

CERTIFICATE

Electric Arc Welding Certificate

This certificate program prepares students for employment as entry-level welders using any one or all of the three basic types of Electric Arc Welding Technology: Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW) and/or Shielded Metal Arc Welding (SMAW). Students successfully completing this certificate program will be able to perform basic GMAW, GTAW, and SMAW tasks, read/interpret blueprints, complete basic math calculations, demonstrate basic computer/Internet skills, and communicate effectively.

Students must earn a minimum* of 19 hours for this certificate.

Orientation		1 hour
COLL	101 College Orientation	
Major Courses		12 hours
WELD	113 Introduction to Welding* (3)	
WELD	145 Gas Metal Arc Welding (GMAW/MIG)* (3)	
WELD	150 Gas Tungsten Arc Welding (GTAW/TIG)* (3)	
WELD	155 Shielded Metal Arc Welding (SMAW)* (3)	
Support Courses		6 hours
BSAD	125 Computer Applications* (3)	
DRFT	101 Introduction to Engineering Drawing (3)	
Total Hourly Requirement		19 hours

*Prerequisite courses or equivalent placement exam scores required.