

WELDING CERTIFICATE

Evening Program Options Available

Students enrolled in a Welding program will understand gasses used in welding, cutting processes, brazing and soldering, joints, demonstrate shielded metal arc welding, demonstrate advanced arc welding, welding metallurgy, gas metal arc welding, gas tungsten arc welding, pipe welding, and welding fabrication. This certificate may be applied toward the Associate of Applied Science in Technology.

The American Welding Society (AWS) SENSE Program is a comprehensive set of minimum standards and guidelines for Welding Education programs. Glen Oaks has incorporated its own curriculum to ensure an education that is consistent with other SENSE schools across the nation. The program is fully supported by the American Welding Society.

SENSE students may earn up to 4 SENSE level certifications.

- SMAW - Shielded Metal Arc Welding
- GMAW - Gas Medal Arc Welding
- FCAW - Flux Cored Arc Welding
- GTAW - Gas Tungsten Arc Welding

Requirements

Code	Title	Credits
Required Coursework		30.00
718 hours		
WELD-105	BASICS OF WELDING	
WELD-110	OXYACETLENE WELDING	
WELD-115	CUTTING PROCESSES	
WELD-120	BRAZING AND SOLDERING	
WELD-125	SHIELDED METAL ARC WELDING	
WELD-130	ADVANCED ARC WELDING	
WELD-135	WELDING METALLURGY	
WELD-140	GAS METAL ARC WELDING	
WELD-145	GAS TUNGSTEN ARC WELDING	
WELD-150	PIPE WELDING	
WELD-155	SPECIAL APPLICATIONS	
Total Credits		30.00

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Course has prerequisite(s)

Tuition is calculated by contact hours per semester.

Current/Updated: 07/18/2019