
ARC COURSE CATALOG FOR IB STUDENTS

ARC IB Course Catalog

	9th	10th	11th	12th	CP Options
Math	Algebra I Algebra II	Geometry	IB Applications and Interpretation IB Analysis and Approaches		AP Calc AP Stat
Science	Honors Bio AP Bio	AP Chem AP Physics AP Enviro	IB Bio IB Physics		Anatomy Chemistry Physics
SS	AP Gov AP Human Geo	AP World	IB History		AP US History
English	Honors 9th Lit	AP Lang	IB Lit		AP Lit British Lit
Foreign Lang	Spanish I Spanish II	Spanish II IB Spanish Year 1	IB Spanish Year 1 IB Spanish Year 2	IB Spanish Year 2	
Electives	Heath and PE Culinary Arts JRTOC Journalism Visual Arts Theatre Arts Band Chorus Orchestra AP Art History		IB Music IB Psych IB Enviro Systems		
IB Only Classes	Scientific Research	Year-long Econ	TOK		PPS

Some explanations:

A semester course has two semesters, a part A and a part B. Each semester gives .5 credits. Each semester grade is reported to colleges separately (e.g. Algebra IA B, Algebra IB A). A yearlong course, such as an AP course, gives 1 credit and is reported as 1 grade to colleges. IB classes are two year courses but each year is reported to college separately.

Classes that are graded on a 4.0 scale award 4 points for an A, 3 points for a B, 2 points for a C, 1 point for a D, and 0 points for an F. Classes that are graded on a 5.0 scale award 5 points for an A, 4 points for a B, 3 points for a C, 2 points for a D, and 0 points for an F. Classes graded on 5.0 scale are AP, IB, and dual enrollment courses.

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Mathematics

Algebra I

9th grade

Semester Course

Classroom exam at the end of first semester; End-of-Course test in May

Graded on a 4.0 scale

Pre-requisites: Pre-Algebra

The first course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications.

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Honors Algebra II

9th or 10th grade

Semester Course

Classroom exam at the end of each semester

Graded on a 4.0 scale

Pre-requisites: Algebra I

It is in Honors Algebra 2 that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into 6 critical areas, organized into units. Students expand their repertoire of functions to include polynomial, rational and radical, exponential and logarithmic, and trigonometric functions. They apply methods from probability and statistics to draw inferences and conclusion from data. Finally, students bring together all of their experience with functions to create models and solve contextual problems.

Students must complete at least 1 learning task per quarter.

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Honors Geometry

10th grade

Semester Course

Classroom exam at the end of each semester; End-of-Course test in May

Graded on a 4.0 scale

Pre-requisites: Algebra 1, Algebra 2

Geometry is one course in a sequence of three required high school courses (also including Algebra 1 & Algebra 2) designed to ensure career and college readiness. The course represents a discrete study of geometry with correlated statistics applications. All Geometry students are required to take the Georgia End of Course Test for Geometry. This may not be exempted.

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IB Mathematics: Analysis and Approaches

11th-12th grade

Two year Course

IB Exam in May of senior year

Graded on a 5.0 scale

Pre-requisites: Algebra 1, Geometry, Algebra 2

This course includes topics that are both traditionally part of a pre-university mathematics course (for example, functions, trigonometry, calculus). Students who wish to take Mathematics: analysis and approaches should have strong algebraic skills.

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IB Mathematics: Applications and Interpretations

11th-12th grade

Two year Course

IB Exam in May of senior year

Graded on a 5.0 scale

Pre-requisites: Honors Algebra 1, Honors Algebra 2, and Honors Geometry

This is the math course that is designed for the students who will be pursuing degrees in arts, business, medical, etc. It is not ideal for those students who will be pursuing careers in Engineering, Chemistry, or Physics. This course covers material the real number system to introductory calculus. This material concentrates on real world applications and interpretations of those real world situations. It also helps to answer the question of *when will I ever use this*.

Students have an Internal Assessment (IA) that will begin in Year 1 and conclude in Year 2. The students will also average 50 - 60 investigations each year of the course.

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AP Calculus AB

12th grade

Yearlong Course

AP Exam in May

Graded on a 5.0 scale

Pre-requisites: Algebra 1, Algebra 2, Geometry, Trigonometry/Pre-Calculus

Explore the concepts, methods, and applications of differential and integral calculus. Students work to understand the theoretical basis and solve problems by applying knowledge and skills.

