

YC & MICTED - Advanced Manufacturing Technology Program

at YC's Career and Technical Education Center



Monday - Thursday PM Program

PROGRAM CAP = 15 students



- Yavapai College credits are earned after completing the semester with a passing grade (C or better).
- HS credits will be awarded at the end of each semester

Advanced Manufacturing (HS title)					
Program	Courses	Term	HS Credits	YC Credits	Industry / 3rd Party Certification available for students to complete
Year 1 PM 1:15 - 3:45	CNC 101 - CNC Machine Operator	Sem 1 - Fall	0.75	2	HAAS CNC Operator Certificate HAAS CNC Tool Setter Certificate
	IPT 110 - Industrial Shop Practices		0.5	3	
	CNC 102 - CNC Machine Set Up	Sem 2 - Spring	0.5	2	
	MET 160 - Basic Machine Hydraulics and Pneumatics		0.75	2	
		Total Cr Yr1	2.5	9	
Year 2 PM 1:15 - 3:45	ELT 101 - Basic Electricity	Sem 3 - Fall	0.75	4	CSWA ISCET ESA-1 Exam Progress toward Yavapai College's AAS in Advanced Manufacturing
	IPT 261 - Machine Shop		0.5	3	
	ELT 130 - Intro to Robotics	Sem 4 - Spring	0.75	3	
	ELT 165 - Programmable Logic Controllers		0.5	2	
		Total Cr Yr2	2.5	12	
Total Credits Earned if the Program is Completed Successfully			5	21	Updated Feb. 4, 2021