

NKY FAME/Gateway Community & Technical College
Advanced Manufacturing Technologies (AMT) Curriculum

Year 1					
Fall	IET 1301	Safety Culture	1 credit hour(s)		
	BRX 120	Basic Blueprint Reading	3 credit hour(s)		
	CMM 110	Fundamentals of Machine Tool A	3 credit hour(s)		
	IMT 110/111	Industrial Maint. Electrical Principles	5 credit hour(s)		
	MAT 150	College Algebra	3 credit hour(s)	15 credit hour(s)	
Spring	FPX 100/101	Fluid Power	5 credit hour(s)		
	EET 270/271	Electrical Motor Controls I	4 credit hour(s)		
	EET 272/273	Electrical Motor Controls II	4 credit hour(s)		
	IET 1302	Workplace Organization	1 credit hour(s)	14 credit hour(s)	
Summer	IMT 150/151	Maintaining Industrial Equip	5 credit hour(s)		
	IMT 100/101	Welding for Maintenance	5 credit hour(s)		
	CIT 105	Intro to Computers	3 credit hour(s)		
	IET 1303	Total Production System Maint	1 credit hour(s)	14 credit hour(s)	
Year 2					
Fall	ENG 101	English I	3 credit hour(s)		
	EET 276/277	Programmable Logic Controllers	4 credit hour(s)		
	PHY 151	Introductory Physics I	3 credit hour(s)		
	HIS 240	History of Kentucky	3 credit Hour(s)		
	IET 1304	Problem Solving	1 credit hour(s)	14 credit hour(s)	
Spring	IMT 200	Industrial Robotics and Robotic Maint.	4 credit hour(s)		
	IMT 198	Practicum	2 credit hour(s)		
	IET 1305	Maintenance Reliability	1 credit hour(s)		
	IMT 289	Industrial Maint. Tech. Capstone	1 credit hour(s)		
	COM 181	Basic Public Speaking	3 credit hour(s)		
	COM 254	Intro to Intercultural Communication	3 credit hour(s)	14 credit hour(s)	
			71 credit hour(s)		
Credentials Earned:					
	<u>Certificates</u>				
	Electrician Trainee Level I				
	Industrial Maintenance Electrical Mechanic				
	Industrial Maintenance Mechanic Level I				
	Integrated Manufacturing Technologies				
	<u>Degree</u>				
	Associate of Applied Science (AAS):				
	Industrial Maintenance Technologies -				
	Advanced Manufacturing Technician Track				