

Welding (Fall 2011)

Updated 6/23/2011

Suggested Program Checklist

Student Name _____

Students must complete all preparatory classes to earn a Degree, Diploma, and/or Certificate. (Co or Prerequisite(s) in parentheses)


Writing Score _____	Numerical Score _____	Elementary Algebra Score _____	Reading Score _____	Computer Score _____
___ Basic Skills (0-29) [20-40] ___ ENG 080 (30-34) [41-65] ___ ENG 090/090A (35-40) [66-85] ___ ENG 111(≥ 41) [≥ 86]	___ Basic Skills (0-29) [20-29] ___ MAT 060 (30-37) [30-54] ___ MAT 060 NOT Needed (≥41) [≥ 55]	___ MAT 070 (23-40) [< 55] ___ MAT 140(≥ 41) [≥ 55]	___ Basic Skills (0-29) [20-38] ___ RED 080 (30-34) [39-56] ___ RED 090 (35-40) [57-79] No reading required(≥41) [≥ 80]	___ CTS 080 (0-59) ___ 60 or higher CIS 110 or CIS 111 ___ Web courses (≥70) ___ ≥ 85 may challenge CIS 111
Scores in () are Asset Scores Scores in [] are Accuplacer Scores Computer Score Based on SAMS Challenge				

Certificate: Basic Fundamentals		C50420B
Complete	Courses	Credit
WLD 110	Cutting Processes (ENG 085 and CTS 080)	2
WLD 115	SMAW (Stick) Plate (ENG 085 and CTS 080)	5
WLD 131	GTAW (TIG) Plate (ENG 085 and CTS 080)	4
WLD 141	Symbols & Specifications (ENG 085 and CTS 080)	3
MAT 101	Applied Mathematics I (MAT 060)	3
TOTAL CREDIT HOURS		17

Certificate: Intermediate Fundamentals		C50420F
Complete	Course	Credit
WLD 116	SMAW (Stick) Plate/Pipe (WLD 115)	4
WLD 132	GTAW (TIG) Plate/Pipe (WLD 131)	3
WLD 121	GMAW (MIG) FCAW/Plate (ENG 085 and CTS 080)	4
WLD 143	Welding Metallurgy (ENG 085 and CTS 080)	2
TOTAL CREDIT HOURS		13

Certificate: Advanced Fundamentals		C50420A
Complete	Course	Credit
WLD 122	GMAW (MIG) Plate/Pipe (WLD 121)	3
WLD 151	Fabrication I (WLD 110, 115, 121, & 131)	4
WLD 261	Certification Practices (WLD 110, 115, 121, & 131)	2
ENG 102	Applied Communications II (ENG 085 and CTS 080)	3
TOTAL CREDIT HOURS		12

Diploma		D50420
Complete	Courses	Credit
1st Fall – Basic Fundamentals Certificate		
WLD 110	Cutting Processes (ENG 085 and CTS 080)	2
WLD 115	SMAW (Stick) Plate (ENG 085 and CTS 080)	5
WLD 131	GTAW (TIG) Plate (ENG 085 and CTS 080)	4
WLD 141	Symbols & Specifications (ENG 085 and CTS 080)	3
MAT 101	Applied Mathematics I (MAT 060)	3
1st Spring – Intermediate Fundamentals Certificate		
WLD 116	SMAW (Stick) Plate/Pipe (WLD 115)	4
WLD 132	GTAW (TIG) Plate/Pipe (WLD 131)	3
WLD 121	GMAW (MIG) FCAW/Plate (ENG 085 and CTS 080)	4
WLD 143	Welding Metallurgy (ENG 085 and CTS 080)	2
1st Summer – Advanced Fundamentals Certificate		
WLD 122	GMAW (MIG) Plate/Pipe (WLD 121)	3
WLD 151	Fabrication I (WLD 110, 115, 121, & 131)	4
WLD 261	Certification Practices (WLD 110, 115, 121, & 131)	2
ENG 102	Applied Communications II (ENG 085 and CTS 080)	3
TOTAL CREDIT HOURS		42

over 

Certificate: Stick Welding		C504020S	
Complete	Course	Credit	
	WLD 110	Cutting Processes (ENG 085 and CTS 080)	2
	WLD 115	SMAW (Stick) Plate (ENG 085 and CTS 080)	5
	WLD 116	SMAW (Stick) Plate/Pipe (WLD 115)	4
	WLD 215	SMAW (Stick) Pipe (WLD 116)	4
	WLD 141	Symbols & Specifications (ENG 085 and CTS 080)	3
TOTAL CREDIT HOURS			18

Certificate: MIG Welding		C504020M	
Complete	Course	Credit	
	WLD 110	Cutting Processes (ENG 085 and CTS 080)	2
	WLD 121	GMAW (MIG) FCAW/Plate (ENG 085 and CTS 080)	4
	WLD 122	GMAW (MIG) Plate/Pipe (WLD 121)	3
	WLD 221	GMAW (MIG) Pipe (WLD 122)	3
	WLD 141	Symbols & Specifications (ENG 085 and CTS 080)	3
TOTAL CREDIT HOURS			15

Certificate: TIG Welding		C504020T	
Complete	Course	Credit	
	WLD 110	Cutting Processes (ENG 085 and CTS 080)	2
	WLD 131	GTAW (TIG) Plate (ENG 085 and CTS 080)	4
	WLD 132	GTAW (TIG) Plate/Pipe (WLD 131)	3
	WLD 231	GTAW (TIG) Pipe (WLD 132)	3
	WLD 141	Symbols & Specifications (ENG 085 and CTS 080)	3
TOTAL CREDIT HOURS			15