

Course Selection for 2024-2025

Class of 2025 : Rising Seniors



Today's Agenda

- Introduction - Ms. Akins, Counseling Department Chair
- Presentation - Mr. Reinemann and Ms. Vance, Counselors
- Graduation Requirements
- Typical 12th grade schedule
- Things to Keep in Mind
- Entering Courses in PowerSchool
- Next Steps
- Courses by Subject Area
- CTE Courses and Programs by Application
- NCAA Eligibility
- Other scheduling options
- Conclusion - Counselors

Graduation Requirements

English	4.0 credits	
Math	4.0 credits =	1.0 Algebra 1, 1.0 Geometry, 1.0 Algebra 2, 1.0 Math elective (must have at least a semester of math in senior year)
Science	3.0 credits =	1.0 Biology, 1.0 Earth Science .5 Chemistry 1 / .5 Physics 1
Social Studies	3.0 credits =	1.0 World History 1.0 US History .5 US Government / .5 Economics
World Language	2.0 credits (same language) or 1.0 credit WL and 1.0 credit approved CTE	
Art	1.0 credit	
Health	0.5 credit	
Personal Fitness	0.5 credit	

A Typical 12th Grade Schedule Would Include

1.0 English (recommend literature-based English course for college bound students)

1.0 Math

1.0 Science

1.0 World Language or Social Studies

2.0 Remaining grad. requirements or electives to equal 6 class hours...could be a mix of special programs, Community Resource (CR) classes, online classes through A2 Virtual, dual enrollment classes, split enrollment or Work Based Learning

NOTE: Students applying to colleges should have at least three core academic classes in their schedule (four core academic courses for competitive colleges)

Things to Keep in Mind

- Senior year is a year to continue to work on grad requirements and explore subjects for free.
- Many elective choices are available to seniors: Application-based programs; academic electives, Work Based Learning, Community Resource (CR) courses
- Think about what you want to do after graduation and make sure the classes you choose reflect your plans and interests
- Create a balanced schedule--keep in mind both academic and extra-curricular time commitments.
- Recommend no more than 2-3 AP/AC classes during a semester

Entering Courses in PowerSchool

- The Course Selection Worksheet is for your use only. You will not turn this into Counseling!
- You MUST enter your course selections into PowerSchool by Friday, March 15, 2024.



PIONEER HIGH SCHOOL

BE BOLD. BE EXTRAORDINARY. BE A PIONEER.

COURSE SELECTION: POWERSCHOOL PORTAL INSTRUCTIONS

STEP
1

Sign into Powerschool

STEP
2

Click Class Registration

STEP
3

Click On the Pencil

STEP
4

Click your class, and then Okay

STEP
5

Click Submit, make sure you have at least 6 or 7 credits select with Alternatives

English - English 9 and English 10 required; Need 4 credits total

Literature-Based Courses

- AP English Lit and Composition
- African American Literature
- Contemporary World Literature
- Literature of Hip Hop Mvmt.
- Humanities - Western
 - Literature, History, Art, Music
- African American Humanities
 - Literature, History, Art, Music

English Electives

- Literature Film I and Literature Film II
- Creative Writing I and II
- Acting I and Acting II
- Screenwriting
- Journalism I and Journalism II
- Yearbook
- Newspaper
- Argumentation
- Writing Center Consultant

AA Pioneer Writing Center - NEW!



Course Details

- Open during hours 1-7
- Weekly assignments include reading, writing (reflection, personal, professional), various action projects
- Lots of instruction and support to learn to be a successful writing consultant
- Participation in Writing Center functions

A hands-on English elective that will make you a better writer, reader, and school leader!

Writing Center Functions

- Work with student-writers in person either in the Writing Center or in their classroom
- Provide feedback for student-writers virtually via Google Docs
- Create instructional materials and presentations for student-writers

Find us in C216 with any questions!

