

PHS Engineering Academy / Pathway 4-Year Plan

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

A-G courses + 4 Engineering Pathway Courses + 1 AP course

9th Grade Year		
Trimester 1	Trimester 2	Trimester 3
Honors HSE 1	Honors Biology 1	Honors HSE 2
Spanish 3	Spanish 4	Honors Biology 2
Int Math 2a	Int Math 2b	Int Math 3a
Intro to Eng Des 1 (IED)	Intro to Design 1 (ID)	Intro to Design 2 (ID)
Freshman PE	Freshman PE	Freshman PE
10th Grade Year		
Trimester 1	Trimester 2	Trimester 3
Honors Humanities 1	Honors Humanities 2	Health
APEC 1	APEC 2	APEC Seminar
Int Math 3b	Hon Pre Calc 1	Hon Pre Calc 2
Chemistry 1	Spanish 5	Chemistry 2
Intro to Eng Des 2 (IED)	Principles of Eng 1 (POE)	Principles of Eng 2 (POE)
11th Grade Year		
Trimester 1	Trimester 2	Trimester 3
American Lit 1	American Lit 2	Soccer PE
AP US Hist 1	AP US Hist 2	AP US Hist Seminar
AP Calc AB 1	AP Calc AB 2	AP Calc AB Seminar
Pre-Eng & Design 1	CIM or CEA or AP CSP 1	CIM or CEA or AP CSP 2
Spanish 6	Spanish 7	Spanish 8
12th Grade Year		
Trimester 1	Trimester 2	Trimester 3
AP Lit 1	AP Lit 2	AP Lit Seminar
AP Gov 1	AP Gov 2	AP Gov Seminar
Bridge to BC	AP Calc BC 1	AP Calc BC 2
AP Physics C 1	AP Physics C 2	AP Physics C Seminar
Pre-Eng & Design 2	Engineering Design & Dev	Engineering Design & Dev

EXAMPLE/SAMPLE: Engineering Academy with Honors—AP

Use the check list below to plan your **PHS 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
C Math	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 (Robotics)	5	5	5	5	5	5	5	5
Health	5							
PE	5	5	5	5				
CTE - Engineering Pathway	5	5	5	5	5	5	5	5
AP course	5	5	5					
Electives—85 credits total Any course in any subject area above the minimum requirement, counts as elective.	5	5	5	5	5	5	5	5

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