



# Cherokee High School

930 Marietta Hwy Canton, GA 30114

770-721-5300

<https://chs.cherokeek12.net/>



## **AP Course Catalog 2026-2027 SY**

# Advanced Placement (AP) Courses

Cherokee High School partners with College Board to provide students in grades 9–12 with a wide range of Advanced Placement (AP) courses. AP courses are rigorous, college-level classes taught by specially trained high school teachers, designed to inspire a love of learning and prepare students for success in college and beyond.

## WHY AP?

Take challenging classes that push you to think deeper

Explore subjects you're passionate about in greater depth

Show colleges you're ready for advanced coursework

Earn college credit or placement with a qualifying AP exam score (usually 3+)

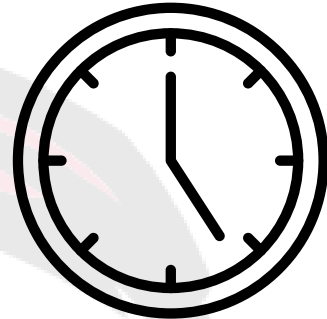
Build skills in critical thinking, time management, and studying

# WHY AP?



## Save Money!

*Your AP score could earn you college credits before you even set foot on campus. In fact, most AP students who enroll in four-year colleges start school with some credit.*



## Save Time!

*Earning credit or placement can open up time on your schedule or even let you graduate early.*



## Stand Out to Colleges

*“AP” on your high school transcript shows colleges you're motivated to succeed, and taking the exam demonstrates your commitment to tackle and complete college-level work.*



## Keep your Options Open!

*Earning college credit with AP can give you the flexibility to change majors, pursue a second degree, study abroad, or seek internships.*

# AP COURSES AT CHEROKEE HS

## Qualities of an AP Student

- Has the ability to grasp new concepts at a rigorous pace without intervention
- Has the ability to link new material with old and across disciplines
- Advocates for self if struggling with material
- Independent and self-motivated
- Completes homework independently and thoroughly in an appropriate amount of time
- Makes efficient and effective use of class time
- Works effectively with other students

Although it is not required, it is strongly advised that students who want to pursue AP courses, take Honors level courses before taking an AP course.

*AP Course availability is subject to change based on demand and scheduling.*

## English

Seminar (10th)  
English Language & Composition (11th)  
English Literature & Composition (12th)

## Math

Precalculus  
Calculus AB  
Calculus BC  
Statistics

## Social Studies

Human Geography  
Macroeconomics  
Microeconomics  
Psychology  
U.S. Government & Politics  
U.S. History  
World History  
European History

## Science

Biology  
Chemistry  
Environmental Science  
Physics 1: Algebra Based  
Physics C: Electricity & Magnetism

## World Language

French Language & Culture  
Spanish Language & Culture

## Arts

Music Theory  
AP 2D Art & Design  
AP 3D Art & Design  
AP Drawing

## Capstone

Research - Science  
Seminar - ELA

## Computer Science

Computer Science A  
Computer Science Principles

# Important Websites



**College/AP Credit  
Policy Website**



**AP Exam Info**



**¿Qué es AP?**

# AP English Language (11th)

In AP English Language and Composition, you'll read nonfiction texts through the eyes of a writer, exploring the choices writers and speakers make to persuade their audience. By analyzing how writing is composed, you'll be able to construct your own persuasive pieces.

## Skills Students will Learn:

- ✓ Reading closely, analyzing, and interpreting a piece of writing
- ✓ Evaluating a source of information
- ✓ Gathering and synthesizing information from different sources
- ✓ Writing an evidence-based argument
- ✓ Drafting and revising a piece of writing

## Pre-Requisites:

- Lit/Comp I
- Lit/Comp II  
or AP Seminar



Dr. Laura Peterson  
Katherine Mathews



[laura.peterson@cherokeek12.net](mailto:laura.peterson@cherokeek12.net)  
[katherine.mathews@cherokeek12.net](mailto:katherine.mathews@cherokeek12.net)



# AP English Literature (12th)

In AP English Literature and Composition, you'll examine how authors and poets create meaning through their rich, purposeful use of language. As you write and refine essays about literature, you'll develop the skills of analysis and composition that will allow you to communicate your interpretation effectively.

