

NAME: _____ Student ID Number: _____

Industrial Maintenance Technology 4703037019

Associate in Applied Science Industrial Maintenance Track 4703037019					
General Education:					
ENG	101	Writing I	3	☐	
MAT	116	Technical Mathematics OR	3	☐	
MAT	126	Technical Algebra & Trigonometry OR	(3)		
		Higher Level Mathematics Course	(3)		
		Social/Behavioral Science	3	☐	
		Heritage/Humanities	3	☐	
		Natural Sciences	3	☐	
		Oral Communications	3	☐	
Subtotal			18		
Technical Courses:					
IMT	110	IMT Electrical Principles AND	3	☐	
IMT	111	IMT Electrical Principles Lab OR	2		
ELT	110	Circuits I	(5)		
IMT	150	Maintaining Industrial Equipment I	3	☐	
IMT	151	Maintaining Industrial Equipment I Lab	2		
		Digital Literacy	3	☐	
BRX	120	Basic Blueprint Reading OR	3	☐	
BRX	110	Basic Blueprint Reading for Machinist	(2)		
FPX	100	Fluid Power AND	3	☐	
FPX	101	Fluid Power Lab	2		
IMT	220	IMT Electrical Motor Controls I AND	3	☐	
IMT	221	IMT Electrical Motor Controls I Lab OR	2		
EET	270	Electrical Motor Controls I AND	(2)		
EET	271	Electrical Motor Controls I Lab OR	(2)		
IMT	120	IMT Rotating Machinery AND	(3)		
IMT	121	IMT 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	2		
IMT	289	IMT Technology Capstone (Fall 2013)	1	☐	
Subtotal			46		
Technical Electives			18	☐	
TOTAL			64		

Industrial Maintenance Technology Diploma 4703034049					
General Education:					
Area I: (choose ONE)					
Written OR Oral Communications OR Heritage OR Humanities			3	☐	
Area II:					
MAT	116	Technical Mathematics OR	3	☐	
MAT	126	Tech Algebra & Trigonometry OR	(3)		
		Higher Level Mathematics Course	(3)		
Subtotal			6		
Technical Courses:					
Digital Literacy			3	☐	
BRX	120	Basic Blueprint Reading OR	3	☐	
BRX	110	Basic Blueprint Reading for Machinist	(2)		
FPX	100	Fluid Power AND	3	☐	
FPX	101	Fluid Power Lab	2		
IMT	110	IMT Electrical Principles AND	3	☐	
IMT	111	IMT Electrical Principles Lab OR	2		
ELT	110	Circuits I	(5)		
IMT	150	Maintaining Industrial Equipment I	3	☐	
IMT	151	Maintaining Industrial Equipment I Lab	2		
IMT	220	IMT Electrical Motor Controls I AND	3	☐	
IMT	221	IMT Electrical Motor Controls I Lab OR	2		
EET	270	Electrical Motor Controls I AND	(2)		
EET	271	Electrical Motor Controls I Lab OR	(2)		
IMT	120	IMT Rotating Machinery AND	(3)		
IMT	121	IMT 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	2		
COE	199	Cooperative Education OR	1	☐	
COED	198	Practicum	(1)		
IMT	289	IMT Technology Capstone (Fall 2013)	1	☐	
Subtotal			28-32		
Technical Electives			15	☐	
TOTAL			49-53		

Technical electives must be taken from the approved list (available online). This list is not all inclusive. Other technical elective courses may be taken with approval of the program instructor/advisor.

Technical Electives / Notes

If ELT 114 is taken, it counts as 5 elective hours ☐

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Industrial Maintenance Technology Certificates

