

MCHS Core Course Experiences

4-Year Plan

At Mt. Carmel High School, we strive for all our students to **maximize their choices** upon graduation. To accomplish this goal, we expect all students to enroll in the MCHS Core Course Experiences.

A-G courses + 1 Career/Technical Ed Course + 1 AP course

9th Grade Year		
Fall Trimester	Winter Trimester	Spring Trimester
Integrated Math 1a	Integrated Math 1b	Integrated Math 2a
HS English 1	Biology 1	HS English 2
Spanish 1	Spanish 2	Biology 2
Freshman PE	Freshman PE	Freshman PE
Intro Engin. Design 1	Intro Engin. Design 2	Health
10th Grade Year		
Fall Trimester	Winter Trimester	Spring Trimester
Integrated Math 2b	Integrated Math 3a	Integrated Math 3b
HS English 3	HS English 4	Spanish 4
Fund. Chemistry	Chemistry 1	Chemistry 2
World History 1	Fitness & Conditioning	World History 2
Spanish 3	Hon.Prin. Engrng. 1 ❖	Hon.Prin. Engrng. 2 ❖
11th Grade Year		
Fall Trimester	Winter Trimester	Spring Trimester
Honors Pre -Calc 1 ❖	Honors Pre-Calc 2 ❖	Theater Tech 2
American Lit 1	Theater Tech 1	American Lit 2
US History 1	US History 2	Psychology
AP Physics 1A ❖	AP Physics 1B ❖	AP Physics C Mech 1 ❖
Spanish 5	Off-roll	Spanish 6
12th Grade Year		
Fall Trimester	Winter Trimester	Spring Trimester
Expos Read/Write 1	Expos Read/Write 2	Economics
AP Calculus AB ❖	AP Calc AB ❖	AP Calc AB ❖
Civics	Enginrg. Design Dev 1 ❖	Enginrg. Design Dev 2 ❖
AP Physics C Mech. 2	AP Physics C E&M 1 ❖	AP Physics C E&M 2
Auto Tech 1	Auto Tech 2	Off –roll

EXAMPLE: PLTW ENGINEERING PATHWAY

Use the check list below to plan your MCHS Core Course Experiences.

- UC A-G Subject Requirements (*light shading*)
- UC A-G Recommended Subjects (*dark shading*)
- Each box = 1 trimester/5 credits

TOTAL CREDITS REQUIRED 230

A World History— 10th grade	5	5							
A US History— 11th grade	5	5							
A Civics/Economics— 12th grade	5	5							
B English	5	5	5	5	5	5	5	5	5
C Math	5	5	5	5	5	5	5	5	5
D Lab Science (Bio/Chem/Physics)	5	5	5	5	5	5			
E Language other than English	5	5	5	5	5	5			
F Visual/Performing Art	5	5							
G College Electives ❖ = any A-F course beyond the minimum requirement	5	5							
Health High School Requirement	5								
PE High School Requirement	5	5	5	5					
Career/Technical Ed Course CTE <i>Core experience</i>	5								
AP Course All 3 trimesters <i>Core experience</i>	5	5	5						
Electives—85 credits total—any course in any subject area beyond the minimum requirement counts as elective credit.									

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