



Career Plan of Study

Welder/Fitter

Year _____

Learner Name _____

Date _____

Learner Signature _____

Advisor Signature _____

Recommended Course Sequence	Grade	Start Date	Date Complete	Hours		Grade	Start Date	Date Complete	Hours
Introduction to Welding & Cutting Processes TI01619				90	Metal Preparation & Heat Treatments TI00756				30
GMAW/FCAW Equipment & Setup TI00761				15	GMAW Pipe TI00095				60
Metal Characteristics & Properties TI00381				30	GTAW Low Alloy & Stainless Steel Pipe TI00084				90
FCAW Plate/Pipe TI01620				60	Workforce Staging TI00802				30
Air Carbon Arc Cutting & Gouging TI00753				15					
Plasma Arc Cutting TI00087				15					
Welding Blueprints TI00760				15					
Welding Joint Fit Up & Adjustment TI00086				15					
GTAW Equipment & Filler Materials TI00083				15					
GTAW Plate TI00387				60					
SMAW Electrodes TI00089				15					
SMAW Equipment & Setup TI00090				15					
SMAW Beads & Fillet Welds TI00401				120					
Welding Detail Drawings II TI01373				45					
GTAW Aluminum Plate TI01435				45					
GTAW Carbon Steel Pipe TI00082				90					
Mitering, Saddling & Branching Pipe TI01351				75					
SMAW Open Root Pipe Welds TI00092				105					
									Total Hours 1050

Post-Secondary						
Career Enhancement	Work-Based Learning Options			Certifications		
				BrainBench Certifications		
	<small>(A = Active, NA = Not Active)</small>					
	Years _____					
	___ Member	___ Committee Member				
	___ Officer	___ Committee Chair				
	___ State Competitions	___ National Competitions				
	Other:					
OJT Site	Date _____		Oklahoma Department of Career Tech Recommended Certifications			
Location _____						
Special Notes:						
<small>**High Plains Technology Center does not condone discrimination with regard to race, color, national origin, religion, gender, age, disability or veteran status in enrollment or employment, nor in the educational programs or activities which it operates.</small>						
*To earn a Completion Certificate, student must maintain an 80% in each course and pass required certification exams.						
7/11/16						