

Assessment Plan

Mission Statement

Measures

Welding Technology Outcome Set

Learning Outcome

Learning Outcome: SMAW Process

American Welding Association Shielded Metal Arc Welding (SMAW) Certification

▼ **Measure:** AWS SMAW certification
Program level Direct - Student Artifact

Details/Description:	Certification in the 1-G, 2-G, and 3-G positions
Acceptable Target:	80% of students will achieve at least 1 certification in SMAW process.
Ideal Target:	90% of students will achieve at least 1 certification in SMAW process.
Implementation Plan (timeline):	Spring 20
Key/Responsible Personnel:	Tony Dropik/Roger Berglin

Learning Outcome: GMAW Process

AWS- Gas metal Arc Welding (GMAW) Certification

▼ **Measure:** AWS GMAW certification
Program level Direct - Student Artifact

Details/Description:	Certification in the 1-G, 2-G, and 3-G positions
Acceptable Target:	80% of students will achieve at least 1 certification in GMAW process and 50% of the students will achieve a second certification.
Ideal Target:	90% of students will achieve at least 1 certification in GMAW process and 75% of the students will achieve a second certification.
Implementation Plan (timeline):	Spring 20
Key/Responsible Personnel:	Tony Dropik/Roger Berglin

Learning Outcome: FCAW Process

AWS- Flux Core Arc Welding (FCAW) Certification

▼ **Measure:** AWS FCAW certification
Program level Direct - Student Artifact

Details/Description:	Certification in the 1-G, 2-G, and 3-G positions
Acceptable Target:	25% of students will achieve at least 1 certification in GMAW process and 10% of the students will achieve a second certification.
Ideal Target:	50% of students will achieve at least 1 certification in GMAW process and 20% of the students will achieve a second certification.
Implementation Plan	Spring 20

(timeline):
Key/Responsible Tony Dropik/Roger Berglin
Personnel:

Learning Outcome: GTAW Process

AWS-Gas Tungsten Arc Welding Certification

▼ **Measure:** AWS GTAW certification
Program level Direct - Student Artifact

Details/Description: Certification in the 5-G, 6-G positions
Acceptable Target: 20% of students achieve certification
Ideal Target: 30% of student achieve certification
Implementation Plan Spring 20
(timeline):
Key/Responsible Tony Dropik/Roger Berglin
Personnel:

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