



PITTSBURGH HIGH SCHOOL ADVISING GUIDE 12th Grade (page 1 of 2)

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		12th grade options (choose 1)
(B) Choices:	ERWC (English 4)	AP English Literature
	African American Literature	Creative Writing

Math: 3 years required, 4 years recommended		12th 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		12th grade options	
(D) Choices:	Anatomy and Physiology <i>(passage of Biology recommended)</i>		
	AP Biology <i>(passage of Biology recommended)</i>		
	AP Chemistry <i>(passage of Chemistry recommended)</i>		
	AP Computer Science Principles <i>(part of Web and Social Media Programming Design pathway)</i>		
	AP Environmental Science		
	Computer Integrated Manufacturing Honors <i>(part of Engineering Technology pathway)</i>		
	Computer Science Discoveries <i>(part of Web and Social Media, and Systems Programming pathways)</i>		
	Digital Electronics Honors <i>(part of Engineering Design pathway)</i>		
	Human Body Systems Honors		
	Medical Interventions Honors <i>(part of the Biomedical pathway)</i>		
	Physics OR AP Physics 1 OR AP Physics C <i>(concurrent enrollment in Calculus is recommended)</i>		
	Principles of Engineering <i>(part of Engineering Technology pathway)</i>	➡	Civil Engineering and Architecture Honors <i>(passage of Principles of Engineering recommended, part of the Architectural Design pathway)</i>
		➡	Aerospace Engineering Honors <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>	
Sports Medicine <i>(part of Patient Care pathway)</i>			

Social Science/History: 2 years required		12th 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:	Dance	Team Sports Soccer	Team Sports
	Unified Sports	Weight Training	Yoga
	JROTC – Junior Reserve Officer’s Training Corps		

World Languages: 2 years required		12 th grade options	
(E) Choices Indicate language level	French (Level 1, 2, 3, or 4)	Italian (Level 1, 2, 3, or 4)	Mandarin (Level 1, 2, 3 or 4)
	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

Yearlong Electives		12 th grade options		
(F) Choices:	Art of Video Production <i>(part of the Film/Video Production pathway)</i>			
	Beginning Art	➡	Intermediate Art <i>(requires Beginning Art or teacher recommendation)</i>	
		➡	Ceramics <i>(requires Beginning Art or teacher recommendation)</i>	
	Computer Graphic Arts	➡	Advance Graphic Design	
	Concert Choir <i>(year 2 of choir program) (permission-only class)</i>			
	Dance			
	Designs for the Web <i>(part of Web and Social Media Programming and Design pathway)</i>			
	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) Meets UC/CSU G requirement</i>	
	Game Design and Development			
	Intro to Design <i>(part of all Engineering pathways)</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>	
	Jazz Band			
	Marching Band			
	(G) Choices:	Academic Decathlon		
		AP Human Geography <i>(meets CSU/UC A requirement)</i>		
		AP Psychology		
		Broadcast Journalism <i>(part of Film/Video Production pathway)</i>		
Commercial Drone Pilot				
Construction Technology 1		➡	Advanced Construction Technology 1	
Ethnic Studies				
LMC - Criminal Justice, Fall		LMC - Drama, Spring	LMC - English 100, Fall	LMC - Statistics, Spring
Public Health Solutions Honors <i>(part of Health Science and Medical Technology pathways)</i>				
Robotics <i>(after school course only)</i>				
Electives that do not fulfill A-G requirements	Advanced Sports Medicine <i>(part of Patient Care pathway)</i>			
	Auto 1 <i>(pre-requisite)</i>	➡	Advance Auto Shop <i>(part of Systems Diagnostics and Services pathway)</i>	
	Barbering			
	E&A Tech Vehicles			
	Law Enforcement			
	Medical Terminology			
	Music Appreciation			
	Vocal Ensemble <i>(year 1 of choir program)</i>			
Yearbook				