## Pre-Requisites:

- Lit/Comp I
- Lit/Comp II
- or AP Seminar
- Am Lit/AP Lang

## Skills Students will Learn:

- ✓ Read a text closely and draw conclusions from details
- ✓ Identify the techniques used by an author and their effects
- ✓ Develop an interpretation of a text
- ✓ Present your interpretation and make an argument for it in writing



Justin Jones



justin.jones@cherokeek12.net

 CollegeBoard



# AP Precalculus

In AP Precalculus, you'll explore concepts such as polynomial and exponential functions that can help you calculate your rise to influencer status, and many more concepts related to functions, logarithms, and trigonometry that can be applied beyond the classroom.

## Pre-Requisites:

- Algebra
- Geometry
- Advanced Algebra

## Skills Students will Learn:

- ✓ Algebraically manipulating functions, equations, and expressions
- ✓ Translating mathematical information between representations
- ✓ Communicating with precise language, and providing rationales for conclusions



Nicole Howard  
Eric Jones



nicole.howard@cherokeek12.net  
Eric.Jones@cherokeek12.net



# Enhanced Advanced Algebra/AP Precalculus

In EAAAP, you'll explore concepts such as polynomial and exponential functions that can help you calculate your rise to influencer status, and many more concepts related to functions, logarithms, and trigonometry that can be applied beyond the classroom.

## Pre-Requisites:

- Algebra
- Geometry

## Skills Students will Learn:

- ✓ Algebraically manipulating functions, equations, and expressions
- ✓ Translating mathematical information between representations
- ✓ Communicating with precise language, and providing rationales for conclusions



Nicole Howard



nicole.howard@cherokeek12.net



# AP Calculus AB

Calculus helps make sense of change by grappling with questions that inspire thinkers from around the globe, across time, and in many disciplines. Can change occur in an instant? When is the next solar eclipse or the turning point for an economy? In AP Calculus AB, you'll develop a deeper understanding of mathematical principles that can help you answer questions such as these.

## Pre-Requisites:

- Algebra
- Geometry
- Advanced Algebra
- Precalculus

## Skills Students will Learn:

- ✓ Determining expressions and values using mathematical procedures and rules
- ✓ Using correct notation, language, and mathematical conventions to communicate results or solutions
- ✓ Connecting representations
- ✓ Justifying reasoning and solutions



Eric Jones



eric.jones@cherokeek12.net

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# AP Calculus BC

In AP Calculus BC, you'll cover many of the mathematical principles in AP Calculus AB and build upon them. AP Calculus BC helps you prepare for further study in mathematics and other disciplines, such as engineering, computer science, or economics.

## Pre-Requisites:

- Algebra
- Geometry
- Advanced Algebra
- Precalculus

## Skills Students will Learn:

- ✓ Determining expressions and values using mathematical procedures and rules
- ✓ Using correct notation, language, and mathematical conventions to communicate results or solutions
- ✓ Connecting representations
- ✓ Justifying reasoning and solutions



Eric Jones



eric.jones@cherokeek12.net

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# AP Statistics

Statistics are a part of everyday life. You can see them in AI models, news polls, popular music rankings, and medical research. Discover how the statistics you see every day are developed and learn how to evaluate their credibility for yourself in AP Statistics.

## Pre-Requisites:

- Algebra
- Geometry
- Advanced Algebra

## Skills Students will Learn:

- ✓ Selecting methods for collecting or analyzing data
- ✓ Describing patterns, trends, associations, and relationships in data
- ✓ Using probability and simulation to describe probability distributions and define uncertainty in statistical inference
- ✓ Using statistical reasoning to draw appropriate conclusions and justify claims



Amy Geer



amy.geer@cherokeek12.net



# AP Human Geography

Immerse yourself in AP Human Geography by investigating population trends, exploring diverse cultural landscapes, and identifying spatial patterns across various scales. From bustling cities to rural areas, you'll embark on a journey of discovery as you examine the diverse interactions that people have with the environment.

