



PEMBROKE HIGH SCHOOL ELECTIVES 2024-2025

Courses highlighted in yellow indicate new course offerings for the 2024-2025 school year

Pathway Designations Marked in Column A - COMPUTER SCIENCE (CSP) BUSINESS & ENTREPRENEURSHIP - (BEP), DIGITAL ARTS (DAP), BIOMEDICAL (BMP), ENGINEERING (EMTP), MUSIC (MUP), GLOBAL CITIZENSHIP & LEARNING (GCP), INFORMATION TECHNOLOGY (ITP)

PATHWAY DESIGNATION	ART ELECTIVES	CREDITS	GRADE	PREREQUISITES	NEW COURSES
	Ceramics	2	9-12	None	
	Ceramics 2	2	9-12	Successful completion of Ceramics	
BEP, CSP, DAP, ITP	Digital Arts I	2	9-12	None	
DAP	Digital Arts II	2	9-12	Successful completion of Digital Arts I	
DAP	Digital Arts III	2	10-12	Successful completion of Digital Arts II	
DAP	Digital Arts IV Honors & CP	4	10-12	Successful completion of Digital Arts III or teacher recommendation	
DAP	Digital Capstone V Honors & CP	4	11-12	Successful completion of Digital Arts III	
DAP	Digital Photography	2	9-12	None	
DAP	Studio Art I	2	9-11	None	
	Studio Art II	4	10-12	Successful completion of Studio Art I or teacher recommendation	
	Honors Studio Art I	4	9-10	Teacher recommendation only	
BEP, CSP, DAP, ITP	Multimedia Design	2	9-12	None	
	Painting	2	9-12	Successful completion of Studio Art I or teacher recommendation	
	Printmaking	2	9-12	Successful completion of Studio Art I or teacher recommendation	
DAP	Introduction to 3D Animation	4	10-12	None	
CSP, DAP, ITP	3D Printing & Product Design	2	9-12	Successful completion of Digital Arts I	
	3D Design	2	9-12	Successful completion of Studio Art I or teacher recommendation	
	Portfolio Prep	4	11-12	B- or better in Studio Art II or Honors Pre-AP Studio Art	
	Honors Art Major	4	12	B- or better in Portfolio Preparation and teacher recommendation	
	Honors Pre-AP Studio Art	4	10-11	B- or better in Honors Studio Art I or teacher recommendation	
	AP Studio Art: 2D Design Portfolio	4	12	B- or better in Portfolio Presentation	
BUSINESS ELECTIVES		CREDITS	GRADE	PREREQUISITES	
BEP,	Exploring Business	2	9-10	None	
BEP, BMP, CSP, DAP, EMTP, ITP	Business Communication	2	9-12	None	
BEP,	Introduction to Accounting	2	10-12	None	
BEP,	Introduction to Marketing	2	10-12	None	
BEP,	Financial Literacy	2	11-12	None	
BEP, EMTP, ITP	Microsoft Certification for Business Applications	2	9-12	None	
BEP,	Honors Strategic Marketing & Entrepreneurship	4	11-12	None	
ENGLISH		CREDITS	GRADE	PREREQUISITES	
	Introduction to Journalism	2	9-12	None	
BEP,	21st Century Leadership Skills	2	9-12	None	
