

General Technology, Welding Option - Associate of Applied Science Degree

The Associate of Applied Science in General Technology allows the blending of a technical certificate with general education courses to form a degree that consists of applied technologies. This program is designed to prepare students for careers in welding. Students will develop skills to meet certain certification test standards for either manufacturing or pipe welding. Students will be better prepared to assume positions that require an understanding of fabrication and layout. Students must earn a "C" or above in English Composition I, English Composition II, and the math requirement and have a cumulative GPA of 2.0 or above to receive an Associate of Applied Science Degree

General Education Core:	Credit Hours
EN 12003 English Composition I	3
EN 12013 English Composition II	3
CS 11033 Computer Applications	3
MA 14073 Mathematical Applications OR MA 14043 College Algebra	3
SP 22063 Human Relations OR SP 12103 Intro. to Speech Communications	3
Total Credit Hours	15
Division Requirements:	
CE 11003 Workplace Essentials	3
Total Credit Hours	3
Welding Major Requirements	
WE 17001 Oxygen/Acetylene Safety & Orientation	1
WE 17013 Blueprint Reading for Welders	3
WE 17034 Shielded Arc Welding (SMAW) Pipe Welding	4
WE 17044 Gas Tungsten Arc Welding (GTAW) - Pipe	4
WE 17064 Gas Metal Arc Welding	4
WE 17074 Gas Tungsten Arc Welding (GTAW) Manufacturing	4
WE 17084 Flux Core Arc Welding	4
WE 17094 SMAW Structural Welding (Partial Joint Penetration)	4
WE 17104 SMAW Structural Welding (Complete Joint Penetration)	4
Total Credit Hours	32
Approved Electives*	10
Total Degree Credit Hours	60

AAS General Technology - Welding			
Minimum Scores Required			
	Math	English	Reading
ACT	15	15	15
Accuplacer	47A 37E	67	53

*Approved electives may also be chosen from courses with the following prefixes: AC, BU, CE, CS, CT, EL, ES, HV, IS, ME, MT, and MG as approved by the Vice President for Economic Development. Elective credit for appropriate experiential learning will also be considered.