

WELDING
ASSOCIATE OF APPLIED SCIENCE DEGREE
Catalog 2005-2007

The Welding/Metal Fabrication Program stresses the practical applications of welding on plate and pipe in all positions and the necessary theory to support those skill levels. Welding skills are developed by using the following processes: oxy-acetylene, stick electrode, metal inert gas (MIG), and tungsten-inert gas (TIG) welding. Support courses in mathematics, blueprint reading, drafting and metallurgy are included in the program.

NOTE:

1. A student must earn a grade of "C" or higher in order to receive a degree or certificate.
2. Attendance is an intricate part of the learning process, thus, poor attendance can contribute to poor student success.
3. Recommended course sequencing for first time students:

1st Semester

___	ENGL	118	Technical Composition	3	_____
___	WELD	118*	Introduction to Welding I	8	_____
___	WELD	119*	Introduction to Welding II	7	_____
___	WELD	128	Blueprint Reading for Welders	3	_____
					Total 21 credits

2nd Semester

___	ENGL	218	Advanced Technical Composition	3	_____
___	MATH	113	Applied Mathematics for Vocational Students	3	_____
___	WELD	212	Metal Fabrication I	6	_____
___	WELD	122	Basic TIG and MIG Welding	8	_____
					Total 20 credits

3rd Semester

___	SPCH	110	Public Speaking OR		
___	SPCH	111	Interpersonal Communication	3	_____
___	WELD	211	Welding Related Metallurgy	3	_____
___	WELD	121	Pipe Welding I	7	_____
___	WELD	214	Metal Fabrication II	7	_____
___	_____	_____	Humanities/Social Science Elective	3	_____
					Total 23 credits

4th Semester

___	DRFT	111	Drafting for Industry	3	_____
___	WELD	213	Pipe Welding II	6	_____
___	WELD	216	Pipe Fabrication and Layout	8	_____
___	WELD	229	Template Theory and Construction	3	_____
					Total 20 credits

Total Credits for this degree is 84 credits

Note: Courses indicated with an asterisk (*) must be taken together