BEP,	Speech & Debate	2	10-12	None	
	Creative Writing	2	10-12	None	
ENGINEERING		CREDITS	GRADE	PREREQUISITES	
EMTP	PLTW Introduction to Engineering Design Honors/CP	4	9-12	NONE	
EMTP	PLTW Principles of Engineering Honors/CP	4	10-12	Successful Completion of PLTW Introduction to Engineering Design	24-25
MATHEMATICS		CREDITS	GRADE	PREREQUISITES	
CSP, ITP	Student Technology Innovation/Help Desk	2	9-12	None	
BEP, CSP, DAP, EMTP, ITP	Exploring Computer Science Programming	2	9-12	None	
CSP, EMTP, ITP	Exploring Computer Science Robotics	2	9-12	None	
CSP, ITP	Cyber Security	2	9-12	Successful completion of Exploring Computer Science Programming	
CSP, ITP	Advanced Computer Science Robotics	2	10-12	Successful completion of Exploring Computer Science Robotics	
CSP, ITP	AP Computer Science Principles	4	10-12	Successful completion of Exploring Computer Science	
CSP,	AP Computer Science A	4	11-12	Successful completion of Exploring Computer Science or teacher recommendation	
BEP, CSP,	AP Statistics	4	11-12	B- or better in Algebra II (Honors or CP) or teacher recommendation. A T1-83 or T1-84 plus graphing calculator is required for this course	
MUSIC		CREDITS	GRADE	PREREQUISITES	
MUP	Concert Choir	4	10-12	None	
	Ninth Grade Treble Choir	4	9	None	
MUP	Ninth Grade Band	4	9	Two years of study on a band instrument or teacher recommendation	
MUP	Concert Orchestra	4	9-12	Two years of study on a string instrument (violin, viola, cello, or string bass) or teacher recommendation	
	Fundamentals of Music	2	9-12	Teacher Recommendation	
MUP	Guitar Lab	2	9-12	None	
MUP	Guitar Lab II	2	9-12	Successful completion of Guitar Lab I	
MUP	Music Theory I	2	9-12	None	
MUP	Piano Lab I	2	9-12	None	
MUP	Piano Lab II	2	9-12	Successful completion of Piano Lab I	
MUP	Honors Chamber Singers	4	10-12	Singing Audition and teacher recommendation	
MUP	Concert Band	4	10-12	Two years of study on a band instrument or teacher recommendation	
MUP	Honors Wind Ensemble	4	10-12	Playing audition and teacher recommendation	
MUP	Honors Music Major	4	11-12	Enrollment in an honors level ensemble class or teacher recommendation	
SCIENCE		CREDITS	GRADE	PREREQUISITES	
BMP	Environmental Engineering	2	11-12	Successful completion Biology and Chemistry and teacher recommendation	
	Forensic Science	2	11-12	Successful completion Biology and Chemistry and teacher recommendation	
	Marine Biology	2	10-12	Successful completion Biology	
	Zoology	2	10-12	Successful completion Biology	

