Student Name _____ ID Number _____

TECHNICAL CERTIFICATE
ADVANCED TECHNICAL CERTIFICATE
WELDING TECHNOLOGY
2009 - 2010

ATC ☐
CERT ☐

TECHNICAL CERTIFICATE
WELDING TECHNOLOGY

PROGRAM REQUIREMENTS		REQ	COMP	NEED
MTHPT 137		4		
MATH 137				
WLDTC 160/260				
TECHNICAL CORE				
WLDTC 150	Welding Power Sources	2		
WLDTC 155	Basic Welding Processes	7		
WLDTC 165	Adv.Welding Processes	7		
WLDTC 251	Blueprint Reading	2		
WLDTC 261	Benchwork for Welders	2		
WLDTC 262	Distortion Control	2		
WLDTC 270	Directed Welding Proj.	1		
	TOTAL	27		
SUMMARY				
PROGRAM REQUIREMENTS		4		
TECHNICAL CORE		23		
	TOTAL	27		

ELECTIVES*		REQ	COMP	NEED
WLDTC190	Directed Study	v		
WLDTC153	Basic Acetylene Welding	4		
WLDTC156	Basic SMAW Lab	v		
WLDTC157	Basic GMAW Lab	v		
WLDTC158	Adv.SMAW Lab	v		
WLDTC159	Basic GTAW Lab	v		
WLDTC256	SMAW Uphill Pipe Lab	v		
WLDTC257	Basic SMAW Downhill P	v		
WLDTC258	Basic Aluminum Welding	v		
WLDTC263	Pipe Welding:GMAW Lab	4		
WLDTC266	Project Welding DrawLab	4		
WLDTC290	Directed Study	v		
WLDTC292	Directed Special Project	v		
WLDTC296	Co-op	v		
	TOTAL			

ADVANCED TECHNICAL CERTIFICATE
WELDING TECHNOLOGY

PROGRAM REQUIREMENTS		REQ	COMP	NEED
MTHPT 137		4		
MATH 137				
WLDTC 160/260				
TECHNICAL CORE				
WLDTC 150	Welding Power Sources	2		
WLDTC 151	Welding Codes/Cert	2		
WLDTC 152	QC/Welding Inspection	2		
WLDTC 155	Basic Welding Processes	7		
WLDTC 161	Welding Process/Appl.	2		
WLDTC 162	Metallurgy	2		
WLDTC 165	Adv Welding Processes	7		
WLDTC 250	Drafting & Pipefitting	2		
WLDTC 251	Blueprint Reading	2		
WLDTC 252	Heat Treatment	2		
WLDTC 254	Pipe Welding:SMAW	7		
WLDTC 261	Benchwork for Welders	2		
WLDTC 262	Distortion Control	2		
WLDTC 264	Pipe Welding:GTAW	7		
WLDTC 270	Directed Welding Project	1		
PLUS 12 CREDITS CHOSEN FROM WELDING ELECTIVES*				
WLDTC		12		
WLDTC				
WLDTC				
WLDTC				
WLDTC				
WLDTC				
	TOTAL	65		

SUMMARY				
PROGRAM REQUIREMENTS		4		
TECHNICAL CORE		49		
ELECTIVES		12		
	TOTAL	65		

NOTES, SUBSTITUTIONS. WAIVERS

Division Chair _____ Date _____

Advisor _____ Date _____