



2023-2024 Course Catalog



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Math

Algebra I

Prerequisite: None

A course designed to encourage students to build a solid foundation for future math courses. Algebra I includes topics such as; inequalities in one and two variables, linear equations, powers, exponents, polynomials, exponents, graphing, and ties to math in the real world. Students should be prepared to learn something about mathematics, themselves, and have some fun!

Geometry

Prerequisite: Algebra I

This course focuses on the properties, relationships, and measurement of points, lines, curves, and surfaces. Students will be focusing on logical proofs and will use critical thinking skills to solve problems. Topics include parallel lines, properties of polygons, perimeter and area analysis, similarity and congruence, volume and surface area analysis, and trigonometry.

Algebra II

Prerequisite: Algebra I and Geometry

In Algebra II, *students* will continue the exploration of Algebra! The topics covered include families of functions; logarithms and exponential functions; and solving quadratic functions. Students should be prepared to expand their mathematical and *problem-solving* skills!

Honors Algebra II

Prerequisite: B or higher in Algebra 1 and Geometry or teacher recommendation

In Honors Algebra II, students will continue the exploration of Algebra! The topics covered include families of functions; logarithms and exponential functions; and solving quadratic functions. Students should be prepared to expand their mathematical and problem-solving skills! Honors Algebra 2 will be faster paced than Algebra 2 while meeting the same content.

Pre-Calculus

Prerequisite: C or Higher in Algebra II or Teacher Recommendation

An advanced mathematics course designed to prepare students for Calculus. We will build upon Algebra II topics, such as factoring and solving equations to farther explore topics such as: angles, the unit circle, radians, trigonometry, trigonometric identities, and sequences and series. TI 83 or TI 84 graphing calculators highly recommended.

AP Calculus

Prerequisite: C or Higher in Pre-Calculus or teacher recommendation

You've spent a year in Pre-Calc, now it's time to find out why all of that "stuff" was so important. In Calculus we discuss the limiting processes of functions, the process of differentiation and integration! The heart and soul of Calculus is the study of how things change, and the power that it has over every math concept you have ever learned. A TI-83 or TI-84 graphing calculator is highly recommended.

Math Beyond the Classroom

Prerequisite: Algebra II, SENIORS Only

This course is a mixture of review and new! We will review topics from Algebra and Geometry, such as solving equations, graphing, triangle congruency, and more. It also covers personal finance topics like budgeting, taxes, credit scores, and so much more!

Probability and Statistics

Prerequisite: Algebra II, SENIORS Only

This course will explore probability and statistics. We will include commonly used statistics such as averages, and best uses for these, as well as graphs and scatterplots. We will learn how to apply different types of probability.

Science

Physical Science

Prerequisite: None

In Physical Science, students will gain a foundational understanding of the branches of science like chemistry, physics, geology, and astronomy that study non-living systems, which are usually separated from the “life sciences” like biology, zoology, and ecology which they will learn about next year. Topics in this class will include types of matter, atomic theory, chemical reactions, thermal and electric energy, laws of force and motion, and the history of our universe, stars, and planets.

Health

Prerequisite: None

In Health, students will be provided with information and resources that they can use to make important decisions about their own health. We will discuss a range of topics covering how we can take care of our own physical, mental, and social health, including brief discussions of our own bodily systems and how to take care of them throughout our lives.

Biology

Prerequisite: Physical Science

Biology is a class focusing on the study of life, and all the components that come together to make this possible. Students will learn about the living world by focusing on topics that include ecology, classification, cells and physiology, genetics and heredity, and evolution. Students will explore these concepts through textbook reading, online simulations, class discussions, group work and projects, and various hands-on laboratory activities. This will be a class where students can discuss a multitude of topics, and share insight with each other to help further their development as scientists. One of the goals of this course is to prepare students with the skills necessary to be successful in future advanced science classes.

Anatomy & Physiology

Prerequisite: Physical Science & Biology

This course investigates the structure and function of the human body. Working from the topics of basic anatomical terminology to the biochemical composition of the human body, all the way into *detail* of each of the major systems of the body, students will learn through reading materials, online simulations, lecture, group work, projects, and dissections and labs. **Dissections will be a mandatory part of this course.** One of the goals of this course is to prepare students with the skills necessary to be successful in future science classes in college.

