

East Arkansas Community College

Technical Certificate in Welding Technology

The Technical Certificate (TC) in Welding Technology is designed to prepare students for entry level positions in welding manufacturing, construction, and custom fabrication. Skill sets of graduates include operation of SMAW, GMAW, FCAW, and GTAW welding processes, oxy fuel and plasma arc cutting processes, blueprint reading, and fabrication. Salary ranges are broad in the field of welding and are based on the range of knowledge and skill as well as the type of industry.

In addition to the TC-Welding Technology, EACC offers the Certificate of Proficiency (CP) in Welding Technology. See the College catalog for more information or log on to www.eacc.edu.

I. General Education Courses	Credit Hours	Semester	Year	Grade
*BUS 1603 Computer Fundamentals	3			
*ENG 1013 English Composition I	3			
<i>Select one course from:</i>				
BUS 2013 Technical Communications -or-	3			
ENG 1023 English Composition II	3			
<i>Select one course from:</i>				
MTH 1093 Mathematical Applications II -or-	3			
MTH 1113 College Algebra	3			
Total General Education Hours	12			
II. Welding Technology Required Courses	Credit Hours	Semester	Year	Grade
MCH 1001 Reading Blueprints	1			
MCH 1011 Reading Schematics and Symbols	1			
MCH 1062 Welding Principles	2			
MCH 1072 Welding Operations	2			
MCH 1082 Purging, Piping, and Safety	2			
MCH 2064 Advanced Welding Principles	4			
MCH 2074 Advanced Welding Operations	4			
MCH 2213 Advanced Maintenance Welding	3			
SFT 1081 Introduction to Industrial Safety	1			
Total Applied Engineering Required Hours	20			
TOTAL CERTIFICATE HOURS	32			

***ACTS Transfer Course** - The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment of the application of credits for the admissions and degree requirements. ACTS-Arkansas Course Transfer System <http://acts.adhe.edu> -select Course Transfer. See Acceptance of Transfer Credits section on the current academic catalog for a complete list of transfer provisions.