

GUIDED PATHWAY

The following sequence is the suggested pathway to complete the degree in two years. This sequence is based on satisfaction of all basic skills requirements and prerequisites and presumes a fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your academic advisor for other options and to monitor your progress.

Program Name: GMAW/FCAW Plate Certificate

Program Student Learning Outcomes (SLOs):

1. Apply safe practices specific to a welding environment and the equipment. (2,3,5,6)
2. Demonstrate logical and mathematical approaches to problem-solving in areas related to the welding industry (2)
3. Complete AWS pipe test in GMAW process for all positions. (6)
4. Complete AWS pipe test in FCAW process for all positions. (6)

Courses – Asterisk (*) indicates required program courses	AGEC course?	Terms	Credits
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WLD 103	no		3
WLD 104	no		5
WLD 106	no		4
WLD 107	no		5
WLD 115	no		3
WLD 123	no		6

Key:
 SP= Spring F= Fall SU= Summer

1. Aesthetic Sensibilities: An awareness of creative expression in the world around us.
2. Communication Skills: The ability to effectively convey meaning through various media on both personal and professional levels.
3. Critical Thinking Skills and Problem-Solving: The ability to analyze data and arrive at logical and defensible conclusions.
4. Cultural Diversity and Global Awareness: An appreciation of relationships and differences in values, customs, and norms of diverse global communities.
5. Techniques of Inquiry: Use of standardized methodological framework to collect, analyze, interpret, and present findings.
6. Technological Competency: A proficiency in evolving technology to compete and flourish in society.

Total credits 25

****terms not guaranteed**