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AP Statistics

11th or 12th grade

Yearlong Course

AP Exam in May

Graded on a 5.0 scale

Pre-requisites: Algebra 2 or equivalent

This AP Statistics Course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students use technology, investigations, problem solving and writing as they build understanding.

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Sciences

Honors Biology

9th grade

Semester Course

Classroom exam at the end of first semester; End-of-Course test in May

Graded on a 4.0 scale

Pre-requisites: none

This is a rigorous biology course which prepares students for the rigors of IB Biology and AP Biology. Students will take the EOC at the end of this course required by the state of Georgia.

Students must complete Science Fair

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AP Bio

9th-12th grade

Yearlong Course

AP Exam in May

Graded on a 5.0 scale

Pre-requisites: A year of Biology and Chemistry is recommended, however a strong science student can do well in AP Bio as their first Biology course.

AP Biology is a college-level course that explores 4 Big Ideas in Biology - Evolution, Information Storage and Transfer, Energetics, and Systems Interactions. The curriculum is based on science practices and skills that allow application of content to demonstrate understanding.

A science fair project (independent research project) is required for this course. Taking AP Bio and IB Bio does not create a diverse science portfolio. IB Physics should be the first science choice for students that take AP Bio.

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AP Chemistry

10th grade

Yearlong Course

AP Exam in May

Graded on a 5.0 scale

Pre-requisites: General chemistry

This course is an in-depth study of more advanced chemical concepts which is challenging to both academic content and laboratory procedure. Students should attain a depth of understanding of the fundamentals of chemistry and reasonable competence in dealing with chemical problems.

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Practicing free response questions and applying the experience gained by labs to answer them.

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AP Physics 1

10th or 11th grade

Yearlong Course

AP Exam in May

Graded on a 5.0 scale

Pre-requisites: Geometry recommended, but not required.

Students will be introduced to the fundamentals of physics. This course will also challenge students to design, implement, and interpret several investigations through many lab settings. Topics include: Kinematics, Dynamics, Energy, Electricity, and Waves. Taking AP Physics and IB Physics does not create a diverse science portfolio. IB Bio should be the first science choice for students that take AP Physics.

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AP Environmental Science

10th grade

Yearlong Course

AP Exam in May

Graded on a 5.0 scale

Pre-requisites: Students should have completed two years of high school laboratory science—one year of life science and one year of physical science (e.g., a year of biology and a year of chemistry). Due to the quantitative analysis required in the course, students should also have taken at least one year of algebra. Also desirable (but not necessary) is a course in earth science.

Students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability.

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IB Physics

11th-12th grade

Two year Course

AP exam in May and IB Exam May of senior year

Graded on a 5.0 scale

IB Physics is a rigorous two year course where students will be taught a broad range of topics from kinematics to introductory astrophysics. Students will take the AP Physics 1 exam at the end of Year 1. Physics is the most fundamental of the experimental sciences as it seeks to explain the universe itself, from

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the very smallest particles to the vast distances between galaxies. Despite the exciting and extraordinary development of ideas throughout the history of physics, observations remain essential to the very core of the subject. Students will learn content and engage in lab experiences as a means to learn the applications of physics to the real world phenomena.

Students will design and implement an Internal Assessment (IA) during Year 2. Students will also need to complete a Group 4 Project during Year 2.

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IB Bio

11th-12th grade

Two Year Course

IB Exam May of senior year

Graded on a 5.0 scale

Pre-requisites: Honors Biology

Year 1 focuses on cellular structures and processes, ecology, and the theory of evolution. Year 2 builds on the knowledge of the cellular level of life and applies it to organs and organ systems. Year 2 also dives into the Option curriculum, Internal Assessment, and Group 4 Project.

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IB Environmental Systems and Societies (ESS)

11th-12th grade

Two Year Course

IB Exam May of senior year

Graded on a 5.0 scale

Pre-requisites: Must have Year 1 in order to progress to Year 2.

The Environmental Systems & Societies SL (ESS) course is a two year, interdisciplinary course. It is unique, in that it contains various sciences, coupled with a societal viewpoint, all intertwined to help students understand the environment and its sustainability. The purpose of this course is to expose students to the interrelationships of the environment and societies, and the nature of their interactions, so that they can make an informed personal response to a wide range of pressing global issues.