Botany

Prerequisite: Physical Science & Biology

Botany is a class dedicated to the scientific study of plants. Plants are essential to all other forms of life and without them our world would not exist as we know it. In the first semester of this course, we will learn the fundamentals of Botany, including plant physiology, evolutionary history, adaptations and characteristics of plant families and communities, and how to identify species. In the second semester, we will focus on horticulture (the art of cultivation and gardening), the cultural and economic uses of plants, and food crops. Students will also work together with the ACPA administration to design and construct an on-campus garden for the future of the program. This course will equip students with a number of new skills applicable to their own futures, including college readiness, how to grow their own food, and how to better relate to their environment.

Zoology

Prerequisite: Physical Science & Biology

This course discusses the branch of biology that deals with animals and animal life, including the study of the structure, physiology, development, and classification of invertebrates such as sponges, *and* mollusks, and vertebrates including amphibians, reptiles, and mammals. **Dissections will be a mandatory part of this course.** This course is designed for the college bound student.



English

English 9

Prerequisite: None

In English 9 students will build foundational skills for analyzing literary fiction and non-fiction. Students will read and write about texts from a variety of genres including memoir, short stories, poetry, drama, and informational texts. Our year will be organized into thematic units that explore suspense, fear, power, courage, and heroism.

English 10

Prerequisite: English 9 or Freshman level English

In this course, sophomores will focus on analytical reading and writing skills across a variety of genres. Students will work with poetry, fiction, non-fiction and political writing with a focus not only on what language means, but also on what effect it has on the reader and their world.

English 11

Prerequisite: English 10

A writing-intensive course focused on building analytical, argumentative, and research skills for application in college and other real-world contexts. In this course, you will learn new techniques for analyzing multimedia texts and shaping your observations into an original and compelling argument. You also will undertake a multi-week research project, applying strategies for entering an existing “conversation” on a topic of your choice.

Mythology

Prerequisite: Three English credits

Let's talk about myths! In this class, we will look at storytelling across multiple cultures to understand how humans throughout the ages have shaped their understanding of existence. We will cover all kinds of mythology, going beyond the typical Greek and Roman stories. Students will produce both analytical and creative writing tasks, and there will be an independent reading project for this course.

Journalism

Prerequisite: Three English credits

A comprehensive look at digital literacy in the 21st century through writing, the study of the elements of journalism, and the importance of the press. Students will explore a plethora of journalistic styles (news, features, columns, editorials) and practice skills such as interviewing, responsible reporting, and investigative practices to implement in their own writing. This hands-on course will give students the chance to write, edit, and share their own stories while working together as an editorial unit.

Creative Writing

Prerequisite: Three English credits

Whether you write every day, or you want to begin exploring different ways to express yourself through writing, creative writing is the course for you. Students will explore different types of poetry and prose, from sonnets to short stories to creative nonfiction, and everything else in between.

Film Studies

Prerequisite: Three English credits

A text-based literature course that examines and studies film using close-reading and critical thinking skills. Students will learn and dissect the core elements of film by watching and analyzing a wide selection of classic, contemporary, *documentary*, and *fictional* films. Using different lenses, students will also practice writing analysis and criticism. Through reading, viewing, and discussing, students will leave this class with a toolbox to analyze and discuss film as a form of text much like novels or poetry.



Literature of Horror

Prerequisite: Three English credits

An all-encompassing journey to analyze what scares us... and what that tells us about ourselves and the world around us. The course covers many subgenres of horror and the macabre, including the Gothic, monsters, zombies, the supernatural, and more using fiction, poetry, and film. Through careful analysis of suspense, terror, and all things spooky, we will look to discuss many larger topics and ideas regarding humanity and fear itself.

LGBTQ Literature

Prerequisite: Three English credits

Students will improve their knowledge of the history and representation of lesbian, gay, bisexual, transgender, and queer-identifying people through analyzing both fiction and non-fiction. We will explore how power, privilege, and inequity have influenced and continue to affect individual experiences related to sexuality and gender.

