



AP Class Offerings

2023-2024



How to be successful in AP Classes

Students should have:

- Excellent organizational skills
- Strong study habits
- The ability to work independently and in groups
- A high level of interest and commitment
- Good problem solving skills
- Determination and perseverance
- Good communication skills

Semester AP grades are weighted on a 5.0 GPA scale.

A=5.0

B=4.0

C=3.0

D=2.0

How much time is required?

All AP classes are college level courses and are weighted. If the student passes the AP Exam in May, they can may receive college credit. If you do not do the classwork and homework, you will have difficulty passing tests and the AP Test in May.

Students can expect to spend 3-4 hours a week outside of class. Homework will be assigned 2-3 times per week, but even if there isn't "assigned" work, students are expected to study on their own time.

Information to Know

Students may choose to take the AP exam in May 2024. The 2023 AP Exam fee will be \$97 per exam (reduced rate is \$53). Rates changes according to college board.

AP Exams are scored on a scale of 1 to 5. Many U.S. colleges grant credit and/or advanced placement (that means they let you skip the equivalent courses once you get to college) for scores 3 and above.

Students are recognized as nationally acclaimed AP Scholars if they pass three or more exams with a score of 3 or better.

AP courses are taught at the college level, therefore, there is substantially more work involved compared to standard high school classes.

Students may be required to complete summer assignments per the request of the AP teacher.

Students have until Thursday, June 15th to drop their AP course selection. Students must email their counselor on or before that date. After that, they will be enrolled in the course without the ability to drop.

AP Contract

- ❖ **Must have contract signed by both student and parent.**
- ❖ **AP courses are a YEAR long commitment!**
- ❖ **After June 15th, you CANNOT drop an AP class.**

EFHS AP Contract 2023-2024

AP Science Courses

AP Environmental Science (11th-12th)



What is APES?

- An interdisciplinary study that integrates information and ideas from natural sciences (biology, chemistry, earth science) and social sciences (politics, ethics, economics).

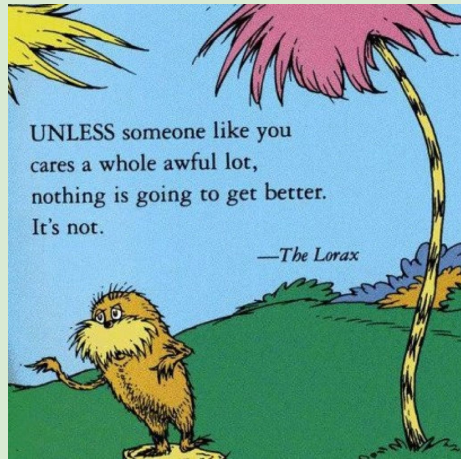
Why should I care?

- Gain a deeper understanding of how the environment functions, and the drastic effects that humans have on it.

What kind of things will I get to do?

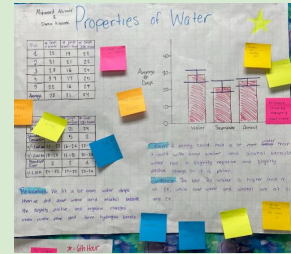
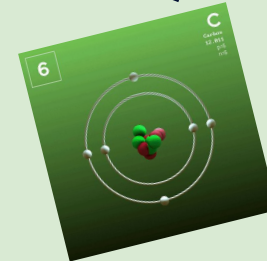
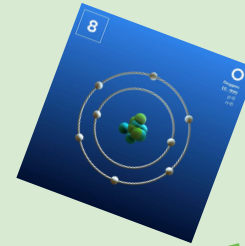
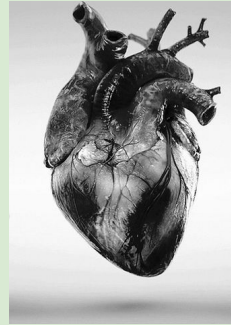
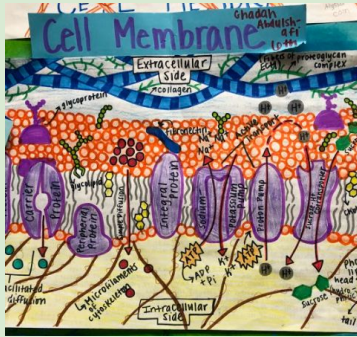
- Learn about current events
- Design & perform labs
- Identify & evaluate environmental problems
 - Create solutions for these problems
- Appreciate the natural world
- Work/play in the greenhouse & courtyard!

