



Northwest Technical Institute  
rethink education

## Welding Technology Curriculum

The following courses must be completed satisfactorily to receive a diploma in Welding Technology:

Course Number	Course Name	Clock Hours	Credit Hours	FA hours
WLD1104	Intro to Welding	96	4	2.56
WLD1204	Welding Concepts	120	4	3.2
WLD1234	Shielded Metal Arc Welding	96	4	2.56
WLD1404	Gas Tungsten Arc Welding	120	4	3.2
WLD2104	Gas Metal Arc Welding	120	4	3.2
WLD2203	Advanced Shielded Metal Arc Welding	72	3	1.92
WLD2303	Welding Techniques	84	3	2.24
WLD2404	Welding Application Lab	120	4	3.2
WLD2502	Internship	120	2	3.2
COM1103	Technical Communications I	48	3	1.28
COM1203	Technical Communications II	48	3	1.28
MTH1132	Technical Mathematics I	36	2	.96
	Hours	1,080	40	28

### Suggested Schedule

#### Fall Semester

COM1103	Technical Communications I
WLD1104	Intro to Welding
WLD1204	Welding Concepts
WLD1234	Shielded Metal Arc Welding
WLD2104	Gas Metal Arc Welding
MTH1132	Technical Mathematics I

#### Spring Semester

COM1203	Technical Communications II
WLD1404	Gas Tungsten Arc Welding
WLD2203	Advanced Shielded Metal Arc Welding
WLD2303	Welding Techniques
WLD2404	Welding Application Lab

#### Summer

WLD2502	Internship
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