## Pre-Requisites:

- None

## Skills Students will Learn:

- ✓ Connecting geographic concepts and processes to real-life scenarios
- ✓ Understanding information shown in maps, tables, charts, graphs, infographics, images, and landscapes
- ✓ Seeing patterns and trends in data and in visual sources such as maps and drawing conclusions from them
- ✓ Understanding spatial relationships using geographic scales



Thomas Stringfellow



thomas.stringfellow@cherokeek12.net



# AP Macroeconomics

Immerse yourself in AP Human Geography by investigating population trends, exploring diverse cultural landscapes, and identifying spatial patterns across various scales. From bustling cities to rural areas, you'll embark on a journey of discovery as you examine the diverse interactions that people have with the environment.

## Pre-Requisites:

- World History
- US History

*Honors/AP US History is strongly advised*

## Skills Students will Learn:

- ✓ Connecting geographic concepts and processes to real-life scenarios
- ✓ Understanding information shown in maps, tables, charts, graphs, infographics, images, and landscapes
- ✓ Seeing patterns and trends in data and in visual sources such as maps and drawing conclusions from them
- ✓ Understanding spatial relationships using geographic scales



Joe Maselli



joe.maselli@cherokeek12.net



# AP Microeconomics

In AP Microeconomics, you'll explore the answers to these questions as you learn the principles of economics that govern the actions of individuals and businesses. You'll also explore concepts such as supply and demand, elasticity, and market structures to gain a deeper understanding of how economic decisions shape our world.

## Pre-Requisites:

- World History
- US History

*Honors/AP US History is strongly advised*

## Skills Students will Learn:

- ✓ Define economic principles and models
- ✓ Explain given economic outcomes
- ✓ Determine outcomes of specific economic situations
- ✓ Model economic situations using graphs or visual representations



Joe Maselli



joe.maselli@cherokeek12.net

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# AP Psychology.

In AP Psychology, you'll learn the foundational concepts that detail how and why people think and behave the way they do.

## Pre-Requisites:

- None

## Skills Students will Learn:

- ✓ Connecting psychological concepts and theories to real-life scenarios
- ✓ Understanding and interpreting data
- ✓ Analyzing research studies in psychology



James Sanchez



james.sanchez@cherokeek12.net



# AP US Government and Politics

In AP United States Government and Politics, you'll examine the relationships between the president, Congress, and the Supreme Court, and explore how different political ideologies and opinions shape American politics.

## Pre-Requisites:

- World History
- US History

*Honors/AP US History is strongly advised*

## Skills Students will Learn:

- ✓ Connecting political concepts to real-life situations
- ✓ Explaining the impact and implications of certain U.S. Supreme Court decisions
- ✓ Analyzing data to find patterns and trends and draw conclusions
- ✓ Reading and analyzing text and visual sources
- ✓ Developing a claim or thesis and supporting it in an essay



Heather Kuglin



heather.kuglin@cherokeek12.net



# AP United States History

In AP United States History, you'll explore and try to answer questions like these, while discussing the ways in which Americans have debated their values, practices, and traditions since even before the country's founding.

## Pre-Requisites:

- World History

*Honors/AP World History is strongly advised*

## Skills Students will Learn:

- ✓ Evaluating primary and secondary sources
- ✓ Analyzing the claims, evidence, and reasoning you find in sources
- ✓ Putting historical developments in context and making connections between them
- ✓ Coming up with a claim or thesis and explaining and supporting it in writing



Ben Sosebee  
Colton Major



ben.sosebee@cherokeek12.net  
colton.major@cherokeek12.net



# AP World History

In AP World History: Modern, you'll learn about the rise and fall of empires, the evolution of technology, and the cultural and social changes that have shaped our world. The course isn't just about memorizing dates and battles—it's about exploring civilizations and cultures from a global perspective to better understand the complex relationships that exist today.