Please email **Ms. Porter**
for more information!
porterm1@dearbornschools.org



AP Biology (10th-12th)

This course will prepare students to successfully complete the Advanced Placement Examination in Biology. Textbooks and laboratory sessions are designed to cover the range and depth of college level Biology and will provide students with the conceptual framework, information and formats delegated by the College Board.



AP Chemistry : (11th-12th)

The purpose of this course is to provide a freshman-level college course to ensure that student are prepared to succeed in college chemistry.

You should take AP Chemistry if you...

- Are interested in the medical or pharmaceutical field.
- Have strong study habits and are **NOT** afraid of a challenge.
- Enjoy Labs.
- Intend to take the AP Exam and earn college credit!

Questions? Contact Mr.Baydoun at
BaydounJ@dearbornschools.org

Topics Covered

Units	Exam Weighting
Unit 1: Atomic Structure and Properties	7–9%
Unit 2: Molecular and Ionic Compound Structure and Properties	7–9%
Unit 3: Intermolecular Forces and Properties	18–22%
Unit 4: Chemical Reactions	7–9%
Unit 5: Kinetics	7–9%
Unit 6: Thermodynamics	7–9%
Unit 7: Equilibrium	7–9%
Unit 8: Acids and Bases	11–15%
Unit 9: Applications of Thermodynamics	7–9%

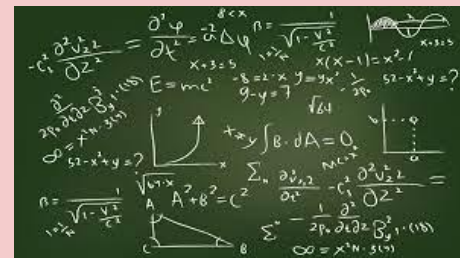


AP Math Courses



AP Pre-Calculus

(11th-12th)



AP Precalculus prepares students for other higher-level mathematics and science courses. The course teaches content and skills common to college precalculus courses that are the foundation for careers in mathematics, physics, biology, health science, social science, and data science.

Students will explore everyday situations using mathematical tools and lenses. You will learn how to observe, explore, and build mathematical meaning from dynamic systems.

AP Calculus (12th)

Calculus is the mathematics of change – velocities and accelerations. Calculus is also the mathematics of tangent lines, slopes, areas, volumes, arch lengths, centroids, curvatures, and a variety of other concepts that have enabled scientists, engineers, and economists to model real-life situations.

Although pre-calculus mathematics also deals with velocities, acceleration, tangent lines, slopes, and so on, there is a fundamental difference between pre-calculus and calculus. Pre-calculus mathematics is more static, whereas calculus is more dynamic.

~Larson, Hostetler, Edwards (Calculus of a Single Variable, 8th edition)

What is required?

- ❖ Excellent organizational skills
- ❖ Strong study habits (3-4 hours of work/week)
- ❖ The ability to work independently and in groups
- ❖ A high level of interest and commitment in math
- ❖ Good problem solving skills
- ❖ Determination and perseverance
- ❖ Good communication skills

Questions?

Please see Ms. Bauman in Room D4!

AP Statistics (12th)

- Statistics is about the collection of information (data) and analyzing the information using graphs, finding numerical summaries, explaining the data and testing the data.
- Statistics uses a lot of probability, as statistics is concerned with taking information about a smaller group and using that information to make decisions about a larger group (like to study if a new drug is effective for allergies).
- Statistics can be found in almost every field or work: financial industry, medical field, psychology, biology, the insurance industry, just to name a few.



AP Social Studies Courses

AP Human Geography (9th-12th)

What You Will Learn:

Patterns on how humans use and shape the earth to include:

- ❖ Population
- ❖ Culture
- ❖ Politics
- ❖ Cities & Rural areas

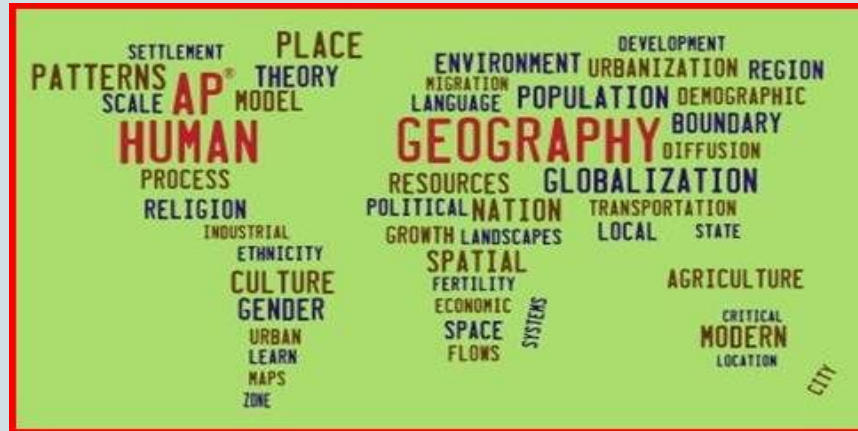


Benefits:

- ★ Can be taken in place of 9th grade World History.
- ★ Opportunity to earn college credit.

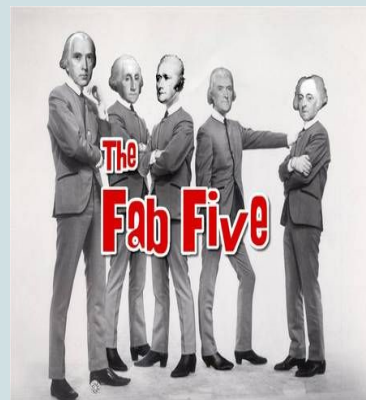
What You Can Expect:

- ❖ Homework multiple times a week
- ❖ Writing assignments
- ❖ Geography/map test
- ❖ Take the AP Exam



AP US History (9th-12th)

- ❖ Study US History from 1400-2000
- ❖ Gain a broader and deeper understanding of history
- ❖ Fine tune note taking skills
- ❖ Become a better student
- ❖ Motivated class, smaller in size
 - ❖ Possibility of College Credit: Must earn a 3, 4, or 5
- ❖ NO SUMMER WORK
- ❖ As close to a college level course as you can get in a high school classroom



AP Psychology (10th-12th)

AP Psychology is a yearlong course that is equivalent to a one semester introductory college course in psychology. The goals of this course include:

- ❖ Learning about the field of psychology through in-depth study, discussion, and hands-on activities.
- ❖ Exploring the psychology as an integrated and eclectic discipline.
- ❖ Developing an understanding of psychology as a science.
- ❖ Learning to think critically by examining behavior and mental processes.
- ❖ Developing an understanding of the role of psychology within the modern world.

Topics to be covered:

- ❖ Personality Development
- ❖ Abnormal Psychology
- ❖ Motivation and Emotion
- ❖ Stress, Anxiety and Frustration
- ❖ Emotional Intelligence
- ❖ Adolescence as part of human development
- ❖ Relationships

**Earn 3 college credits through
the National Exam in Spring**





(11th-12th)

AP U.S. Government and Politics is a college-level year-long course that not only seeks to prepare you for success on the AP Exam in May, but also provide you with the political knowledge and reasoning processes to participate meaningfully and thoughtfully in discussions and debates that are currently shaping American politics and society. It is important to note that this course is not a history course; it is a political science course that studies the interconnectedness of the different parts of the American political system and the behaviors and attitudes that shape this system and are the byproduct of this system.

By the end of the course, you will be able to analyze current and historical political events like a political scientist and develop factually accurate, well- reasoned, thoughtful arguments and opinions that acknowledge and grapple with alternative political perspectives.

AP Microeconomics (11th-12th)

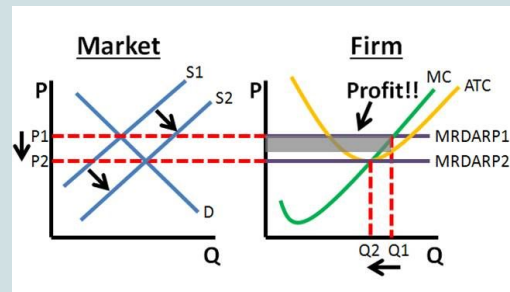
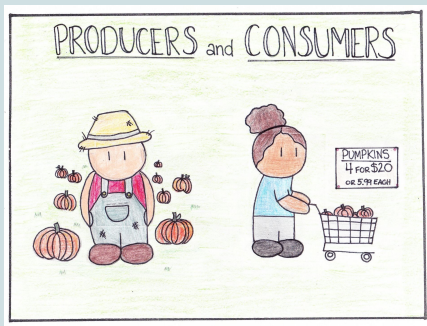
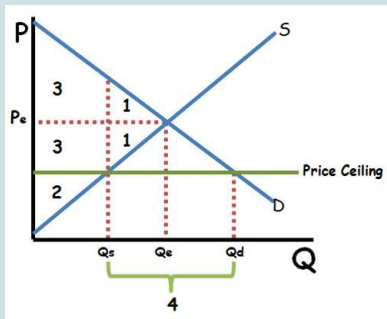
Significant work will be expected of students to succeed in the class. College credit can be earned by scoring well on the A.P. Exam.