CCP Composition I

Prerequisites: Admission into CCP Program, Placement in Class

This class will teach the fundamentals of composition. The class will help students build college level writing skills and will use those skills to create writing that is interesting and effective. The class will build writing into high interest topics revolving around culture, politics, and media. Completion of this course will result in college credit through the CCP program and will also count as completion of the junior composition credit.

CCP British Literature

Prerequisites: Admission into CCP Program, B or Higher in Composition I

This college level literature class will examine literary texts through a modern lens and through an understanding of history and culture, allowing students to read and discuss and making meaning collaboratively as a class. This class will replace AP Literature on the schedule, and students interested in AP lit should take this class instead! Completion of this course will result in college credit through the CCP program.

Social Studies

World History

Prerequisite: None

The focus of this class is to give students a global perspective of Modern World History from 1700 to present. Students will develop their ability to identify, analyze, and evaluate information pertaining to world cultures and events. A main goal of this course is to encourage and teach students to use this knowledge, along with other research to interpret and communicate historical arguments. In addition, students will also cultivate their research skills. Skills they will develop include selecting topics, collecting and interpreting data, analyzing primary and secondary sources, and creating and defending a thesis.

U.S. History

Prerequisite: None

This is a survey course of major periods in United States History from 1877 to 2001. Upon completion of this course, students will be able to describe and analyze major events and patterns in United States History, identify cause and effect relationships in relation to specific periods of history, and interpret evidence from primary sources, including visual art and music. This course builds on the arts integrated mission of the school by incorporating visual and performing arts as students master the Ohio's Learning Standards.

U.S Government

Prerequisite: U.S History

This course will examine the origins and foundations of American government and the Constitution, as well as examining how government has changed over time. Students will also examine the structures and powers of the U.S. government and Ohio's government. Throughout the course, students will learn to develop their own voice to participate in civil society.

Psychology

Prerequisite: U.S History & Government. Seniors Only

In this class we will be studying how psychology applies to our family, our friends, our communities, and ourselves. This course will focus on studying multiple aspects of psychology and will serve as a survey course to briefly touch on many of the individual components that make up *the field*. As this is a survey course that provides a general overview regarding multiple aspects of psychology, we will be discussing topics that might be triggering such as abnormal psychology, eating disorders, drug abuse and trauma.

CCP Intro to Philosophy***Prerequisite: Admission into CCP program***

This course offers an introduction to the problems, methods, and terminology of philosophy, the types of questions addressed by philosophers, and the pivotal thinkers and systems of Western civilization from the Greeks to the 20th century. PHIL 1101 meets elective requirements in the Associate of Arts and Associate of Science Degree programs and distributive transfer requirements in philosophy and humanities.

CCP Intro to Logic***Prerequisite: Admission into CCP program***

This course is an introduction to critical thinking and methods of inductive, deductive, and symbolic logic. PHIL 1150 meets elective requirements in the Associate of Arts and Associate of Science Degree programs and, in some instances, mathematics and science.

Foreign Language

Spanish I

Prerequisite: None

This class will provide students with a general introduction to the Spanish language, including pronunciation, functional vocabulary related to everyday life, culture, and basic grammatical structures. Emphasis will be on the acquisition of the four linguistic skills - listening, speaking, reading, and writing. There are two main objectives to the course: to give students the ability to carry out simple conversations with memorized phrases; and to provide students with a basic understanding of vocabulary, grammar, and Hispanic/Latino cultures.

Spanish II

Prerequisite: Spanish I

Spanish II builds upon knowledge gained in Spanish I. Emphasis is on increased communicative proficiency. Students will be expected to be able to speak and write with more self-constructed, original sentences and listen and read with more fluency. In the interest of furthering students' spoken fluency, students will be asked to participate in an immersion environment and sign a "No English" contract.

Spanish III

Prerequisite: Spanish II

Spanish 3 is offered to highly motivated students who want to be challenged with a fast-paced curriculum. Grammar and vocabulary will be covered in more depth than in previous courses. Students will continue to develop their understanding of Hispanic/Latino cultures by engaging with literature, art, history, music, and current events. Emphasis will continue to be on the four linguistic skills of listening, speaking, reading, and writing. Students will be exposed to authentic material and various media sources in the target language. Spanish will be used for the vast majority of instruction.

