Mechatronics Technology Program

	Mechatronics Technology Certificate: 5 WA Courses; 33 CCAC credits							
West Allegheny Course	Starting 9th grade	Starting 10th grade	Starting 11th grade	Starting 12th grade	CCAC courses	CCAC credits	Prerequisite	WA course type
0701 Home Systems	9th grade	10th grade	11th grade	12th grade	CCAC - EET 103: Intro to Electronics	3	None	Elective
					CCAC - EGR 181: Intro to Mechanical Systems	3		
0700 Manufacturing 1	9th/10th/11th/12th grade	10th/11th/12th grade	11th/12th grade	12th grade	CCAC - MEC 107: Manufacturing Tech: Math, Technology & Reasoning	3	None	Elective
					CCAC - MEC 109: Manufacturing Tech: Processes, Controls & Quality	3		
					CCAC - MEC 111: Mechatronics & Industry 4.0	3	None	Elective
0702 Fluid Systems	10th grade	11th grade	11th grade	12th grade	CCAC -MEC 156: Motors & Motor Control	3	None	Elective
					CCAC - EGR 170: Fluid Power Systems	3		
0716 Digital Electronics	11th grade	11th grade	12th grade		CCAC - MEC 106: Industrial Power Systems	3	None	Elective
					CCAC - EET 208: Digital Electronics	3		
0703 Power Systems	12th grade	12th grade	12th grade		CCAC - MEC 108: Program Logic Controllers	3	Home Systems (CCAC-EET 103)	Elective
					CCAC - MEC 112: Intro to Robotics	3		

*Courses/curriculum are subject to change at the college's discretion.

Updated January 2024