

2016-2017

Welding Technology Advanced

Certificate of Employability

Dusty Baker

Faculty Advisor/Program Director

Student Name

Academic Advisor

575.624.7318

Telephone Number

Student ID Number

Date

Advisor's Notes/Recommendations:

- In order to improve student success probability and reduce unnecessary attrition, all students must take the University Skills Placement Test prior to entering the program and complete any remedial work necessary.

		Grade	Sem.		Grade	Sem.		Grade	Sem.
Writeplacer	ENG 093			ENG 096			ENG 098L		
Math	--	--	--	MATH 094/095			MATH 097/098		

Note * Prerequisite/s required: See list below

Program Course Requirements			Credit Hours	Grade	Semester
CTE	210	Employability Skills	3 hrs.		
WELD	110	Introduction to Welding	4 hrs.		
WELD	115	Print Reading	3 hrs.		
WELD	125	Gas Metal Arc/Flux Core	6 hrs.		
WELD	131	Beginning Arc I	4 hrs.		
WELD	132	Beginning Arc II	4 hrs.		
WELD	135	Gas Tungsten Arc	6 hrs.		
*MATH	105	Technical Math	3 hrs.		
*WELD	118	Basic Metallurgy and Weld Testing Applications	3 hrs.		
*WELD	210	Intermediate Arc/Cutting	6 hrs.		
*WELD	221	Advanced Arc/Pipe I	4 hrs.		
*WELD	222	Advanced Arc/Pipe II	4 hrs.		
*WELD	232	Pipefitting for Welders	4 hrs.		
OR					
*IET	220	Machine Tool Technology with lab	4 hrs.		
			54 hrs.		

TOTAL HOURS REQUIRED FOR CERTIFICATE 54 hrs.

***Prerequisites:**

MATH	105	Technical Math
		Prerequisite: Satisfactory ACT scores or Math 097/098
WELD	118	Basic Metallurgy and Weld Testing Applications
		Prerequisite: WELD 110, WELD 115, and MATH 105
WELD	210	Intermediate Arc/Cutting
		Prerequisite: WELD 110, WELD 125, WELD 131, WELD 132, and WELD 135
WELD	221	Advanced Arc/Pipe I
		Prerequisite: WELD 210
WELD	222	Advanced Arc/Pipe II
		Prerequisite: WELD 221

WELD	232	Pipefitting for Welders <i>Prerequisite: WELD 221, WELD 222 <u>or</u> consent of instructor</i>
IET	220	Machine Tool Technology with Lab <i>Prerequisite: IET 110 <u>or</u> WELD 110 <u>or</u> WELD 115</i>