Students must complete an Internal Assessment (IA) in Year 2.

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Anatomy

11th or 12th grade

Semester Course

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Classroom exams at the end of each semester
Graded on a 4.0 scale

The human anatomy and physiology curriculum is designed to continue student investigations that began in grades K-8 and high school biology. This curriculum is extensively performance and laboratory based. It integrates the study of the structures and functions of the human body, however rather than focusing on distinct anatomical and physiological systems (respiratory, nervous, etc.) instruction should focus on the essential requirements for life. Areas of study include organization of the body; protection, support and movement; providing internal coordination and regulation; processing and transporting; and reproduction, growth and development. Chemistry should be integrated throughout anatomy and not necessarily taught as a standalone unit. Whenever possible, careers related to medicine, research, health-care and modern medical technology should be emphasized throughout the curriculum. Case studies concerning diseases, disorders and ailments (i.e. real-life applications) should be emphasized.

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Chemistry

11th or 12th grade

Semester Course

Classroom exams at the end of each semester
Graded on a 4.0 scale

The Chemistry curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to be proficient in chemistry. This curriculum includes more abstract concepts such as the structure of atoms, structure and properties of matter, characterization of the properties that describe solutions and the nature of acids and bases, and the conservation and interaction of energy and matter. Students investigate chemistry concepts through experience in laboratories and field work using the processes of inquiry.

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Physics

11th or 12th grade

Semester Course

Classroom exams at the end of each semester
Graded on a 4.0 scale

The Physics curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to be proficient in physics. This curriculum includes more abstract concepts such as interactions of matter and energy, velocity, acceleration, force, energy, momentum, and charge. This course introduces the students to the study of the correction to Newtonian physics given by quantum mechanics and relativity. Students investigate physics concepts through experience in laboratories and field work using the processes of inquiry.

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English

Honors 9th Grade Literature

9th grade

Semester Course

Classroom exam at the end of first semester; End-of-Course test in May

Graded on a 4.0 scale

Pre-requisites: none

English is a course or individual class in the study of world literature, language, or composition. We will interpret, analyze, synthesize, and evaluate different writers, cultures, and compositions. That students must be able to use formal English in their writing and speaking but that they must also be able to make informed, skillful choices among the many ways to express themselves through language. It is important to note the impact of the standards on classroom instruction: building knowledge through content-rich nonfiction; reading, writing and speaking grounded in evidence from the text, both literary and informational; and regular practice with complex text and its academic language.

Students are expected to study nightly.

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AP Language

10th grade

Yearlong Course

AP exam in May

Graded on a 5.0 scale

Pre-requisites: Summer work & previously passed English course

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. (apcentral.collegeboard.org)

“Issues that might, from particular social, historical, or cultural viewpoints, be considered controversial, including references to ethnicities, nationalities, religions, races, dialects, gender, or class, may be addressed in texts that are appropriate for the AP English Language and Composition course. Fair representation of issues and peoples may occasionally include controversial material. Since AP students have chosen a program that directly involves them in college-level work, participation in this course depends on the level of maturity consistent with the age of high school students who have engaged in thoughtful analyses of a variety of texts. The best response to controversial language or ideas in a text might well be a question about the larger meaning, purpose, or overall effect of the language or idea in context. AP students should have the maturity, skill and will to seek the larger meaning of a text or issues through thoughtful research.” – English Language and Composition Course Description, College Board AP

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IB English Literature A

11th-12th grade

Two year Course

IB exam in May of senior year

Graded on a 5.0 scale

Pre-requisites: It is a 2 year course so you need to take it for both 11th and 12th grade.

IB English HL promotes a lifelong interest in literature and an expanded cultural understanding through the study of and participation in literary criticism in a variety of genres and contexts. Students will practice detailed analysis of written text that leads to excellent oral and written skills of expression. Students will demonstrate a clear command of language for commentary on personal and critical response to literature, effective style and rhetoric, relationships between and among works, and structured argumentation. This course is a two-year program which concludes with students completing the IB Exam. The course includes required literature by IB which demands emotional and intellectual maturity of students.

Students will be reading at least 11 novels in two years and most novels will need to be bought by the student.

