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
0704 Principles of Technology (starting 25-26 sy)	9th grade	10th grade	11th grade	12th grade	CCAC - MEC 111: Mechatronics & Industry 4.0	3	None	Elective
0701 Electrical & Mechanical 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		
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	Electrical & Mechanical Systems-Fab-Lab (CCAC-EET 103)	Elective
					CCAC - MEC 112: Intro to Robotics	3		

*Courses/curriculum are subject to change at the college's discretion.
Updated December 2024