

Course Selection for 2024-2025

Class of 2026 : Rising Juniors



Today's Agenda

- Reminder about Xello/EDP!
- Typical 11th 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 | |

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Parchment.com

The simple online way to **Request, Send, and Store Transcripts.**

Including powerful tools to research colleges and find the right fit for you.

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Step 1: Log in or Register



1. Sign in at www.parchment.com
2. Click **Sign Up** to log in or register your account

Step 2: Add your school to your Profile



1. Click Get Started
2. Add your High School

Step 3: Provide Consent



1. Complete the waiver form.
2. Complete the Transcript Authorization form by eSigning

Step 4: Add Destinations



1. Select Destinations such as colleges, NCAA, Common Application, or yourself
2. Review Destinations

Step 5: Payment



1. Provide debit/credit card payment if there are any fees

Step 6: Track Order



1. The status of your request will be emailed and updated in your Parchment.com Account

A Typical 11th Grade Schedule Would Include

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

1.0 Math

1.0 Science

1.0 Social Studies

1.0 World Language

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

Strive for a balanced schedule!



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

STEP
4

| Course Name | Number |
|-------------|--------|
| English 9 | 152011 |

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

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
- AP Calculus BC
- 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! ***

COMPUTER SCIENCE OPTIONS AT PIONEER



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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, easy coursework, no HW.

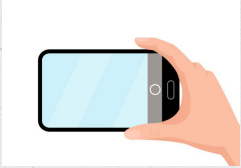
How computers work, basic coding in Python, and making things

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 consult 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

Highlighted Social Studies Elective Courses!

- **African American Humanities AC:** This is a year-long, 2 hour block course. It will satisfy the US History requirement and an English credit
- **Western Humanities:** Earn an English and Social Studies credit in this year-long, two-hour course.
- **Law:** A semester-long study of the American criminal justice system. Study crime, punishment and the criminal justice process. The semester ends with a mock trial!
- **Philosophy:** The majority of this semester course is discussion based. The content of the class centers mainly on ethics. We study, analyze and discuss moral dilemmas of all kinds.
- **Racism and Resistance in the United States:** Semester-long course for juniors and seniors
- **We The People:** Year-long course covering US Government and Politics material; will satisfy the US Government graduation requirement. Prerequisite is US History. Rigor is at an accelerated level similar to an AP course. Extra-curricular team competition component is paramount to the course. Students should have desire to compete and grow and work towards something together as a team.
- **Psychology** (3 levels): Learn and apply psychology in many different facets of life! Regular and AP psychology available.
- **Current History:** Take a deep dive into the important historical events that have taken place in your lifetime. This is a one-semester course.

We the People

We the People is both a class and an activity. Students practice and perform in a series of competitions speaking about politics, government, and history.

The class is an “interactive” option for earning your Government credit.

Or, if you already have Gov credit and you’re interested in going deeper, We the People is a great senior elective!



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

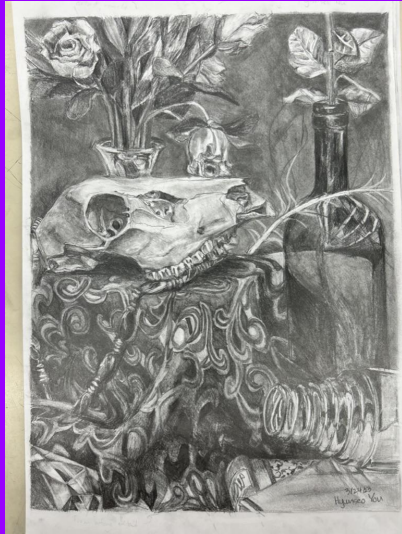
- Swimming I & II - Team Sports I & II

- 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

Music Theory and Technology

Music Industry



AP
Music
THEORY



Business Classes To Highlight

- 4th year Math - Personal Finance & Accounting
- Marketing (Can participate in DECA Competitions through Marketing class)
- Work Based Learning
- School Store Operations



CTE: CULINARY

INSTRUCTOR: MELISSA RICHARDS

CLASSES:

Culinary Arts & Hospitality

- 11th &/or 12th
 - 2 hours per day, year-long course
 - no prerequisites needed!
 - counts as: .5 ART
- 4th yr MATH
- 3rd yr SCIENCE
- 2nd yr WORLD LANGUAGE



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)

DEADLINE: FRIDAY MARCH 22, 2024

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

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



Homebuilding

A photo of the Homebuilding project from 2021-22 (sold for \$600,000.00!)



*****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.



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!

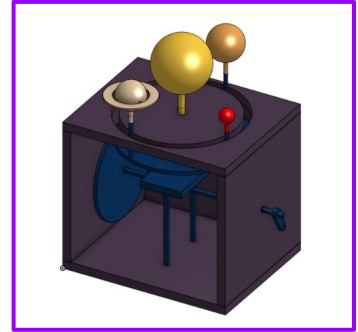
***2 year commitment, plus summer session**

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!**

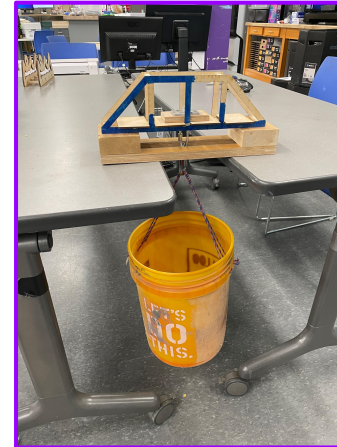
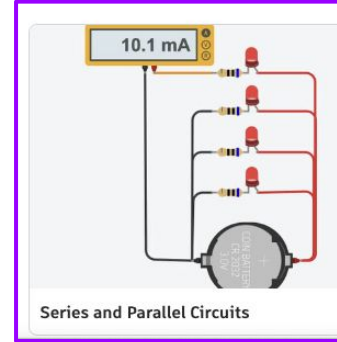


PIONEER ENGINEERING

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!**

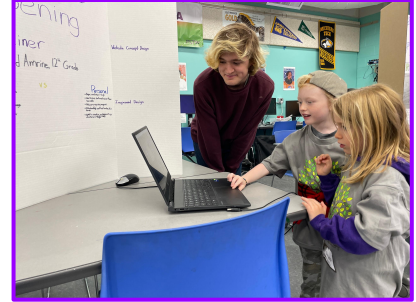
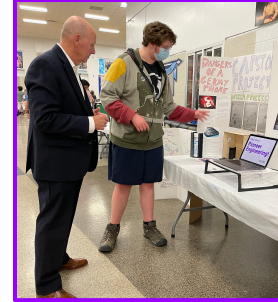


PIONEER ENGINEERING

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.**



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



**More Info on Classes (Course Selection Worksheet
& Course Descriptions):**

[Pioneer Counseling Website](#)

[High School Course Selection Guide](#)

Other Scheduling Options

- Split Enrollment (PHS + CHS)
- Community Resources (CR)
- Dual Enrollment (local colleges)
- A2 Virtual online courses

NCAA Eligibility

Any student considering playing a college sport at the Division 1 or Division 2 level must register with the National College Athletic Association.

(www.ncaa.org)

Student athletes must meet certain academic requirements to be eligible.

Ideally, student athletes register with the NCAA before senior year.

Next Steps...

- Know what classes you need to take to graduate
- Think about what you want to do after graduation and pick classes that will support that plan
- Talk to your teachers for recommendations
- Talk to your counselor for recommendations
- Select your courses carefully and enter your course requests in PowerSchool by **Friday, March 15th.**
- Counselors available during lunch for assistance