

Associate of Applied Science Welding



PURPOSE: Graduates of the Technical Studies Welding program are trained in the job skills necessary to enter employment as apprentice welders immediately upon completion of the curriculum. Course work includes a strong emphasis in welding technology with related courses in computer applications, quality control, teamwork, and communication.

OPPORTUNITIES FOR EMPLOYMENT: Graduates can expect to find employment as welders in a variety of industries including mining, manufacturing and construction.

SPECIAL CONSIDERATIONS: Up to 15 hours credit may be given for documented previous work experience and certifications. Although the program is designed to educate and train welders entering the industry, the program offers increased skill levels and knowledge for experienced welders as well. Welders seeking a degree or desiring promotion to upper level managerial positions should also take advantage of this excellent opportunity.

First Year

Fall Semester				
	MTH/Science	Elective	3	
	WEL	100	Fundamentals of Welding	3
	WEL	115	Arc and Gas Welding	3
	WEL	123	Arc Welding I	3
	DRF	160	Machine Blueprint Reading	3
	SDV	100	College Success Skills	1

Spring Semester				
	IND	137	Team Concepts	3
	ENG	111	College Composition I	3
	HUM	Elective		3
	Social Science	Elective		3
	WEL	124	Arc Welding II	3
			Welding Elective or equivalent experience	3

Second Year

Fall Semester				
	ITE	115	Introduction to Computer Apps and Concepts	3
	IND	101	Quality Assurance Tech	3
	DRF	200	Survey of Computer Aided Drafting	4
	Social Science	Elective		3
	WEL	126	Pipe Welding	3

Spring Semester				
	ENG	115	Technical Writing	3
			Welding elective or equivalent experience	3
			Welding elective or equivalent experience	3
			Welding elective or equivalent experience	3
			Welding elective or equivalent experience	3
Total Minimum Credits for Degree				67

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