

3-year Program		Harper College Registered Apprenticeship Program Curriculum Map AAS Degree: Manufacturing Technology / Industrial Maintenance Mechanic				Aug 2019- Mar 2022	
Fall 2019 = 9 credits		Fall 2020 = 11 credits		Fall 2021 = 9 credits			
MFT 102 Intro to Mfg & Safety	4 cr.	ELT 110 Introductory Electronics	4 cr.	MFT 123 Intro to CNC Machining		3 cr.	
MFT 104 Quality & Measurement	2 cr.	MFT 105 Machining Processes I	4 cr.	WLD 110 Welding I		3 cr.	
MTH 097 Technical Math (Gen Ed)	3 cr.	SPE 101 Speech (Gen Ed)	3 cr.	ELT 145 Variable Frequency Drives		2 cr.	
Start Date	End Date	Start Date	End Date	Start Date		End Date	
Spring 2020 = 11 credits		Spring 2021 = 9 credits		Spring 2022 = 12 credits			
MFT 108 Manufacturing Processes	3 cr.	ELT 120 Introductory Industrial Electronic Maintenance	2 cr.	ELT 215 Industrial Control Systems		4 cr.	
MFT 109 Intro to Mfg. Maintenance	2 cr.	MFT 120 Machining Processes II	4 cr.	WLD 210 Welding II		3 cr.	
MFT 134 Print Reading for Industry	3 cr.	PHI 150 Business Ethics (Gen Ed)	3 cr.	PSC 270 Global Politics (Gen Ed)		3 cr.	
ENG 101 English (Gen Ed)	3 cr.			ELT 143 Commercial Wiring		2 cr.	
Start Date	End Date	Start Date	End Date	Start Date		End Date	

6/17/2019

Total Credits earned: 61

This is a SAMPLE only – Courses subject to change

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