

Northshore Technical Community College

STUDENT DEGREE AUDIT CHECKLIST

STUDENT NAME: _____ SEMESTER ENTERED PROGRAM: _____

STUDENT LoLA ID: _____ STUDENT PROGRAM: **Welding**

ANTICIPATED GRADUATION DATE: _____ STUDENT SIGNATURE _____

ACT/ASSET/COMPASS SCORES: MATH _____ ENGLISH _____

Course	Title	Credit	Semester	Grade
Developmental Courses				
ENGL 0098	Developmental English I	3		
MATH 0098	Developmental Math I	3		
Welding Courses				
WELD 1110	Occupational Orientation & Safety	3		
WELD 1120	Basic Blueprint, Metallurgy, & Weld Symbols	3		
WELD 1130	Welding Inspection, & Testing	2		
WELD 1210	Oxyfuel Systems	2		
WELD 1310	Cutting Processes CAC/PAC	2		
WELD 1410	SMAW Basic Beads	2		
WELD 1411	SMAW Fillet Weld	3		
WELD 1412	SMAW V-Groove Bu/Gouge	3		
WELD 1420	SMAW V-Groove Open	4		
WELD 2110	FCAW Basic Fillet Welds	3		
WELD 2210	GTAW Basic Multi-Joint	3		
WELD 2310	GMAW Basic Fillet Weld	3		
Program Core Total		33		
In order to complete a Technical Diploma or Associate of Applied Science, one of the following 12 credit hours of elective courses must be selected:				
WELD 1510	SMAW Pipe 2G	4		
WELD 1511	SMAW Pipe 5G	4		
WELD 1512	SMAW Pipe 6G	4		
SMAW Process Core		12		
WELD 2112	FCAW Pipe 5G	4		
WELD 2113	FCAW Pipe 2G	4		
WELD 2114	FCAW Pipe 6G	4		
FCAW Process Core		12		
WELD 2220	GTAW Pipe 5G	4		
WELD 2221	GTAW Pipe 2G	4		
WELD 2222	GTAW Pipe 6G	4		
GTAW Process Core		12		
WELD 2320	GMAW Pipe 2G	4		
WELD 2321	GMAW Pipe 5G	4		
WELD 2322	GMAW Pipe 6G	4		
GMAW Process Core		12		
TD Welding (CIP 48.0508)		45		

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General Education Core				
ENGL 1015	English Composition I	3		
Math Elective:		3		
Natural Science Elective:		3		
Behavioral Science Elective:		3		
Humanities Elective:		3		
AAS Technical Studies (CIP 47.9999)		60		
With approval from the Dean of Technical Studies, the following courses may be substituted for any of the above course requirements:				
WELD 2991	Special Projects I	1		
WELD 2993	Special Projects II	2		
WELD 2995	Special Projects III	3		
WELD 2996	Special Projects IV	3		
WELD 2997	Practicum	3		
WELD 2999	Cooperative Education	3		
Additional Exit Points:				
TCA Welder Helper (CIP 480508)		5		
Complete WELD 1110 Occupational Orientation & Safety				
Complete WELD 1130 Welding, Inspection, & Testing				
TCA Thermal Cutter (CIP 480508)				
TCA Thermal Cutter (CIP 480508)		5		
Complete WELD 1110 Occupational Orientation & Safety				
Complete WELD 1210 Oxyfuels Systems				
TCA Arc Cutter (CIP 480508)				
TCA Arc Cutter (CIP 480508)		7		
Complete WELD 1110 Occupational Orientation & Safety				
Complete WELD 1140 Electrical Fundamentals				
Complete WELD 1310 Cutting Processes – CAC/PAC				
(continued on next page)				

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ACT/ASSET/COMPASS SCORES: MATH _____ ENGLISH _____

TCA Tack Welder/Fitter Helper (CIP 480508)	10		
Complete WELD 1110 Occupational Orientation & Safety			
Complete WELD 1120 Basic Blueprint, Metallurgy & Weld Symbols			
Complete WELD 1210 Oxyfuels System			
Complete WELD 1410 SMAW – Basic Beads			
CTS Arc Welder GTAW (CIP 480508)	22		
Complete WELD 1110 Occupational Orientation & Safety			
Complete WELD 1210 Oxyfuels Systems			
Complete WELD 1310 Cutting Processes – CAC/PAC			
Complete WELD 2210 GTAW – Basic Multi-joint			
Complete Welding Electives: GTAW courses only (12 credit hours)			
CTS Arc Welder GMAW (CIP 480508)	22		
Complete WELD 1110 Occupational Orientation & Safety			
Complete WELD 1210 Oxyfuels Systems			
Complete WELD 1310 Cutting Processes – CAC/PAC			
Complete WELD 2310 GMAW – Basic Fillet Weld			
Complete Welding Electives: GMAW courses only (12 credit hours)			
CTS Arc Welder FCAW (CIP 480508)	22		
Complete WELD 1110 Occupational Orientation & Safety			
Complete WELD 1210 Oxyfuels Systems			
Complete WELD 1310 Cutting Processes – CAC/PAC			
Complete WELD 2110 FCAW – Basic Fillet Welds			
Complete Welding Electives: FCAW courses only (12 credit hours)			
CTS Arc Welder SMAW (CIP 480508)	25		
Complete WELD 1110 Occupational Orientation & Safety			
Complete WELD 1210 Oxyfuels Systems			
Complete WELD 1410 SMAW – Basic Beads			
Complete WELD 1310 Cutting Processes – CAC/PAC			
Complete WELD 1420 SMAW – V – Groove Open			
Complete Welding Electives: SMAW courses only (12 credit hours)			

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Credential Awarded	Date	Faculty Signature	Student Affairs
TCA Welder Helper (CIP 48.0508)			
TCA Thermal Cutter (CIP 48.0508)			
TCA Arc Cutter (CIP 48.0508)			
TCA Tack Welder/Fitter Helper (CIP 48.0508)			
CTS Arc Welder GTAW (CIP 48.0508)			
CTS Arc Welder GMAW (CIP 48.0508)			
CTS Arc Welder FCAW (CIP 48.0508)			
CTS Arc Welder SMAW (CIP 48.0508)			
TD Welding (CIP 48.0508)			
AAS Technical Studies (CIP 47.9999)			