

Program SLOs

Welding

A.S. Degree – Welding Technology

Certificate of Achievement--Welding Technology, Welding Code Specialist, Welding Fabricator Specialist

Welding Program Student Learning Outcomes From the 2015 PrOF (Program Review) Update

1	Program Student Learning Outcome (P-SLO)	Welding Skills	<ul style="list-style-type: none"> Demonstrate welding skills sufficient to meet industry certified welder standards.
2	Program Student Learning Outcome (P-SLO)	Welding Techniques	<ul style="list-style-type: none"> Apply integrated knowledge with incremental skill improvement resulting in functional application of welding techniques.
3	Program Student Learning Outcome (P-SLO)	Codes and Regulations	<ul style="list-style-type: none"> Interpret safety codes and regulations that pertain to the welding industry.
4	Program Student Learning Outcome (P-SLO)	Fabrication and Certification	<ul style="list-style-type: none"> Use proper hand, measuring and layout tools to fabricate welding projects or certification coupons.
5	Program Student Learning Outcome (P-SLO)	Professionalism	<ul style="list-style-type: none"> Demonstrate work attributes that contribute to personal success and contribute to the goals of the company or organization for which one is employed.

A.S. Degree - Welding Technology Student Learning Outcomes *

SLO 1 Understand and implement Cal-OSHA and FED-OSHA Safety Regulations and Procedures that pertain to the Welding Industry.
SLO 2 Demonstrate welding skills to meet or exceed Industry Welder Qualification Standards.
SLO 3 Understand and implement Welding Procedures and Welding Specifications to meet or exceed the Welding Code Standards.
SLO 4 Demonstrate work attributes that contribute to personal success and contribute to the goals of the company or organization for which one is employed.
SLO 5 Apply academic skills in reading, mathematics, chemistry, physics, business, communication, engineering design and concepts to the application of welding.

Certificate - Welding Technology Student Learning Outcomes *

SLO 1 Demonstrate welding skills sufficient to meet industry certified welder standards
SLO 2 Apply integrated knowledge with incremental skill improvement resulting in functional application of welding techniques.
SLO 3 Interpret safety codes and regulations that pertain to the welding industry.

SLO 4 Use proper hand, measuring and layout tools to fabricate welding projects or certification coupons.

SLO 5 Demonstrate work attributes that contribute to personal success and contribute to the goals of the company or organization for which one is employed.

Certificate - Welding Code Specialist Student Learning Outcomes *

SLO 1 Understand and implement Cal-OSHA and FED-OSHA Safety Regulations and Procedures that pertain to the Welding Industry.

SLO 2 Understand and implement Welding Procedures and Welding Specifications to meet or exceed the Welding Code Standards.

SLO 3 Demonstrate welding skills to meet or exceed Industry Welder Qualification Standards.

Certificate - Welding Fabricator Specialist Student Learning Outcomes *

SLO 1 Understand and implement Cal-OSHA and FED-OSHA Safety Regulations and Procedures that pertain to the Welding Industry.

SLO 2 Understand and implement Welding Procedures and Welding Specifications to meet or exceed the Welding Code Standards.

SLO 3 Demonstrate welding skills to meet or exceed Industry Welder Qualification Standards.

* Developed through the Curriculum Committee approval process.