

Maysville High School

Pathway: STEM

		Grade Level						
Courses		Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Academic Requirements	English	Ohio's New Learning Standards	Ohio's New Learning Standards	Ohio's New Learning Standards	CP English 9 Honors Eng 9	CP English 10 Honors Eng 10	CP English 11 English Comp I – 3 semester hours Literature of Crime – 3 semester hours	CP English 12 English Comp II – 3 semester hours British Literature – 3 semester hours
	Math	Ohio's New Learning Standards	Pre-Algebra Ohio's New Learning Standards	Algebra I	CP Geometry	CP Algebra II	College Algebra -- 4 semester hours Pre-Calculus – 5 semester hours	Pre-Calculus – 5 semester hours Statistics – 3 semester hours
	Science	Ohio's New Learning Standards	Ohio's New Learning Standards	Ohio's New Learning Standards	Physical Science CP Biology	CP Biology CP Chemistry	CP Chemistry General Biology – 4 semester hours	Physics Anatomy
	Social Sciences	Ohio's New Learning Standards	Ohio's New Learning Standards	Ohio's New Learning Standards	CP World Studies	CP US History Macroeconomics – 3 semester hours	Western Civilization I or II – 3 semester hours US History I – 3 semester hours US History II – 3 semester hours	American National Government – 3 semester hours Psychology – 3 semester hours Sociology – 3 semester hours

	Language other than English			Spanish I French I	Spanish II French II	Spanish III French III – 8 semester hours	Spanish IV Advanced French	Spanish V Advanced French
	Visual and Performing Arts	Intro to Art	Intro to Art	Music Band	Art Choir/Band	Ceramics Choir/Band	Choir/Band Drawing Intro to Theater—3 semester hours	Choir/Band Script Analysis – 3 semester hours
	College Preparatory Elective				Career Search		College Success Strategies – 1 semester hour	Speech
	Other Elective Requirements				Health PE			
Core Components	Technical Courses	Computer Applications	STEM	STEM	Intro to Engineering Intro to Microcomputers – 3 semester hours	Principles of Engineering	Robotics Digital Electronics	Civil Engineering
	Work-Based Learning Opportunities	Career Connections Resources	Ohio Means Jobs K-12 Field Trip to Local Higher Education	Career Speakers Career Center Visits Ohio Means Jobs K-12	Job Shadowing Ohio Means Jobs K-12 Career Speakers Field Trip to Local Higher Education	Job Shadowing Ohio Means Jobs K-12 Field Trip to Local Higher Education	Job Shadowing Ohio Means Jobs K-12 Field Trip to Higher Education College Fair	Job Shadowing Ohio Means Jobs K-12 Field Trip to Higher Education
	Courses	6	7	8	9	10	11	12

What types of jobs or career clusters are in this pathway? (Refer to Ohio Department of Education Career Pathways)

Mechanical Engineering Technology – www.zanestate.edu/programs/mechanical-engineering-technology

Civil Engineering Technology – www.zanestate.edu/programs/civil-engineering-technology

Industrial Maintenance Engineering Technology – www.zanestate.edu/programs/industrial-maintenance-technology