Spanish IV

Prerequisite: Spanish III

Spanish 4 is designed to prepare academically motivated students to continue their study of Spanish at the college level and beyond. This course focuses on advancing students intermediate level communication skills in Spanish through conversation, debate, presentations and formal writing on current and historical events and topics. Students will read and analyze authentic Spanish literature and film and discuss contemporary issues in the target language.



Visual Art

Freshman Visual Art

Prerequisite: None

In this course you will become familiar with the art studios at ACPA while you delve into different art making techniques, styles and approaches. Your main tools for this class will be a sketchbook/visual journal, your imagination, and your willingness to try new things.

Freshman Media Arts

Prerequisite: None

This course will introduce the emerging technical and digital art fields through mini projects in photography, graphic design, and videography. Students will explore industry standard software like Adobe Photoshop and Illustrator and get a taste of the digital media art fields. The final project will be to build a portfolio to house artworks from all mediums and courses throughout your years at ACPA!

Ceramics 1

Prerequisite: None

Get muddy and learn to manage the various stages of clay as you build and glaze everything from useful objects to creative creatures. Use your creativity and develop persistence as you make each project your own and learn the ins and outs of the ceramics studio at ACPA.

Advanced Ceramics

Prerequisite: Ceramics 1 or Equivalent

Media Arts 1

Prerequisite: None

This is an intro level course that explores digital media concepts and techniques used in graphic design, photography, and videography. Students will use Adobe software to complete projects that focus specifically on hue/color theory, lighting, and composition/framing in all of the mediums. Students will have a final capstone project and build or add to their ACPA art portfolios.

Media Arts 2

Prerequisite: Media Arts 1 or Equivalent

An advanced level course that focuses on digital photography (raster-based, pixel art) in Adobe Photoshop and graphic design (vector art) in Adobe Illustrator. We will cover capturing, editing, and manipulating images and composite art through advanced techniques. And we will explore design principles and industry standards used in professional settings. Students will have a final capstone project and build or add to their ACPA art portfolios.

Media Arts 3

Prerequisite: Media Arts 1 & 2 or Equivalent

An advanced level course that will explore videography, motion graphics, and 2D/3D animation through rigorous practice and projects. Students will dig deeper into industry standard apps like Adobe Premiere and Animate, and 3D modeling and animation in Blender. We will cover various recording techniques for video and audio, in addition to working through different editing styles, while working through 2D flat design techniques and 3D object, character, and environmental design. Students will have a final capstone project and build or add to their ACPA art portfolios.

Costume Design

Prerequisite: None

Build your design, drawing, sewing & construction skills. Aspects of visual art & theater will merge in this hands-on course. Students will document their process through photography and reflection as a part of portfolio building.

Illustration: Character Design

Prerequisite: None

Do you enjoy drawing and creating original characters? Learn essential skills for character design including proportion, pose and shape language to create human & non-human characters. Practice illustrating clothing by focusing on shape, color, texture, light & shadow. Projects will explore digital tools, traditional media and experimental processes to build your range and confidence with tools & materials.



Illustration: Story and Setting

Prerequisite: None

Share your ideas through creative drawing & short narratives. Learn linear perspective, storyboarding and depth techniques to create settings & backgrounds for your characters to inhabit. Develop your stories and collaborate to take ideas further. Projects will explore digital tools, traditional and experimental materials to build confidence and variety in your portfolio.

Drawing & Painting

Prerequisite: At least one semester of Art or Illustration

Apply your skills and learn more about various media as you draw and paint from observation, imagination and your memory. Learn to use references, research and planning to bring your concepts and inspirations to life.

AP Art and Design

Prerequisite: Teacher Permission

Students who are highly motivated and want to push themselves to make their best artwork should consider taking this challenging course. Build a high-quality portfolio through in-depth exploration of the Elements and Principles of Art, a supportive studio setting, and creative personal vision. You will be expected to stretch outside of your comfort zone to create a portfolio with a large variety of media, techniques and approaches to artmaking as well as to focus on your own BIG IDEAS. Selected students will submit to the College Board in May.



Instrumental Music

Freshman Piano

Prerequisite: None

Introduction to playing Piano. Learning skills and music theory to support song learning and music performance. Repeatable course for students looking to continue learning piano.