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AP Literature

11th or 12th grade

Yearlong Course

AP exam in May

Graded on a 5.0 scale

Pre-requisites: Summer work & previously passed English course

The course focuses on an intensive study of representative works from various literary genres and periods. The focus is on the complexity and thorough analysis of literary works. The students will explore the social and historical values that works reflect and embody. The textual detail and historical context provide the foundation for interpretation: the experience of literature, the interpretation of literature, and the evaluation of literature. Writing to evaluate a literary work involves making and explaining judgments about its artistry and exploring its underlying social and cultural values through analysis, interpretation, and argument (e.g. expository, analytical, and argumentative essays). The writers will develop stylistic maturity: strong vocabulary, sentence variety, and effective use of rhetoric to maintain voice. An AP syllabus will be submitted and approved by College Board.

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British Literature

12th grade

Semester Course

Classroom exams at the end of each semester

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Graded on a 4.0 scale

Pre-requisites: Successful completion of previous English courses

This course focuses on the study of British literature, writing modes and genres, and essential conventions for reading, writing, and speaking. The students develop an understanding of chronological context and the relevance of period structures in British literature. The students develop an understanding of the ways the period of literature affects its structure and how the chronology of a work affects its meaning. The students encounter a variety of informational and literary texts and read texts in all genres and modes of discourse. Reading across the curriculum develops the students' academic and personal interests in different subjects. While the continued focus is expository writing in British literature, the student will also demonstrate competency in a variety of writing genres: narrative, persuasive, and technical. The students will engage in research, the impact that technology has on writing, timed writing, and the writing process. Instruction in language conventions will occur within the context of reading, writing, and speaking, rather than in isolation. The students demonstrate an understanding of listening, speaking, and viewing skills for a variety of purposes. THIS COURSE MUST REFLECT THE GEORGIA PERFORMANCE STANDARDS.

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Social Studies

AP Human Geography

9th grade

Yearlong Course

AP Exam in May

Graded on a 5.0 scale

Pre-requisites: American Government

A year-long course focused on the distribution, processes, and effects of human populations on the earth. Students will gain an understanding of the concepts, themes, skills, and perspectives of the academic discipline of Human Geography.

Students must be able to access and use the class website.

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AP Government and Politics

9th grade

Yearlong Course

AP Exam in May

Graded on a 5.0 scale

Pre-requisites: none

AP Government and Politics is a comprehensive view of the history, function, and philosophies that have shaped the government of the United States. Students are able to demonstrate their understanding through a variety of assignments and projects. This class is for students who read and write beyond grade level.

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AP World History: Modern

10th grade

Yearlong Course

AP exam in May

Graded on a 5.0 scale

Pre-requisites: Acceptance into MYP Program/Successful completion of 9th level coursework

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

College level course; Extensive reading is required.

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AP US History

11th or 12th grade

Yearlong Course

AP exam in May

Graded on a 5.0 scale

Pre-requisites: none

Conforms to College Board topics for the Advanced Placement United States History Examination. Covers discovery and settlement, Colonial Society, the American Revolution, Constitution and the New Republic, Age of Jefferson, Nationalism, Sectionalism, Territorial Expansion, Civil War, Reconstruction, Industrialization, Progressive Era, World War I, Depression, New Deal, World War II, The Cold War, through modern times.

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IB History of the Americas

11th-12th grade

Two Year Course

IB exam in May of senior year

Graded on a 5.0 scale

Pre-requisites: Successful completion of all MYP social studies courses in 9th and 10th grades.

IB History I focuses on the history of the United States in the context of North American history. The first semester covers Colonization through the Reconstruction era. The second semester focuses on the late 19th century to the election of 2008. This course will prepare students for the AP United States History exam in 11th grade and for Paper 3 of the IB History exam in 12th grade. Year II will cover the content for Paper I and Paper II of the IB History exam. The IB Diploma Programme (DP) history course is a world history course based on a comparative and multi- perspective approach to history. It involves the study of a variety of types of history, including political, economic, social and cultural, and provides a balance of structure and flexibility.

Students will learn specialized writing techniques to analytically address history prompts using both primary and secondary sources. Students will sit for IB History Exam at the end of Year II. Content from IB History, Year I and Year II will be assessed through 3 Papers. Year II covers Papers I & II, while IB History Year I covers content for Paper III.

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Foreign Language

Honors Spanish I

9th grade

Semester Course

Semester Exams

Graded on a 4.0 scale

Pre-requisites: Complete Summer Project

Students are challenged to speak, read, and write in the Spanish Language. Various activities will require planning and effort to prepare students to be successful for the IB test.

