

YC & VACTE - Advanced Manufacturing Technology Program



Monday - Thursday PM Program
PROGRAM CAP = 16 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 1:20 - 3:50	CNC 101 - CNC Machine Operator	Sem 1 - Fall	1.5	2	HAAS CNC Operator Certificate
	ELT 130 - Intro to Robotics	Sem 1 - Fall		3	
	CNC 102 - CNC Machine Set Up	Sem 2 - Spring	1.5	2	HAAS CNC Tool Setter Certificate
	MET 160 - Basic Machine Hydraulics and Pneumatics	Sem 2 - Spring		2	
		Total Cr Yr1	3	9	
Year 2 PM 1:20 - 3:50	ELT 101 - Basic Electricity	Sem 3 - Fall	1.5	4	CSWA ISCET ESA-1 Exam
	IPT 261 - Machine Shop	Sem 3 - Fall		3	
	IPT 110 - Industrial Shop Practices	Sem 4 - Spring	1.5	3	Progress toward Yavapai College's AAS in Advanced Manufacturing
	ELT 165 - Programmable Logic Controllers	Sem 4 - Spring		2	
		Total Cr Yr2	3	12	
Total Credits Earned if the Program is Completed Successfully			6	21	Updated April 26, 2021