Freshman Percussion

Prerequisite: None

Always tapping out beats on your desk? Ever been caught air drumming to your favorite song, or wondered what it would be like to do the real thing? In this course, we'll learn and explore a variety of percussion instruments and music from different genres and cultures. No experience necessary!

Guitar & Strings 1

Prerequisite: None

Introduction to playing Guitar and Stringed instruments. Learning skills and music theory to support song learning and music performance.

Guitar & Strings 2

Prerequisite: Guitar & Strings 1

Intermediate to advanced Guitar and Stringed instrument playing. Focusing on skills needed to master solo or ensemble performing. Repeatable course for students looking to continue learning stringed instruments.

Percussion

Prerequisite: None

Have you ever dreamed of being a drummer in a rock band or a drum line? Have you ever wanted to play the djembe, marimba, Cajon, or vibraphone...or at least learn what they are? In this course, we'll study the basics of playing percussion instruments, including bucket drumming, drum set, mallet percussion (like xylophones), and hand percussion. Using these instruments and more, you will perform, improvise, and compose percussion music from various genres and cultures. Beginners are welcome!

Percussion 2

Prerequisite: Percussion

Did you take percussion this year, but want to learn more and keep improving? Are you ready to take on bigger musical challenges like playing with four mallets or performing solos? In this course, we'll dig deeper into the world of percussion to learn new styles, techniques, and more challenging pieces. Using the unique skills and interests of the class, we will also collaborate to compose original percussion music. This course is open to anyone who has already studied percussion for at least one year.

Band Lab 1

Prerequisite: 1 credit of same instrument / choir OR at least 1 year of outside experience on the same instrument

Have you ever dreamed of performing on stage with your own band? Do you write songs - or want to start? Have you mastered the basics of your instrument or voice? In this course, you will form a band with a small group of classmates, and work together to write and perform original songs. With your bandmates, you will also master basic band skills, from solving creative conflicts to setting up a microphone. All instruments welcome!

Band Lab 2

Prerequisite: Band Lab 1

Have you already taken Band Lab 1? Want to continue with your old band - or start a new one? Are you ready to tackle bigger creative challenges and take your music beyond the walls of ACPA? In this course, you will form a band with a small group of classmates, and work together to write and perform original songs. With your bandmates, you will also explore different ways of connecting with the local music scene, sharing your music, and staying musically active, both in AND outside of school.

Artist Collective

Prerequisite: Three credits of the same art & teacher approval, SENIORS ONLY

Are you a dedicated musician, dancer, visual artist, actor, writer, or other kind of artist? Have you ever wanted to collaborate with someone from another art form? Do you want to push your creative boundaries...and maybe get a little weird? In this course, senior artists from all art forms will come together to connect, collaborate, and create. Throughout the year, we will explore what it means to make a life - not just a living - in the arts.



Vocal Music

Freshman Voice

Prerequisite: None

An introductory course designed to prepare students for participation in ACPA's Vocal Music program. There will be a focus on the production of solid intonation, blending colorful harmonization, executing precise diction and rhythmic performance. This group will learn music through both sight singing from sheet music as well as aurally by listening to part tracks to build on both necessary music learning skills. The group goal is to provide a space where all ACPA singers can enjoy being a part of an ensemble that produces exciting choral music that focuses on storytelling and connection with ensemble members and its audiences.

One Voice Choir

Prerequisite: None

A mixed ensemble is designed to ignite the joy of singing and to provide students with the principles of vocal technique. There will be a focus on the production of solid intonation, blending colorful harmonization, executing precise diction and rhythmic performance. This group will learn music through both sight singing from sheet music as well as aurally by listening to part tracks to build on both necessary music learning skills. The group goal is to provide a space where all ACPA singers can enjoy being a part of an ensemble that produces exciting choral music that focuses on storytelling and connection with ensemble members and its audiences. ACPA, sign up for "The ONE" and let's ALL sing!

Theater

Freshman Acting

Prerequisite: None

Students in this class will study the fundamentals of acting and performance. We will be creating performances in dramatic theater, as well as in comedy. Students will gain stage and performance skills, working on physical and vocal technique, audition skills, and movement. Students will be required to perform for the class daily, and will also develop performances for the larger school community.