## Pre-Requisites:

Recommendation  
from Lit & Comp I  
teacher

## Skills Students will Learn:

- ✓ Evaluating primary and secondary sources
- ✓ Analyzing the claims, evidence, and reasoning you find in sources
- ✓ Putting historical developments in context and making connections between them
- ✓ Coming up with a claim or thesis and explaining and supporting it in writing



Megan Arrowood  
Colton Major



Megan.arrowood@cherokeek12.net  
colton.major@cherokeek12.net



# AP European History

In AP European History, you'll study the rich history of countries such as France, England, Spain, and many others from c. 1450 to the present. You'll cover key events and uncover the political, social, economic, cultural, and intellectual developments that shaped Europe and subsequently the world.

## Pre-Requisites:

- World History
- US History

*Honors/AP is strongly advised*

## Skills Students will Learn:

- ✓ Evaluating primary and secondary sources
- ✓ Analyzing the claims, evidence, and reasoning you find in sources
- ✓ Putting historical developments in context and making connections between them
- ✓ Coming up with a claim or thesis and explaining and supporting it in writing



Heather Kuglin



heather.kuglin@cherokeek12.net



# AP Biology

From the smallest units of life to how healthy ecosystems can be sustained, AP Biology explores the key principles of biology. While you learn about genetics and how it affects evolution, how energy flows through ecosystems and other fascinating topics, you'll also learn how to think critically, solve problems, and communicate scientific ideas effectively.

**Pre-Requisites:**  
8<sup>th</sup> Grade  
Recommendation

## Skills Students will Learn:

- ✓ Designing experiments and procedures to test a prediction or theory
- ✓ Collecting and analyzing data
- ✓ Interpreting data to draw conclusions
- ✓ Developing and supporting a scientific claim with evidence



Lori Pangburn



Lori.Pangburn@cherokeek12.net



# AP Chemistry

In AP Chemistry, you'll learn to examine the atomic and molecular interactions that result in all the varied materials and changes that you observe daily, as well as how to properly test and analyze errors in an experiment.

## Pre-Requisites:

- AP/Honors Biology

## Skills Students will Learn:

- ✓ Designing experiments and procedures to test a prediction or theory
- ✓ Creating graphs, diagrams, and models that represent chemical phenomena
- ✓ Explaining how the microscopic structure of a substance determines its chemical properties
- ✓ Writing chemical equations and using them to calculate quantities involved in reactions
- ✓ Making a scientific claim and supporting it with evidence



Mark Segall



Mark.Segall@cherookeek12.net



# AP Environmental Science

What does science tell us about our relationship with and dependence on the earth? In AP Environmental Science, you'll learn how to use the tools of science to address these and other big questions about our planet's future.

## Pre-Requisites:

- None

## Skills Students will Learn:

- ✓ Explaining environmental concepts and processes
- ✓ Analyzing data, visual representations, and writings
- ✓ Applying quantitative methods in solving problems
- ✓ Proposing a solution for an environmental problem and supporting your idea with evidence
- ✓ Analyzing a research study to identify a hypothesis



Rachel Sheldon



rachel.sheldon@cherookeek12.net



# AP Physics 1

Have you ever been curious as to why some objects float while others sink? Why it's easier to balance on a bicycle when it's moving fast? Or why it may seem like you're moving backward when a car passes you on the highway? In AP Physics 1: Algebra-Based, you'll learn about kinematics, dynamics, and energy through hands-on laboratory work to investigate and answer questions such as these.

## Pre-Requisites:

- None

*Honors/AP Science track record is recommended*

## Skills Students will Learn:

- ✓ Creating representations that depict physical phenomena
- ✓ Conducting analyses to derive, calculate, estimate, or predict
- ✓ Describing experimental procedures, analyzing data, and supporting claims



Charlie Buck



charlie.buck@cherokeek12.net



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# AP Physics C: Electricity and Magnetism

Have you ever wondered how electricity and electromagnetism are used to power the devices and machines you interact with every day? Explore concepts such as electrostatics, conductors, capacitors and dielectrics, electric circuits, magnetic fields, and electromagnetism in AP Physics C: Electricity and Magnetism. You'll do hands-on laboratory work and in-class activities to investigate phenomena while using calculus to solve problems.

