

Engineering, Manufacturing and Industrial Technology

This four-year plan of study should serve as a guide as you develop your academic core requirements and electives.
All plans should meet CCHS graduation requirements.

9 th	10 th	11 th	12 th
• English (choose 1) English 9 Honors English 9	• English (choose 1) Intro to Comm/Intro to Lit Honors English 10	• English (choose 1) American Lit I/American Lit II Honors English 11	• English (choose 1) World Lit I/World Lit II AP English
• Math (choose 1) Algebra I B Algebra II Honors Algebra II	• Math (choose 1) Algebra II Algebra III & Geometry Honors Geometry	• Math (choose 1) Geometry Pre-Calculus & PCET Honors Pre-Calculus	• Math Math Electives (1.0 credit)
• Science (choose 1) Physical Science Honors Biology	• Science (choose 1) Biology Chemistry	• Science (choose 1) Chemistry Physics	• Electives
• Soc Studies American History	• Soc Studies Modern World History	• Soc Studies Modern American History I Modern American History II	• Electives
• Physical Education	• Physical Education	• Physical Education	Pathway Electives (up to 5.0 credits)
• World Language	• World Language	• Futures III	
• Art Appreciation	• Health Education	Pathway Electives (up to 3.0 credits)	
• Music Appreciation	• Futures II		
• Futures I	Pathway Electives (up to 1.5 credits)		
Pathway Electives (up to 1.5 credits)			

Courses above are graduation requirements (*)

Recommended Electives for this Pathway

Please Note: Before selecting any elective, be sure all prerequisites have been met.
Check the course description pages of this booklet for elective requirements.

9 th	10 th	11 th	12 th
Engineering Technology I Production Systems Graphics Desktop Publishing Basic Metal Plastic Technology Basic Woodworking CAD I CAD II Small Engines Astronomy Intro to Business Beginning Keyboarding Accounting Agricultural Science I	All 9th grade electives plus the following: Principles of Architecture Land Surveying Probability and Statistics Physics Engineering Technology II Advanced Engineering Technology I Programming in C++ Digital Graphics Advanced Metal Advanced Woodworking Economics Agricultural Science II Street Law Sociology I Sociology II Problems of the Modern World Ecology American Legal Systems Web Design Web Graphics and Animation Forest and Wildlife Science Natural Resources Journalism	All previous grade level electives plus the following: AP Physics Advanced Engineering Technology II Chemistry II Agricultural Science III Intro to Design and Production Bio-Ethics Business Math Spanish I, II, III, or IV German I, II, or III Small Business Management Advanced Multimedia Computer Applications Video Production Management Seminar	All previous grade level electives plus the following: German IV Agricultural Science IV Work Experience in Related Field School-Based Internship

Note: The recommended pathway electives are to be used as a guide. Students must take at least 4 credits in their chosen pathway and 2 credits outside of their chosen pathway to meet graduation requirements.

