WELDING

Two-Year Certificate Program
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			**Credit Hours**	**Grade**
___ WELD	118*	Introduction to Welding I	8	_____
___ WELD	119*	Introduction to Welding II	7	_____
___ WELD	128	Blueprint Reading for Welders	3	_____
				Total 18 credits
2nd Semester				
___ WELD	212	Metal Fabrication I	6	_____
___ WELD	122	Basic TIG and MIG Welding	8	_____
___ MATH	113	Applied Mathematics for Vocational Students	3	_____
				Total 17 credits
3rd Semester				
___ WELD	211	Welding Related Metallurgy	3	_____
___ WELD	121	Pipe Welding I	7	_____
___ WELD	214	Metal Fabrication II	7	_____
___ ENGL	118	Technical Composition	3	_____
				Total 20 credits
4th Semester				
___ WELD	213	Pipe Welding II	6	_____
___ WELD	216	Pipe Fabrication and Layout	8	_____
___ WELD	229	Template Theory and Construction	3	_____
___ DRFT	111	Drafting for Industry	3	_____
				Total 20 credits

Total credits for this degree is 75 credits

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