

Welding Technology

Student Name _____

Enrollment Date _____ Academic Year _____

Emplid _____ Scores: Math _____

Reading _____

Writing _____

CERTIFICATE – TACK WELDER: 10 Total Credit Hours

Required Scores: None	Cr Hr	Grade
WLD 120 Shielded Metal Arc Welding <i>Coreq: WLD 121 or Consent of Instructor</i>	2	
AND		
WLD 121 Shielded Metal Arc Welding Fillet Lab <i>Coreq: WLD 120 or Consent of Instructor</i>	3	
OR		
WLD 130 Gas Tungsten Arc Welding <i>Coreq: WLD 131 or Consent of Instructor</i>	(2)	
AND		
WLD 131 Gas Tungsten Arc Welding Fillet Lab <i>Coreq: WLD 130 or Consent of Instructor</i>	(3)	
OR		
WLD 140 Gas Metal Arc Welding <i>No Prerequisite</i>	(2)	
AND		
WLD 141 Gas Metal Arc Welding Fillet Lab <i>Coreq: WLD 140 or Consent of Instructor</i> <i>(or WLD 151 or WLD 152)</i>	(3)	
WLD 170 Blueprint Reading for Welding <i>Coreq: WLD 171 or Consent of Instructor</i>	2	
WLD 171 Blueprint Reading for Welding Lab <i>Coreq: WLD 170 or Consent of Instructor</i>	3	

CERTIFICATE – PRODUCTION LINE WELDER: 20 Total Credit Hours

Required Scores: Pre-Algebra–25 / Reading–64 / Writing–36	Cr Hr	Grade
GEN 100 Introduction to College <i>No prerequisite</i>	1	
WLD 100 Oxy-Fuel Systems (or WLD 110) <i>Coreq: WLD 101 or Consent of Instructor</i>	2	
WLD 101 Oxy-Fuel Systems Lab (or WLD 111) <i>Coreq: WLD 100 or Consent of Instructor</i>	2	
WLD 120 Shielded Metal Arc Welding <i>Coreq: WLD 121 or Consent of Instructor</i>	2	
WLD 121 Shielded Metal Arc Welding Fillet Lab <i>Coreq: WLD 120 or Consent of Instructor</i>	3	
WLD 130 Gas Tungsten Arc Welding <i>Coreq: WLD 131 or Consent of Instructor</i>	2	
WLD 131 Gas Tungsten Arc Welding Fillet Lab <i>Coreq: WLD 130 or Consent of Instructor</i>	3	
WLD 140 Gas Metal Arc Welding <i>No Prerequisite</i>	2	
WLD 141 Gas Metal Arc Welding Fillet Lab <i>Coreq: WLD 140 or Consent of Instructor</i>	3	

CERTIFICATE – ARC WELDER: 25 Total Credit Hours

Required Scores: Pre-Algebra–25 / Reading–64 / Writing–36	Cr Hr	Grade
GEN 100 Introduction to College <i>No prerequisite</i>	1	
WLD 100 Oxy-Fuel Systems (or WLD 110) <i>Coreq: WLD 101 or Consent of Instructor</i>	2	
WLD 101 Oxy-Fuel Systems Lab (or WLD 111) <i>Coreq: WLD 100 or Consent of Instructor</i>	2	
WLD 120 Shielded Metal Arc Welding <i>Coreq: WLD 121 or Consent of Instructor</i>	2	
WLD 121 Shielded Metal Arc Welding Fillet Lab <i>Coreq: WLD 120 or Consent of Instructor</i>	3	
OR		
WLD 123 Shielded Metal Arc Welding Groove with Backing Lab <i>Prereq: (WLD 120 and WLD 121) or Consent of Instructor</i>	(3)	
OR		
WLD 225 Shielded Metal Arc Welding Open Groove Lab <i>Prereq: (WLD 120 and WLD 121) or Consent of Instructor</i>	(3)	
WLD 130 Gas Tungsten Arc Welding <i>Coreq: WLD 131 or Consent of Instructor</i>	2	
WLD 131 Gas Tungsten Arc Welding Fillet Lab <i>Coreq: WLD 130 or Consent of Instructor</i>	3	
OR		
WLD 133 Gas Tungsten Arc Welding Groove Lab <i>Prereq: WLD 130 or Consent of Instructor</i>	(3)	
WLD 140 Gas Metal Arc Welding <i>No Prerequisite</i>	2	
WLD 141 Gas Metal Arc Welding Fillet Lab <i>Coreq: WLD 140 or Consent of Instructor</i>	3	
OR		
WLD 143 Gas Metal Arc Welding Groove Lab <i>Prereq: WLD 140 or Consent of Instructor</i>	(3)	
WLD 170 Blueprint Reading for Welding <i>Coreq: WLD 171 or Consent of Instructor</i>	2	
WLD 171 Blueprint Reading for Welding Lab <i>Coreq: WLD 170 or Consent of Instructor</i>	3	

Developmental Courses: Once students complete and pass a developmental course with a grade of 'C' or higher, they have the option of retesting or moving into the next level of developmental. Once students have completed and passed ALL levels of developmental, they can be placed into General Education courses, including College Algebra, and are not required to retest.