	Honors Anatomy & Physiology	4	11-12	B- or better in Honors Biology and Honors Chemistry, or A- or better in CP Biology and CP Chemistry, and teacher recommendation.	
	Honors Physics	4	11-12	B- or better in Honors Chemistry or A- or better in Chemistry CP and successful completion of Algebra II and concurrently enrolled in Pre-Calculus and teacher recommendation	
BMP	Physics CP	4	11-12	Successful completion of Algebra I, Geometry and concurrently enrolled in Algebra II and teacher recommendation	
BMP	AP Biology	4	11-12	B- or better in Honors Biology or A in Biology CP or B or better in Honors Chemistry or A in Chemistry CP and teacher recommendation	
BMP	AP Chemistry	4	11-12	B- or better in Honors Chemistry or A or better in CP Chemistry; A or better in CP Algebra II, B- or better in Honors Algebra II or teacher recommendation	
BMP	PLTW Principles of Biomedical Science College Prep & Honors	4	9-12	None	
BMP	PLTW Human Body Systems College Prep & Honors	4	10-12	Successful completion of Principles of Biomedical Science	24-25
BMP,CSP	AP Physics C	4	11-12	B- or better in Honors Physics or A in Physics CP or teacher recommendation. Successful completion of Pre-calculus and concurrently be enrolled in Calculus.	
	SOCIAL STUDIES	CREDITS	GRADE	PREREQUISITES	
BEP, GCP	Principles of Economics CP/ Honors	4	9-12	NONE	
GCP	Genocide in History	2	9-12	NONE	
	History of Modern Music	2	9-12	NONE	
GCP	Honors Model United Nations I & II	4	9-10	B- or better in previous Honors Social Studies course, or A- or better in previous CP Social Studies Course, and teacher recommendation	
GCP	Honors Model United Nations III & IV	4	11-12	Successful completion of Honors Model UN Nations I & II and teacher recommendation	
	United States Government	2	9-12	NONE	
	Street Law	2	10-12	NONE	
	Psychology	2	11-12	NONE	
	Sociology	2	11-12	NONE	
GCP	AP US History: The Age of Exploration to the Present	4	11-12	B or Better in Honors US History 1 or II; A or better in US History 1 or II CP and teacher recommendation	
GCP	AP European History	4	12	B- or better in AP U.S. History, or B or better in Honors U.S. History I or II, A or better in US History I or II CP, and teacher recommendation	
GCP	AP Modern World History	4	10-12	B or better in Honors World History, US History 1/II, A or better in World History CP, US History 1/II and teacher recommendation	24-25
	AP Government & Politics	4	11-12	B- or better in AP US History, or B or better in Honors U.S. History I or II, A or better in US History I or II CP, and teacher recommendation	
	AP Psychology	4	11-12	NONE	
	WELLNESS	CREDITS	GRADE	PREREQUISITES	
	Personal Fitness	2	10-12	NONE	
	Lifetime Recreational Sports	2	10-12	NONE	
	Alternative Fitness	2	10-12	NONE	
	WORLD LANGUAGE	CREDITS	GRADE	PREREQUISITES	
GCP	Arabic I	4	11-12	Successful completion B- or better in Spanish 3 CP 3/ Honors or Latin CP 3/Honors or French CP 3/ Honors	
GCP	Arabic 2 CP/Honors	4	12	Successful completion of Arabic I and teacher recommendation Honors: B- or better in Arabic I and teacher recommendation	
	French I	4	9-12	NONE	
	French II CP/Honors	4	9-12	CP: Successful completion of French I and teacher recommendation/ Honors: B- or better in Honors French I and teacher recommendation	
	French III CP/Honors	4	10-12	CP: Successful completion of French II and teacher recommendation/ Honors: B- or better in Honors French II and teacher recommendation	
All Pathways	French IV CP/Honors	4	11-12	Successful completion of French III and teacher recommendation/Honors: B- or better in Honors French III and teacher recommendation	
All Pathways	AP French	4	12	B or better in Honors French IV or teacher recommendation	
	Latin I	4	9-12	NONE	
	Latin II CP/Honors	4	9-12	CP: Successful completion of Latin I and teacher recommendation Honors: A- or better in Latin I and teacher recommendation	
	Latin III CP/Honors	4	10-12	CP: Successful completion of Latin II and teacher recommendation / Honors: B- or better in Honors Latin II and teacher recommendation	
	Latin IV H	4	11-12	B- or better in Honors Latin III or teacher recommendation	
	Latin IV/V (A/ B Alternating Years)	4	11-12	Successful completion of Latin III or Honors Latin IV and teacher recommendation	
	AP Latin	4	12	B or better in Honors Latin IV or teacher recommendation	
BMP	Latin for Medical Terminology	2	11-12	NONE	
	Latin for Law & Government	2	11-12	NONE	
	Spanish I	2	9-11	NONE	
	Spanish II CP/Honors	4	9-12	CP: Successful completion of Spanish I / Honors: A- or better in Spanish I and teacher recommendation	
	Spanish III CP/Honors	4	10-12	CP: Successful completion of Spanish II and teacher recommendation / Honors: B- or better in Honors Spanish II and teacher recommendation	
All Pathways	Spanish IV CP/Honors	4	10-12	CP: Successful completion of Spanish III and teacher recommendation / Honors: B- or better in Honors Spanish III and teacher recommendation	
	Spanish V	4	11-12	Successful completion of Spanish IV/V and teacher recommendation	
All Pathways	AP Spanish	4	12	B or better in Honors Spanish IV and teacher recommendation	
All Pathways	World Language or AP Language	4	11-12		24-25