Students must expect to take weekly quizzes, complete monthly projects, record weekly videos/give presentations, and in paragraph form (in Spanish) answer writing prompts throughout the year.

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Honors Spanish II

9th or 10th grade

Semester Course

Semester Exams

Graded on a 4.0 scale

Pre-requisites: Spanish 1

Rigorous course designed to immerse students in a new language and culture and prepare them for a multilingual diverse world.

By the end of the course students should be able to have a short conversation using basic Spanish phrases and vocabulary as well as be able to write a short cohesive paper using basic Spanish vocabulary and adhering to the language's rules of grammar.

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IB Spanish

10th and 11th grade or 11th and 12th grade

Two year course

IB exam in May of senior year

Graded on a 5.0 scale

Pre-requisites: Spanish 2

Spanish IB consists of developing and refining listening, speaking, reading and writing skills in all the grammatical tenses using a whole language approach. There is a tremendous emphasis on preparing students towards the oral and written I.B. examinations by using outside sources such as magazines, newspapers, letters and videos. Through the process of language acquisition students will increase critical thinking skills, develop proficiency in the language, appreciate the many differences and similarities among

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people in our own country and around the world, and be more open to meeting new people. Spanish study fulfills World Language requirements, prepares students for college language requirements and increases their marketability in the global community.

Students will improve their listening, speaking, reading and writing skills in Spanish while using a wide range of authentic resources and higher level thinking. They will understand and use accurate oral and written forms of language that are commonly encountered in varied authentic situations. The students will express themselves and communicate with clarity and fluency. The students will broaden their vocabulary knowledge and be able to use it and interact with it in a variety of settings.

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IB Only Classes

Scientific Research

9th grade

Semester Course

Semester Exams

Graded on a 4.0 scale

Pre-requisites: Acceptance into IB Programme

This course is designed to provide IB students with tools necessary to succeed in the International Baccalaureate Programme. This includes academic honesty, research strategies, and familiarity with the terminology for IB.

Students must complete the IB Middle Years Programme Community Project in order to remain in the IB Programme.

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Economics

10th grade

Semester Course

End-of-Course test in May

Graded on a 4.0 scale

Pre-requisites: Acceptance into IB Programme

Economics is a required course with a Georgia Milestones end of course test. It is the study of how individuals, businesses, and governments make decisions about how to allocate scarce resources. IB 10th grade students currently take this course over the year and take the final in May.

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Theory of Knowledge

11th-12th grade

Two Year Course

TOK Essay

Graded on a 5.0 scale

Pre-requisites: none

Through discussions of these and other questions, students gain greater awareness of their personal and ideological assumptions, as well as developing an appreciation of the diversity and richness of cultural perspectives. (ibo.org)

Students will complete a TOK 1600-word essay over the course of a year and a half. Students are also expected to complete a presentation to complement their essays.

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Personal and Professional Skills

11th-12th grade

Two Year Course

Classroom Exam

Graded on a 5.0 scale

Pre-requisites: none

Personal and Professional Skills course promotes the development of research, writing and extended communication skills, intellectual discovery and creativity. In particular, the theme of applied ethics in the personal and professional skills course directly supports students in understanding and determining key concepts for their reflective project.

Essay (3000 words) or (1500-2000 words) and one of the following: o Dialogue/Short Play (7 minutes) o Short Film (7 minutes) o Radio Play/Interview (7 minutes) o Storyboard/Photographic presentation (7 minutes). 25 hours of Language Development/25 hours if Service Learning (Year 1 and Year 2 hours should equal 50).

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Electives

Health and PE

9th grade

Semester Course

Graduation Requirement

Semester exams

Graded on a 4.0 scale

Pre-requisites: none

Explores the mental, physical and social aspects of life and how each contributes to total health and well-being. Emphasizes safety, nutrition, mental health, substance abuse prevention, disease prevention, environmental health, family life education, health careers, consumer health, and community health.

Provides instruction in methods to attain a healthy level of physical fitness. Covers how to develop a lifetime fitness program based on a personal fitness assessment and stresses strength, muscular endurance, flexibility, body composition and cardiovascular endurance. Includes fitness principles, nutrition, fad diets, weight control, stress management, adherence strategies and consumer information; promotes self-awareness and responsibility for fitness.

