

# 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 HSE 2	Freshman PE
Biology 1	Freshman PE	Biology 2
Int Math 2a	Int Math 2b	Int Math 3a
Band	Band	Band
Marching PE	Intro to Eng Design 1 (IED)	Intro to Eng Design 2 (IED)
10th Grade Year		
Trimester 1	Trimester 2	Trimester 3
Honors Humanities 1	Honors Humanities 2	Chemistry 2
Int Math 3b	Honors Pre Calc 1	Honors Pre Calc 2
Chemistry 1	World History 1	World History 2
Band	Band	Band
Marching PE	Principles of Eng 1 (POE)	Principles of Eng 2 (POE)
11th Grade Year		
Trimester 1	Trimester 2	Trimester 3
American Lit 1	US Hist 1	US Hist 2
AP Calc AB	AP Calc AB	American Lit 2
AP Physics C 1	AP Physics C 2	Spanish 1
Band	Band	Band
Marching PE	CIM or CEA or AP CSP 1	CIM or CEA or AP CSP 2
12th Grade Year		
Trimester 1	Trimester 2	Trimester 3
Spanish 2	Expository Writing 1	Expository Writing 2
Civics	Spanish 3	Econ
AP Calc BC 1	AP Calc BC 2	Spanish 4
Band	Band	Band
Marching PE	Engineering Design & Dev	Engineering Design & Dev

## EXAMPLE/SAMPLE: Engineering, BAND (& Wind Ens.) 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

<b>A World History—10th grade</b>	5	5						
<b>A US History—11th grade</b>	5	5						
<b>A Civics/Economics—12th grade</b>	5	5						
<b>B English</b>	5	5	5	5	5	5	5	5
<b>C Math</b>	5	5	5	5	5	5	5	5
<b>D Lab Science (Bio/Chem/Physics)</b>	5	5	5	5	5	5		
<b>E Language other than English</b>	5	5	5	5	5	5		
<b>F Visual/Performing Art</b>	5	5						
<b>G College Electives (Robotics)</b>	5	5	5	5	5	5	5	5
<b>Health**</b>	5							
<b>PE</b>	5	5	5	5				
<b>CTE - Engineering Pathway</b>	5	5	5	5	5	5	5	5
<b>AP course</b>	5	5	5					
<b>Electives—85 credits total</b> Any course in any subject area above the minimum requirement, counts as elective.	5	5	5	5	5	5	5	5

\*\*NOTE: In order to fit all Engineering Academy / Pathway classes into a 4 year plan with Marching PE and Band, you will need to complete Health during the summer. Please see your counselor for recommendations and approved courses at other institutions. Some are FREE of charge.

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