Math

Required Math Classes: Algebra I, Geometry, Algebra II

Math Electives: (You must have a math course in your senior year)

- Pre-Calculus AP and Pre-Calculus AP Plus
- AP Calculus AB (Currently taking Precalc or AP precalc)
- AP Calculus BC (Currently taking AP precalc **only**)
- AP Statistics
- AP Computer Science Principles
- AP Computer Science A
- Advanced Topics in Program Language
- Analytical Thinking with Mathematics (one sem)
- Introduction to Data Science (New Course next year)

Math

Pre-Calculus AP

VS

Pre-Calculus AP Plus

*Currently Regular Precalculus

* Leads to AB Calculus

*Students in Algebra 2 should take

*Students struggling in AC alg 2 should take

*Currently AP Precalculus (was AC precalculus)

* Leads to BC Calculus

*Students doing well in AC Alg 2 should take

****You DO NOT need to take the AP test if you take an AP class. This gives you an AP grade boost and an AP course on your transcript! ***

Cybersecurity

- No experience needed, not programming
- Uses PLTW Curriculum
- Topics: Personal security, system and network security, cryptography, and digital forensics

AP Computer Science Principles

- For complete beginners, assumes no experience
- Math credit, less coursework than CSA

How computers work, basic coding in Python, and making things

Note: You are not required to take the AP exam.

AP Computer Science A

- Rigorous course equivalent to 1st semester college CS course. Taught in Java.
- Some prior experience is helpful/suggested but not required
- Math credit

You can learn how to
make apps for your
phone in this course!



Advanced Topics

- After CSP or CSA
- Project-based
- Artificial Intelligence, Physical computing, and autonomous cars.
- Topics of students' choosing - self or group projects

Science

Required Science: Bio, Earth Science, Chemistry 1, and Physics

**1. Please visit with your science teacher or
Mr. Armstrong (D-107)**

- Chemistry 1
- Physics 1
- AP Chemistry
- AP Physics
- AP Biology
- AP Environmental Science
- Forensics
- Astronomy
- Chemistry 2
- Chemistry Special Topics
- Physics 2 Mechanics
- Physics 2 Electricity & Magnetism

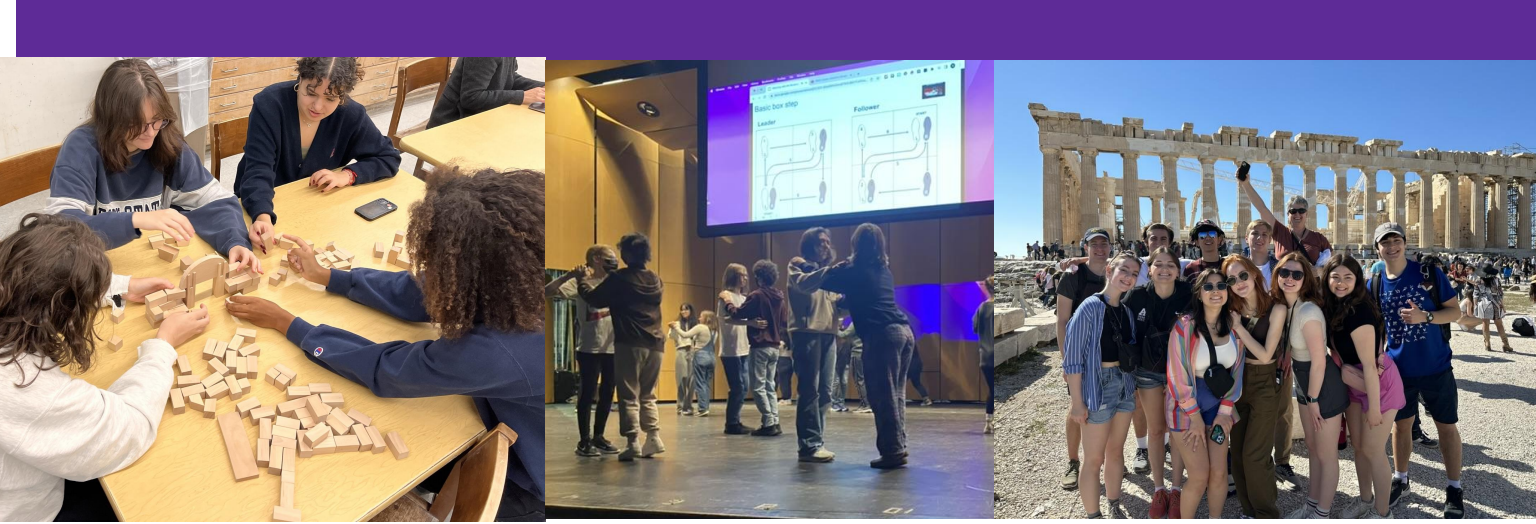
Social Studies

Required Social Studies: World History, US History, Economics, US Government

- AP Economics
 - This is a full year, 1.0 credit class
 - The full year will cover Macroeconomics and Microeconomics
- AP US Government
 - This is a full year, 1.0 credit class
- We the People (satisfies US Government requirement)
- Philosophy
- Law
- Current History
- AP Psychology
- Psychology
- Applied Psychology
- History of Racism and Resistance in the United States

