

SUGGESTED 4-YEAR COURSE OF STUDY
RHS ENGINEERING - PLTW
 Class of 2024

FRESHMAN YEAR	COMMENTS
English 1 (Honors)	REQUIRED
World History I (Honors / AP)	REQUIRED
Math 3 (Honors) / Math 2 / Math 1	4 Math Classes Required
Biology (Honors) OR Earth/Environmental Science	REQUIRED
Introduction to Engineering Design	REQUIRED
Physical Education - Health	REQUIRED
CS Essentials	Elective
AP Human Geography / Band / Chorus / Orchestra	Elective

SOPHOMORE YEAR	COMMENTS
English 2 (Honors)	REQUIRED
American History (Honors), American History 1, American History 2, OR AP US History	REQUIRED
Pre-Calculus (Honors) / Math 3 / Math 2	4 Math Classes Required
Chemistry 1 (Honors)	
Principles of Engineering	REQUIRED
French / Latin / Spanish 1	Recommend both same year
French / Latin / Spanish 2	Recommend both same year
Public Speaking / Creative Writing / CS Principles	Elective

JUNIOR YEAR	COMMENTS
English 3 (Honors / AP)	REQUIRED
Civics and Economics (Honors), Civic Literacy (Honors) OR AP Government	REQUIRED
AP Calculus (AB/BC – 2 Semesters) / Pre-Calculus / AP Statistics	4 Math Classes Required
Earth Science / APES OR Biology (Honors)	REQUIRED
Digital Electronics	REQUIRED
AP Biology / HN Anatomy and Physiology	Elective
Public Speaking / AP Macroecon / AP Psychology	Elective
CyberSecurity	Elective

SENIOR YEAR	COMMENTS
English 4 (Honors / AP)	REQUIRED
AP Calculus (AB/BC – 2 Semesters) / AP Statistics	4 Math Classes Required
Physics (Honors / AP)	Elective
Civil Engineering and Architecture, Aerospace Engineering, Computer Integrated Manufacturing, Computer Science Applications	1 REQUIRED/others are optional
Economics and Personal Finance (Honors)	REQUIRED