

Welding and Fabrication Technology II Certificate (4337)

This certificate provides students instruction in comprehensive technical skills that will prepare them for employment in positions including: fabrication, welding, soldering, and brazing, as well as sales, inspection and repair within the welding industry. The advanced welding courses embed the American Welding Society's Certification of Qualification exam that, upon successful completion, will result in the issuance of an industry recognized credential, which is portable.

Course	Title	Credit Hours
Completion of the Industrial Welding I Certificate		21
Six of the following courses are required:		
WELD 2320	Advanced SMAW (Stick) Welding	3
WELD 2330	Advanced GTAW (TIG)	3
WELD 2340	Advanced FCAW (Flux Cored) Welding ¹	3
WELD 2350	Advanced GMAW (MIG/MAG) Welding ¹	3
WELD 2370	Advanced Pipe Welding	3
WELD 2380	GTAW (TIG) Pipe Welding Application	3
WELD 2400	Welding Inspection	3
WELD 2410	Welding Economics	3
Certificate Total		39-43

¹ In addition to the supplies listed in the course description, this course also requires welders or MIG pliers as part of the required supplies.