



PITTSBURG HIGH SCHOOL ADVISING GUIDE

12th Grade

Student Name: _____

Perm ID#: _____ Counselor: _____

Please Note:

- Each class listed below is a year-long class unless otherwise noted.
- Make all considerations based on student’s transcript.
- AP = Advanced Placement
- ➡ Denotes sequential classes.
- Select 1 alternate for PE and Elective classes.
- Feel free to write on this form.
- Course selection may be changed due to availability.

ELA (English Language Arts): 4 years required		12 th grade options (choose 1)
(B) Choices:	ERWC (English 4, College Prep)	AP English Literature
	African American Literature	Creative Writing

Math: 3 years required, 4 years recommended		12 th grade options (choose 1)
(C) Choices:	Geometry	
	Algebra 2	
	Algebra 2 + Pre-Calculus	
	Statistics	OR AP Statistics
	Pre-Calculus	OR Honors Pre-Calculus
	Calculus	OR AP Calculus AB <i>(passage of Pre-Calc or equivalent recommended)</i>
	AP Calculus BC <i>(passage of AP Calc AB recommended)</i>	
AP Computer Science A <i>(part of Systems Programming pathway)</i>		

Science: 2 years required, 3 years recommended		12 th grade options
(D) Choices:	AP Chemistry <i>(passage of Chemistry recommended)</i>	
	Physics OR AP Physics 1 OR AP Physics C <i>(concurrent enrollment in Calculus is recommended)</i>	
	AP Biology <i>(passage of Biology recommended)</i>	
	AP Environmental Science	
	Anatomy and Physiology <i>(passage of Biology recommended)</i>	
	Computer Science Discoveries <i>(part of Web and Social Media, and Systems Programming pathways)</i>	
	Principles of Engineering <i>(part of Engineering Technology pathway)</i>	➡ Civil Engineering and Architecture <i>(passage of Principles of Engineering recommended, part of the Architectural Design pathway)</i>
		➡ Aerospace Engineering <i>(passage of Principles of Engineering recommended, part of Engineering Technology pathway)</i>
		➡ Engineering Research and Development <i>(passage of Principles of Engineering recommended, part of the Architectural Design pathway)</i>
	Medical Interventions <i>(part of the Biomedical pathway)</i>	
	Sports Medicine <i>(part of Patient Care pathway)</i>	
Digital Electronics <i>(part of Engineering Design pathway)</i>		
Computer Integrated Manufacturing <i>(part of Engineering Technology pathway)</i>		

Social Science/History: 2 years required		12 th grade options (choose 1)
(A) Choices:	American Government and Economics	OR AP Government & Politics U.S. and Economics

Physical Education: 2 years required			12 th grade options
Choices:	Team Sports	Weight Training	Dance
	Team Sports Soccer	Team Sports Basketball	Fitness & Conditioning

World Languages: 2 years required, 3 years are recommended			12 th grade options
(E) Choices Indicate language level	Spanish (Level 1, 2, 3, or 4)	OR	Spanish AP Language and Culture
	Spanish for Spanish Speakers (Level 2, 3, 4, or 5)		Spanish AP Literature and Culture
	French (Level 1, 2, or 3)	Italian (Level 1, 2, or 3)	Mandarin (Level 1, 2, 3)

Yearlong Electives		12 th grade options
(F) Choices:	Digital Photography	➡ Advanced Photography (<i>part of Visual/Commercial Arts pathway</i>)
	Digital Recording Studio (<i>part of Media Arts pathway</i>)	➡ Audio Production Technologies (<i>part of Media Arts pathway</i>) Meets UC/CSU G requirement
	Intro to Design (<i>part of all Engineering pathways</i>)	
	Art of Video Production (<i>part of the Film/Video Production pathway</i>)	
	Intro to Theater	➡ Acting Workshop (<i>requires Intro to Theater or teacher recommendation</i>)
		➡ Stagecraft (<i>requires Intro to Theater or teacher recommendation</i>)
		➡ Directing (<i>requires Intro to Theater or teacher recommendation</i>)
	Computer Graphic Arts	➡ Advance Graphic Design
	Designs for the Web (<i>part of Web and Social Media Programming and Design pathway</i>)	
	Beginning Art	➡ Intermediate Art (<i>requires Beginning Art or teacher recommendation</i>)
➡ Ceramics (<i>requires Beginning Art or teacher recommendation</i>)		
Concert Choir (<i>year 2 of choir program</i>) (<i>permission-only class</i>)		
Dance		
(G) Choices:	Robotics (<i>after school course only</i>)	
	Construction Technology	
	AP Human Geography (<i>meets CSU/UC A requirement</i>)	
	Broadcast Journalism (<i>part of Film/Video Production pathway</i>)	
	AP Psychology	
	Public Health Solutions Honors (<i>part of Health Science and Medical Technology pathways</i>)	
	Commercial Drone Pilot	
Electives that do not fulfill A-G requirements	Auto 1 (<i>pre-requisite</i>)	➡ Advance Auto Shop (<i>part of Systems Diagnostics and Services pathway</i>)
	Yearbook	
	Medical Terminology	
	Vocal Ensemble (<i>year 1 of choir program</i>)	
	Music Appreciation	
	Wood 1 (<i>part of Residential and Commercial Construction pathway</i>)	
	AP Computer Science Principles (<i>part of Web and Social Media Programming Design pathway</i>)	
	Advanced Sports Medicine (<i>part of Patient Care pathway</i>)	
	Gaming	
E&A Tech Vehicles		