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JROTC

9th-12th grade

Semester Course

Semester exams

Graded on a 4.0 scale

Pre-requisites: none

This course includes classroom instruction and laboratory instruction expanding on skills taught in LET 1. This course introduces equal opportunity and sexual harassment. It provides instruction on leadership styles and practical time to exercise leadership theories as well as the basic principles of management. It provides self-assessments that help students determine their skill sets and opportunities to teach using accepted principles and methods of instruction. It emphasizes community projects to assist in drug prevention efforts, includes dietary guidelines and fitness and introduces map-reading skills. It discusses the significant events that helped shape and develop the Constitution and government and teaches the role of political parties in the election process. The performance standards in this course are based on the performance standards identified in the curriculum for the US Army JROTC. Successful completion of at least three units of credit in the Army JROTC program will qualify the student for advanced placement in a college ROTC program or accelerated promotion in the military service.

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Culinary Arts

9th-12th grade

Semester Course

Semester exams

Graded on a 4.0 scale

Pre-requisites: none

Culinary Arts I is designed to create a complete foundation and understanding of Culinary Arts leading to post-secondary education or a foodservice career. Building from techniques and skills learned in Foundation of Culinary Arts, this fundamentals course begins to involve in-depth knowledge and hands on skill mastery of Culinary Arts.

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Journalism

9th-12th grade

Semester Course

Semester exams

Graded on a 4.0 scale

Pre-requisites: none

This course focuses on journalistic writing through analysis of newspapers, yearbooks, literary magazines, and broadcast journalism publications. A concentration on the following components of journalistic writing is critical: influence, purpose, structure, and diction. Reading, writing, and critical thinking are key components as students explore the power and influence of journalism. Students will participate in news gathering, the study of ethics, and the aspects of copy writing, editing, and revising and will study the ethics of journalism. If a publication is produced, the students will learn the process of publishing.

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Visual Arts

9th-12th grade

Semester Course

Semester exams

Graded on a 4.0 scale

Pre-requisites: none

Introduces art history, art criticism, aesthetic judgment and studio production. Emphasizes the ability to understand and use elements and principles of design through a variety of media, processes and visual resources. Explores master artworks for historical and cultural significance.

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Theatre Arts

9th-12th grade
Semester Course
Semester exams
Graded on a 4.0 scale
Pre-requisites: none

Enhances level-one skills by producing and studying children's theater in depth with performance opportunities.

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Band

9th-12th grade
Semester Course
Semester exams
Graded on a 4.0 scale
Pre-requisites: none

Provides opportunities for performers to increase, develop and refine performance skills and precision on a wind or percussion instrument. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music at advanced levels of understanding. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and learning strategies and ensemble experiences.

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Chorus

9th-12th grade
Semester Course
Semester exams
Graded on a 4.0 scale
Pre-requisites: none

Provides intermediate-level performers opportunities to increase performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.

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Orchestra

9th-12th grade

Semester Course

Semester exams

Graded on a 4.0 scale

Pre-requisites: none

Provides opportunities for intermediate-level performers to increase performance skills and precision on orchestral stringed instruments. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.

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AP Art History

10th, 11th or 12th grade

Yearlong Course

AP exam in May

Graded on a 5.0 scale

Pre-requisites: none

Conforms to College Board topics for the Advanced Placement History of Art Examination. Covers prehistory to Egyptian, Greek and Roman, Early Christian, Byzantine, Early Medieval, Romanesque, Gothic, Renaissance and Mannerist, 17th and 18th century, 19th century, 20th century and non-Western art.

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IB Psychology

11th-12th grade

Two year Course

IB exam in May of senior year

Graded on a 5.0 scale

Pre-requisites: IB Psychology Year 1

Gives students a broad understanding of psychology and of its different theoretical approaches. Guides students through the study of human behavior by examining key topics from four distinct perspectives: behavioral; cognitive; humanistic/ phenomenological; and psychodynamic.

Internal Assessments throughout the year

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IB Music

11th-12th grade

Two year Course

IB exam in May of senior year

Graded on a 5.0 scale

Pre-requisites: Play an instrument or sing

IB Music is a course designed to increase your knowledge of the elements of international music. Your increasing knowledge will be evidenced through performing, creating, and responding to music.

Students must complete assigned projects (Music Links Investigation, 20-minute performance recording, 3 music compositions, and a music theory packets

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