

Certificate Welding



PURPOSE: A certificate in Welding is designed to prepare students for employment as apprentice welders immediately upon completion of the curriculum. Technical courses and shop experience comprise the major parts of the program. The remaining courses are in related subjects and general education. The certificate in Welding will prepare you for the occupational goal of welder.

PROGRAM REQUIREMENTS: Articulation course credits may be earned by the validation of welding skills learned in a vocational school or on-the-job experience. Entry into the program requires regular application to the college and regular application to the College and regular Welding program requirements and recommendations of the vocational welding instructor or verification of basic skills by your employer.

First Year

Fall Semester			
MTH	105	Survey of Technical Math I	2
SDV	100	College Success Skills	1
WEL	100	Fundamentals of Welding	3
WEL	110	Welding Process	3
WEL	115	Arc and Gas Welding	3
WEL	123	Arc Welding I	3

Spring Semester			
ENG	100	Basic Occupational Communication	3
WEL	124	Arc Welding II	3
WEL	130	Inert Gas Welding	3
WEL	150	Welding Drawing and Interpretation	3
WEL	198	Seminar and Project	3
Social Science	Elective		3

Spring Semester			
WEL	126	Pipe Welding I	3
WEL	160	Semi-Automatic Welding Process	3
WEL	129	Pipefitting & Fabrication	3
Total Minimum Credits for Certificate			42

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