Developmental Math	Cr Hr
MAT 55 – Pre-Algebra <i>Compass score 24-41 in Pre-Algebra</i>	3
MAT 65 – Basic Algebra <i>Compass score 16-30 in Algebra</i>	3
MAT 120 – Intermediate Algebra <i>Compass score 31-35 in Algebra</i>	3
MAT 100 – College Algebra Workshop <i>Compass score 36-49 in Algebra / ACT 19-21 - enroll concurrent in College Algebra (MAT 150)</i>	2
Developmental Writing	
ENC 90 – Foundations of College Writing I <i>Compass score 26-38</i>	3
ENC 91 – Foundations of College Writing II <i>Compass score 39-73</i>	3
Developmental Reading	
RDG 20 – Improved College Reading <i>Compass score 49-69</i>	3
RDG 30 – Reading for the College Classroom <i>Compass score 70-82</i>	3
RDG 41 – Reading Laboratory <i>Compass score 83-84</i>	1

DIPLOMA – COMBINATION WELDER: 48-57 Total Credit Hours

Required Scores: Algebra–25/Reading–85/Writing–36 or 74		Cr Hr	Grade
General Education:			
Computer Literacy course or competency demonstrated by exam <i>Rec. CIS 100</i>		0-3	
ENG 101 Writing I (or TEC 200 – may not be used for degree) <i>Prereq: Appropriate writing placement score or ENC 91</i>		3	
MAT 110 Applied Mathematics (or higher level mathematics (excluding MAT 120)) <i>Prereq: MAT 65 or equivalent as determined by KCTCS placement examination</i>		3	
Technical Core:			
GEN 100 Introduction to College <i>No prerequisite</i>		1	
WLD 100 Oxy-Fuel Systems (or WLD 110) <i>Coreq: WLD 101 or Consent of Instructor</i>		2	
WLD 101 Oxy-Fuel Systems Lab (or WLD 111) <i>Coreq: WLD 100 or Consent of Instructor</i>		2	
WLD 120 Shielded Metal Arc Welding <i>Coreq: WLD 121 or Consent of Instructor</i>		2	
WLD 121 Shielded Metal Arc Welding Fillet Lab <i>Coreq: WLD 120 or Consent of Instructor</i>		3	
WLD 123 Shielded Metal Arc Welding Groove with Backing Lab <i>Prereq: (WLD 120 and WLD 121) or Consent of Instructor</i> OR		3	
WLD 225 Shielded Metal Arc Welding Open Groove Lab <i>Prereq: (WLD 120 and WLD 121) or Consent of Instructor</i>		(3)	
WLD 130 Gas Tungsten Arc Welding <i>Coreq: WLD 131 or Consent of Instructor</i>		2	
WLD 131 Gas Tungsten Arc Welding Fillet Lab <i>Coreq: WLD 130 or Consent of Instructor</i>		3	
WLD 133 Gas Tungsten Arc Welding Groove Lab <i>Prereq: WLD 130 or Consent of Instructor</i>		3	
WLD 140 Gas Metal Arc Welding <i>No Prerequisite</i>		2	
WLD 141 Gas Metal Arc Welding Fillet Lab <i>Coreq: WLD 140 or Consent of Instructor</i>		3	
WLD 143 Gas Metal Arc Welding Groove Lab <i>Prereq: WLD 140 or Consent of Instructor</i>		3	
WLD 170 Blueprint Reading for Welding <i>Coreq: WLD 171 or Consent of Instructor</i>		2	
WLD 171 Blueprint Reading for Welding Lab <i>Coreq: WLD 170 or Consent of Instructor</i>		3	
WLD 220 Welding Certification <i>Coreq: WLD 221 or Consent of Instructor</i>		2	
WLD 221 Welding Certification Lab <i>Coreq: WLD 220 or Consent of Instructor</i>		3	
WLD 299 Cooperative Education Program (or WLD 298) <i>Prereq: Consent of Instructor</i>		1-6	
Technical Elective <i>Rec. ACR or PLB course</i>		2-3	

I have reviewed this advising sheet with my advisor and understand course requirements and preferred sequence of courses necessary to complete a credential. Also, I do understand that there may be course changes with future curriculum revisions that may affect a change in course requirements listed on this sheet.

Student: _____

Advisor: _____

Date: _____

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Student: _____

Advisor: _____

Date: _____

Student: _____

Advisor: _____

Date: _____

GENERAL OCCUPATIONAL / TECHNICAL STUDIES AAS DEGREE: (COMBINATION WELDER DIPLOMA (48-57 Hours) PLUS 9 additional credit hours in General Education): 57-66 Total Credit Hours

Required Scores: Algebra – 25 / Reading – 85 / Writing – 74	Cr Hr	Grade	Course
Heritage / Humanities / Foreign Languages <i>Prereq: See Compass / ACT score requirement</i>	3		
Science <i>Prereq: See Compass / ACT score requirement</i>	3		
Social Interaction <i>Prereq: See Compass / ACT score requirement</i>	3		