

Navajo Technical University

Name: _____

ID#: _____

Certificate – Welding Technology Requirements 32 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	Prerequisite	Semester/Transfer	Grade
ENG 105	Applied Technical Writing	3	ENG098		
MTH 113	Technical Mathematics II	3	MTH098		
NAVXXX	Navajo Studies Course	3			
CMP101	Introduction to Computers	3			
WELDING CORE COURSES					
Semester ONE		Credits			
WLD101	Welding Fundamentals	3			
WLD105	Pipe Welding I	3			
WLD115	Structural Welding I	3			
Semester TWO					
ENGR143	Characteristics of Engineering Materials	3	WLD101		
WLD125	Structural Welding II	3			
WLD130	Welding Fundamentals II	3			
WLD150	Pipe Welding II	3			
TOTAL REQUIRED CREDIT HOURS		32			

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

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		