Humanities

- Earn TWO credits (English & Social Studies)
- Study primary sources of art history, music history, philosophy, political theory, & literature
- Learn from four passionate, expert teachers
- Receive an AC grade boost
- Practice learning in a college-style class



World Language

- American Sign Language
- Chinese, Mandarin
- French
- German
- Latin
- Spanish

Electives

- Health
- Physical Education
- Art
- Business
- Culinary Arts
- Music
- Project Lead The Way (PLTW)

Some of these courses could either be an elective or meet a graduation requirement.

Health Courses

Health & Wellness

- Graduation Requirement
- 10th, 11th & 12th Grade

Advanced Health & Public Policy

- Elective Course
- 11th & 12th Grade



Phys Ed Courses

Personal Fitness

* Graduation Requirement

* 9th, 10th, 11th & 12th Grade



Elective Physical Ed Classes

* 9th, 10th, 11th & 12th Grade

- Sports Medicine I & II - Peer Mentor

- Basketball & Condit I & II - Fit & Flexible -Triathlon Basics

- Lifeguarding - Lifetime Sports I & II

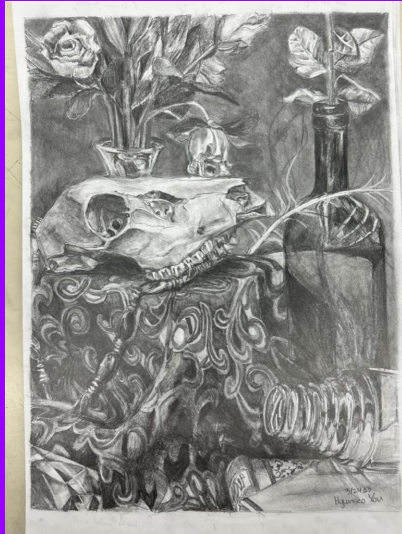
- Swimming I & II - Team Sports I & II

- Wt Lift & Cond - Yoga - Aerobics, Core & More

Art Classes - No prerequisites, .5 credit per semester.

Art and Design

*Entry level



Advanced Art Classes...*Adv. levels offered in each.

Draw Paint Print

Jewelry Design

Ceramics & Sculpture

Graphic Design

Photography

Theater Design



Advanced Art Portfolio

*Juniors and Seniors only

*Art School Bound

PIONEER MUSIC DEPARTMENT



Choir Program
Mr. Lorenz
lorenzs@aaps.k12.mi.us



Orchestra Program
Mr. Glawe
glawej@aaps.k12.mi.us



Band Program
Mr. Leach
leachd@aaps.k12.mi.us

Non-Ensemble Courses

GREAT for seniors to consider

Piano/Voice/Guitar Classes
(beginning & advanced levels)

AP
Music
THEORY

AP Music Theory



Music Theory and Technology



Music Industry



PIONEER Business

- **Personal Finance & Accounting** - 4th year Math options
- **Marketing** - Counts for Economics credit
 - can participate in DECA through Marketing class
- **Work Based Learning** - School credit for having a part time job, must also enroll in a business class

Baking & Pastry Arts

- 11th &/or 12th,
or earlier if prerequisites taken
- 1 hour per day, year-long course
- prerequisites: Culinary Arts & Hospitality OR
Foods & Nutrition AND Multicultural Foods

*Extra Curricular: Skills USA competitions

ServSafe certification

Foods & Nutrition / Multicultural Foods

- prerequisites
- 9th-11th preferred
- good class to take to see if you like baking or culinary before committing to the harder culinary courses
- 1 semester course
- Foods & Nutrition available in Fall
- Multicultural Foods available in Spring

CTE Application Programs

- Cosmetology (2 year program which prepares students for the beauty trades)
- HomeBuilding (students interested in architecture and construction trades)
- Health Sciences (students interested in health careers at professional level)

DEADLINE: FRIDAY MARCH 22, 2024

Applications can be found on the AAPS CTE Programs Application website:

<https://www.a2schools.org/Page/4119>



HEALTH SCIENCES AND TECHNOLOGY

- For students interested in the careers in health care
- Two class periods per day
- Year long course
- 1st semester -Anatomy and Physiology, medical skills, CPR certification, career exploration
- 2nd semester: One on one clinicals with health care providers
- Application
- Counts for 2nd year of World Language or for one credit of science, with PC may receive Health Credit or VPAA

*****Brand New Class*****

PRINCIPLES OF HEALTH SCIENCES

- Students interested in learning about health careers
- One class period per day; 1 year long
- Anatomy and Physiology, medical skills, patient care, CPR, career exploration
- Field trips to select Universities/Colleges for exposure to Health Science Simulation, career programs and programs of study and possible scholarship options.

May continue to year 2 (Advanced Health Sciences) and earn Health Industry certification (i.e., medical assistant), clinical shadowing during 2nd year. Starts 2025-26



Cosmetology will give you the necessary experience to perform services in:

- Hair
- Esthetics
- Nails

Learn the skills necessary to take the Michigan State Board Cosmetology exam!

- ★ No charge to students means a savings of \$25,000!
- ★ Student salon allows you to practice on real clients
- ★ Full kit and textbooks provided

Applicants must interview.
Excellent attendance is a must!
Talk to your counselor today!

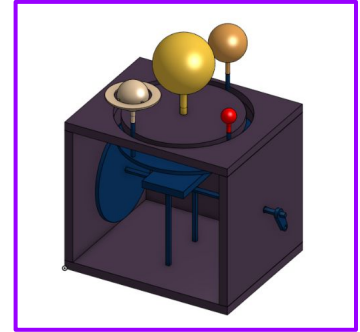
***2 year commitment, plus summer session**

PIONEER ENGINEERING

Engineering Design

Engineering Design is a year-long course that's perfect for people who like **making things** and **solving problems**. No prior engineering experience is required!

In this class, students work with computers and their hands. Students learn engineering drawing, 3D design software, digital fabrication (3D printing and laser cutting), and are challenged to solve a variety of real-world problems. **This course also counts as an art credit!**



PIONEER ENGINEERING

Principles of Engineering

If you've already taken Engineering Design and want to continue, one option is **Principles of Engineering**.

In this class, you'll learn about many different areas of engineering, including mechanical engineering, electronics, digital fabrication, civil & structural engineering, and robotics. You will learn theory, calculations, and do hands-on projects for each topic. **This course also counts for a 4th math credit!**



PIONEER ENGINEERING

Engineering Design & Development (Capstone)

If you've already taken Engineering Design or Principles of Engineering and you are a senior, you can take Engineering Design & Development.

In this class, you'll focus on problem-solving with a project-based learning approach. You will take on several major projects during the year, including your Capstone Project. **This is a semester-long engineering project that you create based on your own interests and passions.**



APPLY FOR TRAILBLAZERS



See Mr. Packard with Questions

Scan QR Code or see Pioneer Counseling
Website under “Course Selection”

Pioneer Trailblazers Make A Difference

Juniors: Apply Today!
Now Accepting Applications For
The 2024-2025 School Year!



TRAILBLAZERS

- Show Up Every Day
- Work 1-on-1 with Elementary Students
- Tutor in Reading & Math
- Make a Difference!

APPLY TODAY



PEER CONNECTIONS

A chance to work with students who have various disabilities, within the self-contained classrooms

Staff Leader: Mr. John Conley
(conley@aaps.k12.mi.us)

- Offered 1st- 6th hour.. you choose what works with your schedule.
- Semester long course
- MUST complete application
- Applications available outside Mr. Conley's Room (S-155) (near the Counseling Dept.) OR use the QR code...



P2P: PEER TO PEER

A group of PHS students trained in the factors that contribute to depression and how to recognize symptoms in other students.

Their goal is to reduce the stigma of depression and to direct struggling students to helpful resources at PHS and in the community.

“ THE RESET ROOM” (PEER FACILITATING LAB)

APPLICATION DUE: FRIDAY APRIL 19, 2024

PROGRAM LEADERS:

Ms. Biermann (biermann@aaps.k12.mi.us) ROOM: S-153

Dr. Sportman (sportsman@aaps.k12.mi.us) ROOM: S-154