Fluid Power Mechanic 4703033129				
FPX	100	Fluid Power AND	3	☐
FPX	101	Fluid Power Lab OR	2	
MST	200	Advanced Hydraulic Systems AND	3	☐
MST	201	Advanced Hydraulic Systems Lab OR	2	
MST	204	Advanced Pneumatic Systems AND	(3)	
MST	205	Advanced Pneumatic Systems Lab	(2)	
TOTAL			8-10	
Industrial Maintenance Machinists Mechanic 4703033119				
BRX	120	Basic Blueprint Reading OR	3	☐
BRX	110	Basic Blueprint Reading for Machinist	(2)	
BRX	112	OR Blueprint Reading for Machinist	(4)	
IMT	100	Welding for Maintenance AND	3	☐
IMT	101	Welding for Maintenance Lab	2	
IMT	115	Maintenance Machining I AND	2	☐
IMT	116	Maintenance Machining I Lab OR	5	
CMM	114	Fundamentals of Mach. Tools OR	(7)	
CMM	110	Fundamentals of Mach. Tools -A AND	(3)	
CMM	112	Fundamentals of Machine Tools -B	(4)	
IMT	150	Maintaining Industrial Equipment I	3	☐
IMT	151	Maintaining Industrial Equipment I Lab	2	
TOTAL			19-21	
Industrial Maintenance Electrical Mechanic 4703033159				
FPX	100	Fluid Power AND	3	☐
FPX	101	Fluid Power Lab OR	2	
IMT	110	IMT Electrical Principles AND	3	☐
IMT	111	IMT Electrical Principles Lab OR	2	
ELT	110	Circuits I	(5)	
IMT	220	IMT Electrical Motor Controls I AND	3	☐
IMT	221	IMT Electrical Motor Controls I Lab OR	2	
EET	270	Electrical Motor Controls I AND	(2)	
EET	271	Electrical Motor Controls I Lab OR	(2)	
IMT	120	IMT Rotating Machinery AND	(3)	
IMT	121	IMT Rotating Machinery Lab OR	(2)	
EET	264	Rotating Machinery AND	(2)	
EET	265	Rotating Machinery Lab OR	(2)	
IMT	280	Advanced PLCs AND	(3)	
IMT	281	Advanced PLCs Lab OR	(2)	
EET	276	Programmable Logic Controllers AND	(2)	
EET	277	Programmable Logic Controllers Lab	(2)	
TOTAL			12-15	

Welding Helper
4805083129

IMT	100	Welding for Maintenance AND	3
IMT	101	Welding for Maintenance Lab	2

Industrial Maintenance Mechanic Level I 4703033139				
FPX	100	Fluid Power AND	3	☐
FPX	101	Fluid Power Lab OR	2	
IMT	110	IIMT Electrical Principles AND	3	☐
IMT	111	IMT Electrical Principles Lab OR	2	
ELT	110	Circuits I	(5)	
IMT	150	Maintaining Industrial Equipment I	3	☐
IMT	151	Maintaining Industrial Equipment I Lab	2	
TOTAL			15	
Industrial Maintenance Mechanic Level II 4703033149				
BRX	120	Basic Blueprint Reading OR	3	☐
BRX	110	Basic Blueprint Reading for Mach. OR	(2)	
BRX	112	Blueprint Reading for Machinist	(4)	
FPX	100	Fluid Power AND	3	☐
FPX	101	Fluid Power Lab OR	2	
IMT	110	IMT Electrical Principles AND	3	☐
IMT	111	IMT Electrical Principles Lab OR	2	
ELT	110	Circuits I	(5)	
IMT	100	Welding for Maintenance AND	3	☐
IMT	101	Welding for Maintenance Lab	2	
IMT	115	Maintenance Machining I AND	2	☐
IMT	116	Maintenance Machining I Lab OR	5	
CMM	114	Fundamentals of Mach. Tools OR	(7)	
CMM	110	Fundamentals of Mach. Tools -A AND	(3)	
CMM	112	Fundamentals of Machine Tools -B	(4)	
TOTAL			19-21	
Industrial Maintenance Robotics Technician 4703033239				
IMT	110	IMT Electrical Principles AND	3	☐
IMT	111	IMT Electrical Principles Lab OR	2	
ELT	110	Circuits I	(5)	
FPX	100	Fluid Power AND	3	☐
FPX	101	Fluid Power Lab OR	2	
IMT	220	IMT Electrical Motor Controls I AND	3	☐
IMT	221	IMT Electrical Motor Controls I Lab OR	2	
EET	270	Electrical Motor Controls I AND	(2)	
EET	271	Electrical Motor Controls I Lab OR	(2)	
IMT	280	Advanced PLCs AND	3	☐
IMT	281	Advanced PLCs Lab OR	2	
EET	276	Programmable Logic Controllers AND	(2)	
EET	277	Programmable Logic Controllers Lab	(2)	
IMT	150	Maintaining Industrial Equipment I	3	☐
IMT	151	Maintaining Industrial Equipment I Lab	2	
IMT	200	Indust. Robot Maint.	4	☐
TOTAL			27-29	