This class uses more tables and graphs than regular economics classes, which allows us to dig deeper into how consumers and producers efficiently use scarce resources to achieve maximum satisfaction of economic wants.

Course Description:

The purpose of AP Microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system.

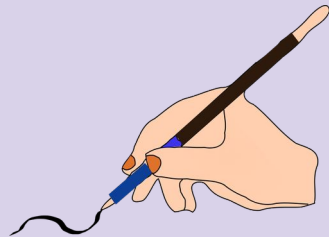
It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy.



AP Language Art Courses

AP English Language and Composition (11th)

- ❖ The word “composition” means there is a lot of writing.
- ❖ This class will take SAT and AP test preparation very seriously.
- ❖ A bulk of this class relies on conferencing and revising your writing. Writing is a skill that will assist you in any field you endeavor in the future.
- ❖ We move fairly quickly in this class, but make allowances for revising written assignments.
- ❖ You will have to master writing three types of essays: argumentative, rhetorical analysis, and synthesis.



AP English Literature and Composition (12th)

- ❑ AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.
- ❑ The word “literature” means there is a LOT of READING. A large amount of this class is relies around your reading and the discussion of the texts you have read.
- ❑ Another large part of this class relies on conferencing and revising your writing about the literature.
- ❑ This is great class if you are looking to go to college and take test prep seriously.
- ❑ Students taking this course were accepted Harvard, Stanford, and many to the University of Michigan.
- ❑ We move quickly in this class, but make allowances for revising written assignments.

What is expected?

- ❑ Reading, reading, talking about the reading and writing about the reading.
- ❑ We will master the writing of: argumentative essays and literary analysis essays.
- ❑ We will read: novels, plays, poetry and short stories.

If you have any questions, please contact Mr. Pletzke



AP Elective Courses

AP Studio Art Drawing & Photo



WE OFFER: ADVANCED PLACEMENT COLLEGE LEVEL COURSES

WE LEARN HOW TO WORK INDEPENDENTLY.

WE LEARN HOW TO BUILD A PORTFOLIO.

WE TO TURN AN IDEA INTO AN ARTWORK.



Teacher Approval Required.

AP Teachers, Class Syllabus & Emails

AP Biology	Bio Syllabus	Ms. O'Brien	obrienl@dearbornschools.org
AP Calculus	Calc Syllabus	Ms. Bauman	baumah@dearbornschools.org
AP Chemistry	Chem Syllabus	Mr. J. Baydoun	baydouj@dearbornschools.org
AP Environmental Science	ES Syllabus	Ms. Porter	porterm1@dearbornschools.org
AP Government	Gov Syllabus	Mr. Dallas	dallasb@dearbornschools.org
AP Human Geography	Human Geog Syllabus	Mr. Brooks	brooksd2@dearbornschools.org
AP Language/Comp	Lang Syllabus	Mr. Rydzik	rydzikk@dearbornschools.org
AP Literature/Comp	Lit Syllabus	Mr. Pletzke	pletzkd@dearbornschools.org
AP Microeconomics	Micro Syllabus	Mr. Grizzell	grizzel@dearbornschools.org
AP Pre-Calculus		TBD	
AP Psychology	Psych Syllabus	Mr. Dallas	dallasb@dearbornschools.org
AP Statistics	Stats Syllabus	Ms. Amir	amirf@dearbornschools.org
AP Studio Art	Art/Draw Syllabus	Ms. Patroniti	patronm@dearbornschools.org
AP US History	US H Syllabus	Mr. Whalen	whalend@dearbornschools.org

***Please email the AP teacher if you have any questions**