Stagecraft & Production Tech

Prerequisite: None

This course will introduce students to the technical aspects of theater. Students will learn to navigate the design process for all aspects of stage production, including lights, sound, costumes, makeup and sets. The class will not only create design projects in the classroom, but will also help to create real performances around the school—anything from designing and running lights for the Band Lab showcase to building a forest for the Spring Musical. This class may be repeated for credit; students repeating this class require instructor permission. Students repeating this course will be expected to create an independent portfolio project.

Comedy & Improv

Prerequisite: None

This theater course will teach the fundamentals of comedy through improvisational theater. We will study stage games, physical exercises for the theater, and a variety of styles of improvised performance. Students will gain performance and stage skills as well as skills in spontaneity, listening and acceptance. All students in this class will be required to perform on stage daily, and participation is always required. Students will also be required to perform in community performances during or after school.

Acting Styles: Period and Genre

Prerequisite: Passing grade in any theater class or instructor permission

Students in this class will practice acting across a range of period styles and genres ranging from contemporary realism to farce to Greek tragedy. The class will closely examine the techniques and styles of these eras and how these styles can be used in a modern context.

Theater Composition

Prerequisite: None

In this class students will create and perform their own theater pieces in a variety of genres, from sketch comedy and stand-up to performance art and devised theater. Students in this class will be expected to do sustained independent work and to perform both in class and for a larger audience.

Dance & Movement

Freshman Dance

Prerequisite: None

This is a beginner level course designed to introduce students to ACPA's dance program. Dancers will learn fundamental technical skills for ballet and jazz, conditioning techniques, and complex dance combinations.

Stretch, Strength, & Flow

Prerequisite: None

This class will cover the physical education requirements. The course will take a holistic wellness approach, focusing on the American College of Sports Medicine guidelines for physical activity, an introduction to yoga and meditation, and basic nutrition. At the completion of this course students will be able to create habits for an overall healthier lifestyle.

Ballet & Jazz 1

Prerequisite: None

This is a beginner level course that introduces fundamental technical skills for ballet and jazz, conditioning techniques, and complex dance combinations. This class will challenge you to hone your technical dance skills and learn to dance expressively within the ballet and jazz genres. This class will feature 2 days of ballet, and 2 days of jazz each week.

Ballet & Jazz 2

Prerequisite: Ballet & Jazz 1 or instructor approval

This is an intermediate-advanced level course for students who have multiple years of dance experience. This class builds on fundamental technical skills and introduces more advanced skills. This class will offer cover more advanced conditioning techniques, and challenging dance combinations. This class will challenge you to grow your technical dance skills and focus on dancing expressively with various performances throughout the year. This class will feature 2 days of ballet, and 2 days of jazz each week.

Contemporary Dance

Prerequisite: None

This dance class is an all-levels technique class. This style incorporates modern dance techniques with overlapping features of lyrical dance. This course will offer fundamental modern and contemporary dance skills and challenge dancers to learn complex dance combinations.

Dance Composition

Prerequisite: 1 Dance Class Per Year and Teacher Permission (SENIORS ONLY)

Choreography and improvisation are advanced concepts in dance and are intended for the serious dance student. This course covers the in-depth exploration of the principles and elements of choreography. This class will conclude with student choreographed group and solo pieces.

Freshman Yoga

Prerequisite: None

Yoga builds flexibility, balance, strength & calm and teaches tools for confidence, depression, anxiety and stress. Students will learn breathing techniques, mindfulness practices and yoga poses to become more comfortable in their body. Yoga is a quiet, focused, inward practice: resting "restorative" poses, relevant anatomy and journaling will be practiced supporting mind & body health. Most materials are provided but students will need comfortable, stretchy clothing.

Yoga

Prerequisite: None

Yoga builds flexibility, balance, strength & calm and teaches tools for confidence, depression, anxiety and stress. Students will learn breathing techniques, mindfulness practices and yoga poses to become more comfortable in their body. Yoga is a quiet, focused, inward practice: resting "restorative" poses, relevant anatomy and journaling will be practiced supporting mind & body health. Most materials are provided but students will need comfortable, stretchy clothing.