## Pre-Requisites:

Must have previously had or currently taking  
Calculus

*Honors/AP Science track record is recommended*

## Skills Students will Learn:

- ✓ Creating representations that depict physical phenomena
- ✓ Conducting analyses to derive, calculate, estimate, or predict
- ✓ Describing experimental procedures, analyzing data, and supporting claims



Wesley Queen



wesley.queen@cherokeek12.net



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# AP PHYSICS C MECHANICS

Have you ever thought about why you feel the downward pull of Earth but not an upward pull from the Moon? Why throwing a heavy rock forward pushes you backward? Or why the end of a stick swings down faster than a rock that is dropped? In AP Physics C: Mechanics, you'll explore concepts such as motion, gravitation, momentum, and rotation using conceptual explanations and calculus-based mathematics.

## Pre-Requisites:

- None

*Honors/AP Science track record is recommended*

## Skills Students will Learn:

- ✓ Creating representations that depict physical phenomena
- ✓ Conducting analyses to derive, calculate, estimate, or predict
- ✓ Describing experimental procedures, analyzing data, supporting claims



Wesley Queen



wesley.queen@cherokeek12.net



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# AP French

In AP French Language and Culture, you'll explore the many ways that French speakers and countries are influencing the world in areas such as international relations, aeronautics, medical research, and sustainability. Immerse yourself in global conversations and issues, discover a multitude of cultures, and learn how advanced French language skills can be your gateway to international studies and opportunities.

## Pre-Requisites:

- 2 years of French Language instruction

## Skills Students will Learn:

- ✓ Understanding French when you hear it and read it
- ✓ Holding conversations in real-life situations
- ✓ Writing stories, letters, emails, essays, and other texts



Souad Fullen



Souad.Fullen@cherokeek12.net



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# AP Spanish Language & Culture

Do you know in which countries Spanish is spoken? And do you know that in Mexico, in addition to Spanish, there are more than 67 indigenous languages? Do you want to learn which Hispanic painters were known as “The Elephant and the Ant,” or which is the highest navigable river in the world? Immerse yourself in this cultural adventure through the second most spoken language in the world, and learn about issues such as family, identity, health, technology, global challenges, art, and many other topics.

**Pre-Requisites:**  
2 years of Spanish Language instruction or Native Speaker with teacher approval

## Skills Students will Learn:

- ✓ Understanding Spanish when you hear it and read it
- ✓ Holding conversations in real-life situations
- ✓ Writing stories, letters, emails, essays, and other texts



Jay Huller



Jay.Huller@cherokeek12.net



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# AP Music Theory

Deepen your ability to recognize and describe the elements and processes of music. In AP Music Theory, you'll advance your understanding of how music works by listening to a wide variety of music, reading musical scores, writing music, and singing.

## Pre-Requisites:

Teacher  
Recommendation

*Please see Mr. Cheyne*

## Skills Students will Learn:

- ✓ Identifying features of pitch, interval, scales and keys, chords, meter, rhythm, and other musical concepts in performed and notated music
- ✓ Singing a notated melody on sight
- ✓ Notating music that you hear
- ✓ Completing music based on cues, following common-practice style



Garrick Cheyne



[garrick.cheyne@cherokeek12.net](mailto:garrick.cheyne@cherokeek12.net)



# AP 2D Art & Design

In AP 2-D Art and Design, you'll use the skills you learn in the course, and your own ideas, to create unique works of art. Throughout the course, you'll develop an inquiry that guides artmaking through practice, experimentation, and revision of materials, processes, and ideas while demonstrating 2-D art and design skills through graphic design, sequential art, photography, collage, printmaking, illustration, industrial design, animation, game design, painting, fibers, and others.

## Pre-Requisites:

- 3 Visual Art Courses

## Skills Students will Learn:

- ✓ Investigating the materials, processes, and ideas that artists and designers use
- ✓ Practicing, experimenting, and revising as you create your own work
- ✓ Communicating your ideas about works of art and design



Morgan Clifton



morgan.clifton@cherokeek12.net



# AP Drawing

In AP Drawing, you'll use the skills you learn in the course, and your own ideas, to create unique works of art.

Throughout the course, you'll develop an inquiry that guides artmaking through practice, experimentation, and revision of materials, processes, and ideas while demonstrating drawing skills through painting, drawing, sequential art, printmaking, illustration, animation, fibers, and others.

