems Lab	2.0	*		*	
WLD 170*	Blueprint Reading for Welding	2.0	*		*	
WLD 171*	Blueprint Reading Welding Lab	3.0	*		*	
WLD 140*	Gas Metal Arc Welding	2.0	*		*	
>WLD 143	GMAW-Fillet Groove Lab	3.0	*		*	
WLD 245*	GMAW-Pipe Lab A	3.0	*		*	
WLD 130*	Gas Tungsten Arc Welding	2.0	*		*	
>WLD 133	GTAW-Groove Lab	3.0	*		*	
WLD 235*	GTAW-Pipe Lab A	3.0	*		*	
WLD 237	GTAW-Pipe Lab B (Elective)	3.0	*		*	
WLD 220*	Welding Certification	2.0	*		*	
WLD 221*	Welding Certification Lab	3.0	*		*	
WLD 253	Pipe Fitting Lab (Elective)	1.0	*		*	
	TOTAL CREDIT HOURS		51		66	

HIGH SCHOOL DIPLOMA OR GED REQUIRED

#See your advisor to select the appropriate General Education classes for the AAS/GOTS Degree requirements.

MATH REQUIREMENTS

Certificate ----MAT055 (Pre-Algebra) or higher math
AAS Degree---MAT 110 Applied Math or MAT 116 Technical Math or higher

COURSE SUBSTITUTIONS

^WLD 110/111 may be substituted for WLD 100/101
+Math required for the Local 248 Pipeline Welder Certificate

PREREQUISITES/COREQUISITES

>WLD 121 – Prerequisite to WLD 225
>WLD 225 – Prerequisite to WLD 227
>WLD 225 – Prerequisite to WLD 229
>WLD 143 – Corequisite to WLD 245
>WLD 133 – Prerequisite to WLD 235
>WLD 133 – Prerequisite to WLD 237

WLD 121, WLD 225, WLD 143 and WLD 133 are required to meet prerequisite or corequisite requirements for students who do not have previous welding credit in these classes.

ELECTIVES

7Cr. Hrs. of electives are required

WLD 229	SMAW Pipe Lab B	3 credit hours
WLD 237	GTAW Pipe Lab B	3 credit hours
WLD 253	Pipe Fitting Lab	1 credit hour

>Indicates the course is a Prerequisite or Corequisite

* Indicates course requirements for the Certificate or Degree

^ Indicates a possible course substitution

*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.*