

3-year Program	Harper College Registered Apprenticeship Program Curriculum Map AAS Degree: Manufacturing Technology / Electromechanical Technician	Aug 2019 – Mar 2022
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Fall 2019 = 9 credits		Fall 2020 = 10 credits		Fall 2021 = 9 credits	
MFT 102 Intro to Mfg & Safety	4 cr.	ELT 110 Introductory Electronics	4 cr.	ELT 101 DC Network Analysis	4 cr.
MFT 104 Quality & Measurement	2 cr.	MFT 105 Machining Processes I	3 cr.	WLD 110 Welding I	3 cr.
MTH 097 Technical Math (Gen Ed)	3 cr.	SPE 101 Speech (Gen Ed)	3 cr.	ELT 135 Optics and Sensors	2 cr.
Start Date	End Date	Start Date	End Date	Start Date	End Date
Spring 2020 = 11 credits		Spring 2021 = 10 credits		Spring 2022 = 11 credits	
MFT 108 Manufacturing Processes	3 cr.	ELT 120 Introductory Industrial Electronics Maintenance	2 cr.	ELT 203 Digital Electronics	4 cr.
MFT 109 Intro to Mfg. Maintenance	2 cr.	MFT 120 Machining Processes II	3 cr.	ELT 102 AC Network Analysis	4 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 111 Semiconductor Devices And Circuits	2 cr.		
Start Date	End Date	Start Date	End Date	Start Date	End Date

6/20/2019

Total Credits earned: 60

This is a SAMPLE only – Courses subject to change