## Pre-Requisites:

3 Visual Art Courses & 2D AP Art & Design

## Skills Students will Learn:

- ✓ Investigating the materials, processes, and ideas that artists and designers use
- ✓ Practicing, experimenting, and revising as you create your own work
- ✓ Communicating your ideas about works of art and design



Morgan Clifton



[morgan.clifton@cherokee12.net](mailto:morgan.clifton@cherokee12.net)



# AP 3-D Art & Design

In AP 3-D Art and Design, you'll use the skills you learn in the course, and your own ideas, to create unique works of art. Throughout the course, you'll develop an inquiry that guides artmaking through practice, experimentation, and revision of materials, processes, and ideas while demonstrating 3-D art and design skills through sculpture, architecture, jewelry, fashion and apparel design, bookmaking, game design, interior design, fibers, and others.

## Pre-Requisites:

- 3 Visual Art Courses

## Skills Students will Learn:

- ✓ Investigating the materials, processes, and ideas that artists and designers use
- ✓ Practicing, experimenting, and revising as you create your own work
- ✓ Communicating your ideas about works of art and design



Megin Roebuck



Megin.Roebuck@cherokeek12.net



# AP Research

In AP Research, you decide what to study. Curious about the impact of AI on society? You can make a project out of that. Are you passionate about social causes? Interested in climate change or mental health? You can research these, as well. In this course, you'll learn about different research methods and will develop advanced research skills while researching a topic of your choice.

## Pre-Requisites:

- AP Seminar

## Skills Students will Learn:

- ✓ Conducting independent research
- ✓ Analyzing sources and evidence
- ✓ Applying context and perspective
- ✓ Writing a college-level academic paper
- ✓ Presenting research findings to an audience



Connie Nelson



Connie.Nelson@cherokeek12.net



# AP Seminar

Ever thought about how social media impacts teen mental health? Do you think rules around college sports should be changed? In AP Seminar, you choose what real-world or academic topics to investigate. AP Seminar teaches you how to find and use evidence from experts, and how to present the case from your own perspective effectively, both through writing and multimedia presentations.

Pre-Requisites:  
Teacher  
Recommendation

## Skills Students will Learn:

- ✓ Reading and analyzing articles, studies, and other texts
- ✓ Gathering and combining information from sources
- ✓ Viewing an issue from multiple perspectives
- ✓ Crafting arguments based on evidence



Teresa Malouf



teresa.malouf@cherokeek12.net



# AP Computer Science A

Do you want to cure cancer? Design a video game? Or maybe build interactive art? AP Computer Science A explores how to use, build, and work with the technologies of tomorrow to help answer some of the biggest questions of today. In this course, you'll design and implement computer programs using a subset of the Java programming language that can be used to develop algorithms, data structures, and solve problems.

## Pre-Requisites:

- Intro to Digital Technology
- Computer Science Principles

## Skills Students will Learn:

- ✓ Designing a program, developing the algorithms it needs, and writing code to implement them
- ✓ Testing program code and correcting errors
- ✓ Documenting and explaining how program code works



Jennifer Crowder



[jennifer.crowder@cherokeek12.net](mailto:jennifer.crowder@cherokeek12.net)



# AP Computer Science Principles

If you've ever been curious about how the websites and apps you love are built, this introductory computer science course is for you. You don't need a coding background to succeed, and your school will provide the computer. In AP Computer Science Principles, you'll learn how computers and technology impact our daily lives by examining the apps we use, how our personal data is collected, and how technology can have positive and negative consequences.

## Pre-Requisites:

- Intro to Digital Technology
- Computer Science Principles

## Skills Students will Learn:

- ✓ Making connections between concepts in computing
- ✓ Designing a program to solve a problem or complete a task
- ✓ Applying abstractions in computation and modeling
- ✓ Analyzing computational work
- ✓ Communicating ideas about technology and computation
- ✓ Working collaboratively to solve problems



Jennifer Crowder



[jennifer.crowder@cherokeek12.net](mailto:jennifer.crowder@cherokeek12.net)



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