

Industrial Maintenance Technology Diploma

Industrial Maintenance Technician - 4703034049

General Education:

Area 1 =

Written Communication, Oral Communications, or
Heritage/Humanities 3

Area 2 =

MAT	116	Technical Mathematics OR	3
MAT	126	Technical Algebra & Trigonometry	(3)
Subtotal			6

Technical Core:

		Digital Literacy	3
BRX	120	Basic Blueprint Reading OR	3
BRX	110	Basic Blueprint Reading for Machinist OR	(2)
BRX	112	Blueprint Reading for Machinist OR	(4)
ELT	102	Blueprint Reading	(2)
FPX	100	Fluid Power AND.....	3
FPX	101	Fluid Power Lab OR.....	2
ELT	265	Applied Fluid Power.....	(3)
IMT	110	Industrial Maintenance Electrical Principles AND	3
IMT	111	Industrial Maintenance Electrical Principles Lab OR	2
ELT	110	Circuits I	(5)
IMT	150	Maintaining Industrial Equipment I AND	3
IMT	151	Maintaining Industrial Equipment I Lab	2
IMT	220	Industrial Maintenance Electrical Motor Controls I AND3	
IMT	221	Industrial Maintenance Electrical Motor Controls I Lab OR	2
EET	270	Electrical Motor Controls I AND.....	(2)
EET	271	Electrical Motor Controls I Lab OR.....	(2)
ELT	244	Electrical Machinery and Controls OR	(4)
IMT	120	Industrial Maintenance Rotating Machinery AND.....	(3)
IMT	121	Industrial Maintenance Rotating Machinery Lab OR..	(2)
EET	264	Rotating Machinery AND	(2)
EET	265	Rotating Machinery Lab.....	(2)
IMT	100	Welding for Maintenance AND.....	3
IMT	101	Welding for Maintenance Lab OR.....	2
WLD	120	Shielded Metal Arc Welding AND	(2)
WLD	121	Shielded Metal Arc Welding Fillet Lab OR	(3)
WLD	152	Basic Welding B	(5)
IMT	289	Industrial Maintenance Technology Capstone	1
Subtotal			28-32

Technical Electives:

Fifteen (15) credit hours of electives must be taken from the approved list. The list is not all inclusive. Other technical elective courses may be taken with approval of the program instructor/advisor.

Subtotal **15**

Total Credits **49-53**

**If courses equaling 10 credits are taken, five (5) credits may be used as electives.