



**Northwest Technical Institute**  
rethink education

**Industrial Maintenance Technology Curriculum**

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

Course Number	Course Name	Clock Hours	Credit Hours	FA hours
COM1103	Technical Communications I	48	3	1.28
COM1203	Technical Communications II	48	3	1.28
IMT1104	DC/AC Fundamentals/Lab	96	4	2.56
IMT3214	Programmable Controllers/Lab	96	4	2.56
IMT 1003	Maintenance Fundamentals	48	3	1.28
IMT1103	Blueprint & Schematics Reading	48	3	1.28
IMT1403	Industrial Electricity	48	3	1.28
IMT1503	Industrial Wiring Methods	48	3	1.28
IMT1603	Motors & Motor Controls	48	3	1.28
IMT1705	Fluid Power & Mechanics/ Lab	96	5	2.56
IMT1903	Industrial Troubleshooting Skills	48	3	1.28
IMT2203	Internship	160	3	4.26
MTH1103	Technical Mathematics I	48	3	1.28
MTH2113	Technical Mathematics II	48	3	1.28
WLD1503	Basic Welding	48	3	1.28
	Total Hours	976	49	26

**Suggested Schedule**

**Semester I**

COM1103	Technical Communications I
IMT1104	DC/AC Fundamentals/Lab
	Controllers/Lab
IMT1503	Industrial Wiring Methods
IMT1403	Industrial Electricity
IMT1003	Maintenance Fundamentals
IMT1103	Schematics Reading
MTH1103	Technical Mathematics I

**Semester II**

COM1203	Technical Communications II
IMT3214	Programmable
IMT1603	Motors & Motor Controls/Lab
IMT1705	Fluid Power & Mechanics/Lab
MTH2113	Technical Mathematics II
IMT1903	Industrial Troubleshooting Skills

**Summer**

IMT2203	Internship
WLD1503	Basic Welding

**Northwest Technical Institute**  
709 S. Old Missouri Road  
Springdale, AR 72764  
(479) 751-8824  
[www.nwti.edu](http://www.nwti.edu)