Navajo Technical University

Name: _____ ID#:_____

Certificate – Welding Technology Requirements 37 Credits

The Welding Technology Program prepares students for work in the field Welding Technology. In addition to gaining an overall understanding of welding machines, weld processes, and hands-on welding proficiency, students develop skills in the areas of blueprint reading, welding symbols, weld inspection, destructive and non-destructive testing, metallurgy, computer-aided drafting along with precisions machine tool operations. Students gain knowledge and skills necessary to prepare them for weld qualification to code specifications.

The Certificate in Welding Technology stresses the practical applications of welding on plate pipe in all positions and the necessary theory to support those skill levels. Welding skills are developed with supported courses. A student must earn a grade of C or higher in all courses required for the program in order to receive a certificate.

GENERAL EDUCATION REQUIREMENTS		**Credits**	**Prerequisites**	**Semester/Transfer**	**Grade**
BCIS 1115	Introduction to Computers	3			
ENGL 1210	Technical Communications	3	ENGL098 or satisfactory placement scores		
WLD 101	Welding Fundamentals	3			
WLD 105	Pipe Welding I	3			
SSC100	College Success	1			
Semester ONE		**Credits**			
MTH 113	Technical Mathematics or higher	3	SEE CATALOG		
WLD 115	Structural Welding I	3			
NAVA XXX	Dine Studies Course	3			
ENGR 143	Characteristics of Engineering Materials	3	WLD 101		
Semester TWO					
WLD 125	Structural Welding II	3	WLD 115		
WLD 130	Welding Fundamentals II	3	WLD 101		
WLD 150	Pipe Welding II	3	WLD 105		
WLD 156	Welding Qualifications	3	WLD 101, 115, 105		
TOTAL REQUIRED CREDIT HOURS		**37**			

*** Please check course descriptions for the appropriate prerequisite course(s).*

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 5/7/2021