

# 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
French 1	HSE 1	HSE 2
Integrated Math Ia	Integrated Math Ib	Integrated Math IIa
Biology 1	French 2	Biology 2
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
World History 1	French 3	World History 2
Health	HSE 3	HSE 4
Integrated Math IIb	Integrated Math IIIa	Integrated Math IIIb
Chemistry 1	Chemistry 2	French 4
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
US History 1	American Lit 1	US History 2
Honors Pre-Calc 1	Honors Pre-Calc 2	3D Comp Animation 2
French 5	French 6	American Lit 2
3D Comp Animation 1	Physics 1	Physics 2
Pre-Eng & Design 1	CIM or CEA or AP CSP 1	CIM or CEA or AP CSP 2
12th Grade Year		
Trimester 1	Trimester 2	Trimester 3
Soccer PE	Civics	Econ
AP Calc AB 1	AP Calc AB 2	AP Calc AB Seminar
World Lit 1	Off Roll	World Lit 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 Pathway or Academy TYPICAL

Use the check list below to plan your PHS Core Course Experiences.								
<ul style="list-style-type: none"> <li>UC A-G Subject Requirements (<i>light shading</i>)</li> <li>UC A-G <u>Recommended</u> Subjects (<i>dark shading</i>)</li> <li>Each box = 1 trimester/5 credits</li> </ul>								
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						
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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