

• **Associate of Applied Science (AAS) 94-101 Credits**

FIRST QUARTER

COURSE	TITLE	CR
WELD101	Safety	2
WELD104	Oxyacetylene Cutting/ Brazing	3
WELD105	Intro shield Mtl Arc Weld	5
WELD117	Welding Symbols	5
GENED	MATH/ENGL/Hum Soc Sci Other	5

TOTAL CREDITS 20

SECOND QUARTER

COURSE	TITLE	CR
WELD108	FP WLD-Flat/Horizontal	5
WELD109	FP Wld-vertical/overhead	5
WELD110	FP WLD Open Root	5
GENED	MATH/ENGL/Hum Soc Sci Other	5

TOTAL CREDITS 20

THIRD QUARTER

COURSE	TITLE	CR
	<i>Choose Wire Cert.</i>	
WELD111	Intro GMAW STL	3
WELD112	FP GMAW STL	4
WELD113	GMAW-Aluminum	5
GENED	MATH/ENGL/Hum Soc Sci Other	5

TOTAL CREDITS 17

FOURTH QUARTER

COURSE	TITLE	CR
WELD114	Intro. Flux core Arc welding	4
WELD115	FCAW Full Penetration	5
WELD207	WELDER FCAW	5

TOTAL CREDITS 14

FIFTH QUARTER

COURSE	TITLE	CR
WELD201	Intro to GTAW	5
WELD202	GTAW FP	5
WELD203	GTA aluminum	5

TOTAL CREDITS 15

SIXTH QUARTER

COURSE	TITLE	CR
WELD204	Weld Cert. Test-SMAW	5
WELD208	Non-Destructive Testing	2
WELD292	Ind. Projects	5

TOTAL CREDITS 12

OPTIONAL ELECTIVE QUARTER

COURSE	TITLE	CR
WELD205	ADV WELD APP-PIPE/SMAW	5
WELD206	ADV WELD APP-PIPE/GTAW	5
WELD210	ADV WELD APP-PROJECT	5

TOTAL CREDITS 15

- **Certificate of Competency (CoC) 94-101 Credits**

FIRST QUARTER

COURSE	TITLE	CR
WELD101	Safety	2
WELD104	Oxyacetylene Cutting/ Brazing	3
WELD105	Intro shield Mtl Arc Weld	5
WELD117	Welding Symbols	5
GENED	MATH/ENGL/Hum Soc Sci Other	5

TOTAL CREDITS 20

SECOND QUARTER

COURSE	TITLE	CR
WELD108	FP WLD-Flat/Horizontal	5
WELD109	FP Wld-vertical/overhead	5
WELD110	FP WLD Open Root	5
GENED	MATH/ENGL/Hum Soc Sci Other	5

TOTAL CREDITS 20

THIRD QUARTER

COURSE	TITLE	CR
	<i>Choose Wire Cert.</i>	
WELD111	Intro GMAW STL	3
WELD112	FP GMAW STL	4
WELD113	GMAW-Aluminum	5
GENED	MATH/ENGL/Hum Soc Sci Other	5

TOTAL CREDITS 17

FOURTH QUARTER

COURSE	TITLE	CR
WELD114	Intro. Flux core Arc welding	4
WELD115	FCAW Full Penetration	5
WELD207	WELDER FCAW	5

TOTAL CREDITS 14

FIFTH QUARTER

COURSE	TITLE	CR
WELD201	Intro to GTAW	5
WELD202	GTAW FP	5
WELD203	GTA aluminum	5

TOTAL CREDITS 15

SIXTH QUARTER

COURSE	TITLE	CR
WELD204	Weld Cert. Test-SMAW	5
WELD208	Non-Destructive Testing	2
WELD292	Ind. Projects	5

TOTAL CREDITS 12

OPTIONAL ELECTIVE QUARTER

COURSE	TITLE	CR
WELD205	ADV WELD APP-PIPE/SMAW	5
WELD206	ADV WELD APP-PIPE/GTAW	5
WELD210	ADV WELD APP-PROJECT	5

TOTAL CREDITS 15

- **Certificate of Training – Welder I (CoT) 30 Credits**

FIRST QUARTER

COURSE	TITLE	CR
WELD101	Safety	2
WELD104	Oxyacetylene Cutting/ Brazing	3
WELD105	Intro shield Mtl Arc Weld	5
WELD117	Welding Symbols	5

TOTAL CREDITS 15

SECOND QUARTER

COURSE	TITLE	CR
WELD108	FP WLD-Flat/Horizontal	5
WELD109	FP Wld-vertical/overhead	5
WELD110	FP WLD Open Root	5

TOTAL CREDITS 15

- **Certificate of Training – Welder II (CoT) 28 Credits**

FIRST QUARTER

COURSE	TITLE	CR
WELD101	Safety	2
WELD114	Intro. Flux core Arc welding	4
WELD115	FCAW Full Penetration	5
WELD207	WELDER FCAW	5

TOTAL CREDITS 16

SECOND QUARTER

COURSE	TITLE	CR
WELD111	Intro GMAW STL	3
WELD112	FP GMAW STL	4
WELD113	GMAW-Aluminum	5

TOTAL CREDITS 12