

GUIDED PATHWAY

The following sequence is the suggested pathway to complete the certificate. This sequence is based on satisfaction of all basic skills requirements and prerequisites. 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: Fillet Weld 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. (3)
3. Complete AWS fillet weld test in all processes for 1F, 2F and 3F positions. (6)

Required Course Enrollment for all CBE courses: All students must follow the course outline below.

Courses Required	Credits
WLD 103	4
WLD 104	4
WLD 106	4
WLD 107	4

Key:

CBE= Competency-based Education

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	16
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