

MANUFACTURING INDUSTRIAL TECHNOLOGY
Industrial Maintenance Technology
Robotics Technician
Certificate

Academic Plan Code

4703033239

Contact Information: Tim Driver				
tim.driver@kctcs.edu		270-534-3433		
Student Name		Student ID#		
	Course	Hours	Grade	Semester
	IMT 110 Industrial Maintenance Electrical Principles AND	3		
	IMT 111 Industrial Maintenance Electrical Principles Lab OR	2		
	ELT 110 Circuits I OR	(5)		
	EET 119 Basic Electricity	(5)		
	FPX 100 Fluid Power AND	3		
	FPX 101 Fluid Power Lab OR	2		
	ELT 265 Applied Fluid Power	(3)		
	IMT 220 Industrial Maintenance Electrical Motor Controls I AND	3		
	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)		
	IMT 120 Industrial Maintenance Rotating Machinery AND	(3)		
	IMT 121 Industrial Maintenance Rotating Machinery Lab	(2)		
	IMT 280 Advanced Programmable Logic Controllers AND	3		
	IMT 281 Advanced Programmable Logic Controllers 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 Industrial Robotics and Robotic Maintenance	4		
	Total Credits	25-29		

Revised Date: 10/30/2015

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KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

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First Semester		
Course No.	Course Title	Credit
IMT 110	Industrial Maintenance Electrical Principles AND	3
IMT 111	Industrial Maintenance Electrical Principles Lab OR	2
ELT 110	Circuits I OR	(5)
EET 119	Basic Electricity	(5)
IMT 150	Maintaining Industrial Equipment I	3
IMT 151	Maintaining Industrial Equipment I Lab	2
FPX 100	Fluid Power AND	3
FPX 101	Fluid Power Lab OR	2
ELT 265	Applied Fluid Power	(3)
	Subtotal	13-15
Second Semester		
Course No.	Course Title	Credit
IMT 200	Industrial Robotics and Robotic Maintenance	4
IMT 220	Industrial Maintenance Electrical Motor Controls I AND	3
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	(2)
	Subtotal	8-9
Third Semester		
Course No.	Course Title	Credit
EET 276	Programmable Logic Controllers	2
EET 277	Programmable Logic Controllers Lab	2
	Subtotal	4
	Grand Total	25-28
Program Coordinator Notes: Progression in the Industrial Maintenance Technology program is contingent upon achievement of a grade of "C" or better in each technical course and maintenance of a 2.0 cumulative grade point average or better (on a 4.0 scale).		