

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
3D Comp. Animation 1	Health	Intro Computer Science
10th Grade Year		
Fall Trimester	Winter Trimester	Spring Trimester
Integrated Math 2b	Integrated Math 3a	Integrated Math 3b
HS English 3	HS English 4	Fitness & Conditioning
Fund of Chemistry	Chemistry 1	Chemistry 2
3D Comp. Animation 2	World History 1	World History 2
Spanish 3	Spanish 4	Intro Comp. Program 1
11th Grade Year		
Fall Trimester	Winter Trimester	Spring Trimester
Trigonometry ❖	Honors Pre-Calc 1	Honors Pre Calc 2 ❖
American Literature 1	3D Computer Anim 3 ❖	American Literature 2
US History 1	Sociology	US History 2
AP Computer Sci. A1	AP Computer Sci. A2	Intro Comp. Program 2
Spanish 5 ❖	Spanish 6 ❖	Off-Roll
12th Grade Year		
Fall Trimester	Winter Trimester	Spring Trimester
Auto Tech 1	Auto Tech 2	Expos Read/Write 2
AP Physics 1A ❖	AP Physics 1B ❖	AP Physics Mech 1 ❖
Civics	Expos Read/Write 1	Economics
AP Calc AB ❖	AP Calc AB ❖	AP Calc AB ❖
Possible CSCI 210 Data Structures* Concurrent enrollment Palomar College		

EXAMPLE: PLTW COMPUTER SCIENCE 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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