



CATALOG 2021-22

GE Pattern: [VVC.GE](#)
 Total Units: 60.0 Units
 Program Code: [WELD.AS](#)

Potential Career Options

Possible employment includes:

- Structural Iron and Steel Workers
- Welding, Cutter, Solderers
- Plumber, Pipefitters, Steamfitters

Average Salary Information
 \$55,170 Annually

STUDENT SUCCESS TEAM SUPPORT

School Dean

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RAMPath Counselor

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Faculty Advisor

Julia Wendt

EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this degree
GE	General Education	A course that fulfills a specific general education requirement for this degree, which can be replaced with another course that meets the same requirement
RE	Restricted Elective	A course selected from a list of elective courses specified for this degree in the course list in the catalog, which can be replaced with another course from the same list
Elec	Elective	A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree

Year 1, Semester 1

Total: 14.0

Category	Course	Title	GE Area	Unit
Req	WELD 51	Oxyacetylene Welding, Cutting & Brazing		4.0
GE	*ENGL 101.0	English Composition and Reading	IVA	4.0
GE	Any	Recommended: CMST 106, 107, 108, or 109	IVB	3.0
Elec	Any	Any course(s) numbered 50 or above. Recommended: AUTO 50, CTMT 121, or CT 122A		3.0

*Fulfills GE category IVA and Information Competency.

Year 1, Semester 2

Total: 16.0

Category	Course	Title	GE Area	Unit
Req	WELD 52	Shielded Metal Arc Welding - Basic		4.0
GE	#HLTH 102	Contemporary Problems in Personal and Community Health	I	3.0
GE	Any		IIB	3.0
GE	Any	Choose a course that also fulfills Global Citizenship	III	3.0
GE	MATH 132	The Ideas of Math	V	3.0

#Fulfills GE category I and Kinesiology requirement.

Year 1, Summer

Total: 3.0

Category	Course	Title	GE Area	Unit
Elec	Any	Any course(s) numbered 50 or above. Recommended: AUTO 50, CTMT 121, or CT 122A		3.0

Year 2, Semester 1

Total: 12.0

Category	Course	Title	GE Area	Unit
Req	WELD 53	Shielded Metal Arc Welding Advanced		4.0
Req	WELD 58A	Gas Metal Arc Welding Basic		2.0
Req	WELD 58B	Gas Metal Arc Welding Advanced		2.0
Req	WELD 59	Welding Symbols and Blueprint Reading		1.0
GE	Any		IIA	3.0

Year 2, Semester 2

Total: 15.0

Category	Course	Title	GE Area	Unit
Req	WELD 57A	Gas Tungsten Arc Welding Basic		2.0
Req	WELD 57B	Gas Tungsten Arc Welding Advanced		2.0
Req	WELD 60A-D	Welding Laboratory courses Optional for career preparation and skill development		1.0
Elec	Any	Any course(s) numbered 50 or above.		10.0

Not Quite Ready? Please see a counselor to create an education plan that is customized to meet your needs.