

**University of Arkansas
East Arkansas Community College
Technical Certificate in Welding Technology**

The Technical Certificate in Welding is designed to prepare students for entry-level positions in welding manufacturing by producing students with welding skills applicable in a number of industrial settings. Entry level positions include: Aluminum Welder, Fabricator, Fitter/Welder, Maintenance Welder, Mig Welder, or Sub Arc Operator.

I. Term I	Credit Hours	Semester	Year	Grade
ENG 1033 Communication Skills I -or- Higher	3			
MCH 1063 Welding Principles	3			
MCH 1072 Welding Operations	2			
MCH 1082 Purging, Piping, and Safety	2			
MCH 1112 Blueprints and Schematics for Welding	2			
MCH 1001 Reading Blueprints	1			
Total Semester Hours	13			
II. Term II	Credit Hours	Semester	Year	Grade
MTH 1083 Technical Mathematics -or- Higher	3			
MCH 2064 Advanced Welding Principles	4			
MCH 2074 Advanced Welding Operations	4			
MCH 2213 Advanced Maintenance Welding	3			
Total Semester Hours	14			
III. Term III	Credit Hours	Semester	Year	Grade
MCH 2214 Advanced TIG Welding	4			
Total Semester Hours	4			
Total Certificate Hours	31			