

Program		Welding				
Degree/Certificate:		18-Hour Certificate				
Course	Course Title	Credits	IE_PLO1: Develop the cognitive and physical skills necessary to pass American Welding Society certifications.	IE_PLO2: Identify safe welding practices and procedures conforming to American Welding Society.	ILO_Em1: A student will be able to demonstrate knowledge of norms and expectations of professional environments.	ILO_Em2: A student will demonstrate skills in working with others in a professional and constructive manner.
Required Courses						
IE117	OSHA 10-hour General Industry Training	1	●		●	●
IE 125	Blueprint Reading and Cutting Process	2	●	●	●	●
IE 126	Shielded Metal Arc Welding	3	●	●	●	●
IE 127	Gas Metal Arc Welding	3	●	●	●	●
IE 128	Flux Core Arc Welding	3	●	●	●	●
IE 129	Gas Tungsten Arc Welding	3	●	●	●	●