The Benefits of AP Courses

AP enables you to:

- Stand out in the college admission process
- Earn college credit
- Skip introductory college classes
- Save money on tuition
- Build college skills and confidence
- Explore potential majors based on your interests
- Turn subjects you love into fulfilling career paths

Here are some things you can do:

- Learn more about AP at www.exploreap.org
- Speak to your counselor or teacher
- Talk to classmates who have taken AP courses
- Discuss your options with your parents or family

Northwest High School Advanced Placement Opportunities

Interested in AP?

If interested, please stop by and talk to the AP teachers.

AP Art History
- Mr. Wohl
- AP Biology
- Ms. Keller/Mr. Pilgrim
- AP Chemistry
- Ms. Chapman/Ms. Malik
- AP Calculus AB & BC
- Ms. Glisson/Ms. Wilson
- AP Comparative Gov’t & Politics
- Ms. Roth
- AP Computer Science A
- Ms. Drake
- AP Computer Science Principles
- Ms. Drake
- AP English Language & Comp.
- Mr. Acosta-Fox/Dr. Alcoser/Ms. Asofsky/Ms. Bolesta/Ms. Hider/Ms. Shapiro/Mr. Rigsby
- AP English Literature & Comp.
- Ms. Beverly/Ms. Ellis/Ms. Hodgson
- AP Environmental Science
- Ms. Keller/Ms. Polster/Ms. Chapman
- AP European History
- Mr. Seymour
- AP French Language & Culture
- Ms. Daniels-Peroutseas
- AP Human Geography
- Mr. Valazak/Mr. Krempasky
- AP Macro/Microeconomics
- Mr. Seymour
- AP Music Theory
- Ms. Baker/Mr. Sharp
- AP Physics I & II
- Mr. Ekatomatis/Mr. Gutierrez
- AP Physics C
- Mr. Gutierrez
- AP Psychology
- Mr. Swope/Ms. Branch
- AP Spanish Language & Culture
- Ms. Ahearn
- AP Statistics
- Mr. Mahaney/Ms. Zabala
- AP Studio Art: 2-D Design
- Ms. Stevens/Ms. Moten
- AP Studio Art: Drawing
- Ms. Moten
- AP United States Gov’t & Politics
- Mr. Barr/Ms. Derenberger/Ms. Fowler/Mr. Gordon/Mr. Parks/Ms. Roth
- AP United States History
- Ms. Hinkey/Mr. Parks
- AP World History
- Mr. Parks/Mr. Valazak/Mr. Wohl

AP/Elective Fair at Lunch on January 4th and 5th

3rd Floor

“Don’t just dream of success; create a plan and act upon it! Your momentum creates the door upon which opportunity knocks.”

~Steve Maraboli

AP Studio Art
The AP Studio Art program offers three studio art courses and portfolios: Two-Dimensional Design, Three-Dimensional Design, and Drawing. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions.

AP Music Theory
Through this AP course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the curriculum through the practice of sight singing. Students understand basic concepts and terminology by listening to and performing a wide variety of music.

AP English
The AP English program offers two courses in English studies, each designed to provide high school students the opportunity to engage with a typical introductory-level college English curriculum. The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing and the rhetorical analysis of nonfiction texts. The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods.

AP Government
The AP government program offers two courses: AP United States (U.S.) Government and Politics and AP Comparative Government and Politics. Each course is designed to be equivalent to a one-semester introductory college course. There is no prescribed sequence of study. A school may offer one or both courses.

AP History
The AP history program offers four courses: AP Art History, AP European History, AP United States History, and AP World History. All four courses focus on helping students develop historical thinking skills while they learn the required course content. Course themes foster deep analysis by making connections and comparisons across different topics. Each AP History course corresponds to two semesters of a typical introductory college history course.

AP Human Geography
The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).

AP Economics
The AP economics program offers two courses in economics: AP Macroeconomics and AP Microeconomics. AP Macroeconomics focuses on the principles that apply to an economic system as a whole. AP Microeconomics focuses on the principles of economics that apply to the functions of individual decision-makers, both consumers and producers, within the economic system.

AP Psychology
AP Psychology focuses on the exploration of the research methods used by psychologists to explore human behavior. Students will discuss how biological, cognitive, and cultural factors converge to facilitate acquisition, development, and use of language.

AP Calculus
AP Calculus AB is structured around three ideas: limits, derivative, and integrals and the Fundamental Theorem of Calculus. AP Calculus BC explores these ideas in additional contexts and also adds the big idea of series. In both courses, the concept of limits is foundational; the understanding of this fundamental tool leads to the development of more advanced tools and concepts that prepare students to grasp the Fundamental Theorem of Calculus, a central idea of AP Calculus.

AP Computer Science
AP Computer Science is structured around learning to design and implement computer programs that solve problems relevant to today’s society, including art, media, and engineering. Students learn to apply programming tools and solve complex problems through hands-on experiences and examples. AP Computer Science Principles provides students with opportunities to explore how computing and technology can impact the world.

AP Biology
AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions.

AP Chemistry
AP Chemistry provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

AP Environmental Science
AP Environmental Science requires students to identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. The course embraces topics from geology, biology, environmental studies,

AP Economics I & II
AP Physics I requires students to explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. AP Physics II requires students to explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.

AP Physics C: Mechanics or EM
AP Physics C is a college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. AP Physics C: Mechanics explores topics such as kinematics; Newton’s laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. AP Physics: Electricity & Magnetism explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout both courses.

AP French Language and Culture
The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness.

AP Spanish Language and Culture
The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness.

AP Spanish Literature and Culture
The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills.