

Class	Prereqs and helpful information from the teacher
English 10	<p>English 10 focuses on essential questions related to the overarching theme, "Community." Students read WHOLE novels to better understand communities, both ones that are familiar and ones that are unfamiliar. Students will read and respond to texts orally and in writing, with an emphasis on full-length fiction and nonfiction and persuasive, reflective, interpretative, and analytical writing. Students are expected to write often and at length, expounding and expanding on their ideas. Furthermore, students are expected, in their reading, to move beyond understanding and to analyze in depth. The standard level devotes more time than the Intensified level on skill development in reading, writing, and speaking.</p> <ul style="list-style-type: none"> * Small and whole-class discussions about literature and nonfiction reading * Multi-paragraph writing in different genres (narrative, research, argumentative) * Homework requires an average of 30 minutes between classes of reading / writing assignments.
English 10 Intensified	<p>The Intensified level requires more extensive workload of reading and writing, advanced vocabulary, independent management of project-based learning steps, and high-level performance beyond that required in the Standard sections.</p> <p>Expectations:</p> <ul style="list-style-type: none"> * Students should be able to independently manage their workload and submit assignments based on Canvas due dates * Homework requires an average of one hour between classes of reading / writing assignments.
Economics & Personal Finance	<p>Learn about the financial and occupational side of life. Short term and long term projects and units teach you about the ins and outs of personal finance. In the Macro Economics half, you will learn about basic economic concepts like supply and demand, markets, supply chain, fiscal and monetary policy, banking, and cover topics like microlending's impact on poverty and small business entrepreneurship.</p>
Chemistry	<p>This course prepares students for college-level chemistry and enhances their critical thinking skills. It focuses on laboratory work, including data analysis, chemical quantity manipulation, and problem-solving. Students will learn about the interactions of matter and energy through experimental and analytical investigations, with a strong emphasis on project-based explorations as a key component of the curriculum.</p>
Chemistry Intensified	<p>Prereq/Co-req: Algebra II.</p> <p>Intensified includes all of the above in greater detail and the independent research project as spelled out in the Summer Assignment</p>
Algebra Functions and Data Analysis (AFDA)	<p>by invitation only</p> <p>This course covers the first 5 major units in Algebra 2. This course is intended for students who do not have a strong foundation of Algebra 1 and needs support before attending Algebra 2</p>
Geometry	<p>Prereq: Algebra 1</p> <p>In Geometry, be ready to use algebraic rules and apply it to geometric concepts.</p>
Geometry Intensified	<p>Prereq: B in Algebra 1</p> <p>In Intensified we have an increase rigor, pacing and we prioritize proofs with no support.</p>
Algebra II	<p>Prereq: Geometry</p> <p>Best for students who have a strong foundation of Algebra 1 and Geometry. Students should prepare to have a Whole class lesson, followed by an activity for practice, finishing with Homework each night.</p>

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Algebra II/Trig Intensified	<p>Prereq: B in Geometry Intensified or Prerequisite: Grade "B" or better in Geometry, Intensified or "B" in both Algebra I and Geometry</p> <p>This is taught as a "flipped classroom" where students are expected to watch videos of the lesson at home, and then come to class the following day prepared to practice what they learned the night before.</p>
DE Pre-Calculus	<p>Prereq: 3.0 GPA and C in Algebra II</p> <p>Fast paced class and students need to have a basic understanding of foundational algebraic concepts: Factoring, simplifying radicals, multi-step operations. Students should be able to recognize the basic functions and their transformations.</p> <p>This is taught in a flipped style, students will be expected to watch videos and prepare before coming to class"</p>
Art I	<p>Best for kids who enjoy using their hands and want to explore their own creativity. We do traditional painting and drawing projects but also do fiber arts (embroidery, felting), paper building and folding (tunnel books, origami sculptures), and create work for an end of year gallery show. Lots of flexibility and choice are given in this class but don't expect to get an A just by showing up.</p>
Art II	<p>A continuation of the same environment in Art I, except with more individual choice and expression. We do projects around printmaking, bookmaking, stained glass, and screen-printing. Art II students are in charge of conceptualizing and curating our end of year gallery show. Expect at least two field trips during the year and to have a visiting artist in class once a quarter.</p>
Digital Photography I	<p>A rigorous course with most projects needing to be completed outside of class time. You'll learn all about how cameras work, the creative choices you can make when creating an image and why visuals are so important in our lives. Expect technical and abstract assignments with written reflections accompanying your images. Personal responsibility is a must- you'll be in charge of an \$850 camera for the entire school year (you break it/loose it, you pay for it).</p>
Digital Photography II	<p>For students who genuinely enjoyed Photo I, expect lots of creative freedom and choice with projects. There are some graphic design assignments peppered throughout the year so students can learn how imagery works with text and branding/packaging. Usually this class is on the smaller side so you get to know your peers really well and critiques are much more focused/individualized. Expect to work on photo projects for longer periods outside of school and to complete graphic design work during class time.</p>
Aviation I	<p>This introductory ground school course focuses on the foundational principles of flight training, including aerodynamics, aircraft systems, flight instruments, and aeronautical decision-making. Students also explore airport operations, airspace, navigation, and basic weather theory. Through engaging lessons and simulator instruction, students build a solid base of knowledge and skills, starting their journey toward becoming a pilot. No prior experience is required—just a passion for aviation and a readiness to learn!</p>
UAS Drones	<p>This course prepares students to pilot drones under the FAA Part 107 guidelines for small unmanned aircraft systems (sUAS) and to take the FAA Part 107 certification exam. Students gain a comprehensive understanding of the national airspace system, FAA regulations, weather monitoring, drone performance, and flight operation logistics. Through hands-on training and piloting, students develop the technical and administrative skills necessary for safe and effective drone operations, opening pathways to exciting careers in a growing industry. No prior experience is required!</p>
Materials & Processes Technology	<p>The science and engineering of solid materials and how to manufacture and produce the materials. It is an extension of chemistry with a focus on how and why materials are selected for its intended purpose. This elective is great for students who love science, especially Chemistry.</p>

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Auto Collision I DE Auto Collision* * 2.25 gpa requirement	Have you ever wondered how cars are built or what happens to them after they are crashed? In this course you will learn about the construction of vehicles, how to repair them after an accident and how to paint them. This is a 3 year program with the opportunity to earn I-CAR certifications.
Space Force JROTC	In Space Force JROTC, the class lessons focus on Aerospace (Col Dierlam) and Leadership (MSGT Victor) lessons. Cadets are required to wear the Space Force JROTC all day once a week and to meet the Space Force grooming standards to include a professional military hair style. Cadets are expected to attend 4 outside of class activities during the school year. To become a cadet leader cadets must attend some of our afterschool activities after school on Tuesday, Wednesday, and Thursday. However, a student can earn an A grade in the class by accomplishing the class lessons and wearing the uniform properly each week. To become the cadet squadron commander, the cadet must be able to attend our afterschool activities on a regular basis.
Psychology	We look at the big question. What motivates us, how does our mind work, and what can go wrong.
Journalism Yearbook	Students produce the yearbook. Over the course of the year, students work to fill the book and meet the publishing deadline.
Journalism Newspaper	This course is an English elective that develops skills in publishing print and digital media. Students practice journalistic writing and interviewing, learn about ethics and laws in media, and plan collaborative projects. Students are responsible for the production of the ACC Chronicle website, on which we publish content each week, and four print editions, published each quarter. Expectations: Students should be ready to pitch article ideas, give and receive feedback, and publish articles online every one to two weeks Leadership opportunities include editor-in-chief, creative manager, lead editor, lead publisher Grades are based use of class time, collaboration, and number of publications per quarter
Health Science	Curious about a career in healthcare? This class is your starting point! Explore exciting careers like EMT, pharmacy tech, or physical therapy aide while learning the basics of medical terminology, anatomy, and emergency care. You'll also pick up real-world skills like safety, professionalism, and job-seeking tips to help launch your future in healthcare. Ready to take the first step? This is the class for you!
DE Web Page Design & Multimedia * 2.25 gpa requirement	You'll build a beautiful personal portfolio website. Along the way you'll become a wiz at using your computer, learn some design concepts, how the internet works, and a bit about cybersecurity. At the end of this class, you'll have a good idea of what you want to study next - programming, cybersecurity, and/or graphic design.