



Gilbert Classical Academy
2019-2020 Course Description Catalog

Grades 7-12

Gilbert Classical Academy

Course Description Catalog

Grades 7-12

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Annual Public Notification of Nondiscrimination

Gilbert Unified School District does not discriminate on the basis of race, color, religion, national origin, sex, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations. The lack of English language skills shall not be a barrier to admission or participation in the district's activities and programs. The Gilbert Unified School District also does not discriminate in its hiring or employment practices.

This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. Questions, complaints, or requests for additional information regarding these laws may be forwarded to the designated compliance coordinator(s) at 140 S. Gilbert Rd., Gilbert, AZ 85296, or at the phone number or email listed below.

As to issues regarding disability discrimination:

Director of Special Education Section 504/ADA Coordinator Gilbert Unified School District 480-497-3377
discrimination@gilbertschools.net

As to issues regarding any other type of discrimination:

District Hearing & Compliance Officer Gilbert Unified School District
Phone: 480-497-3421
discrimination@gilbertschools.net

Notificación Pública Anual de No Discriminación *(Versión en Español)*

El Distrito Escolar Unificado de Gilbert no discrimina por motivos de raza, color, religión, origen nacional, sexo, edad o discapacidad en la admisión a sus programas, servicios o actividades, en el acceso a ellos, en el tratamiento de personas o en cualquier aspecto de sus operaciones. La falta de habilidades en el idioma inglés no será una barrera para la admisión o participación en las actividades y programas del distrito. El Distrito Escolar Unificado de Gilbert tampoco discrimina en sus prácticas de contratación o de empleo.

Este aviso se proporciona como lo requiere el Título VI de la Ley de Derechos Civiles de 1964, la Sección 504 de la Ley de Rehabilitación de 1973, el Título IX de las Enmiendas de Educación de 1972, la Ley de Discriminación por Edad de 1975 y la Ley de Estadounidenses con Discapacidades de 1990.

Las preguntas, quejas o solicitudes de información adicional con respecto a estas leyes, se pueden enviar al coordinador(es) de cumplimiento designado a 140 S. Gilbert Road, Gilbert, AZ 85296, o al número de teléfono o correo electrónico que se anotan a continuación.

En lo que se refiere a los asuntos relacionados con la discriminación por discapacidad:

Director(a) de la Sección 504 de Educación Especial/Coordinador(a) de ADA del Distrito Escolar Unificado de Gilbert
Teléfono: 480-497-3377
discrimination@gilbertschools.net

En cuanto a los asuntos relacionados a cualquier otro tipo de discriminación:

Oficial de Cumplimiento y Audiencia del Distrito Escolar Unificado de Gilbert Teléfono: 480-497-3421
discrimination@gilbertschools.net



Gilbert Classical Academy

The Gilbert Classical Academy (GCA) is an honors level school utilizing one-to-one integrated technology incorporated with Socratic Instruction to prepare students for post-secondary education at a university. The six-year curriculum includes core courses in math, science, English, social studies, modern languages, Latin, physical education, music and the arts. All students are required to take AP level courses for their upper class core subject areas. GCA is a small school, which embodies a strong unity amongst students and the community. All students are required to perform 80 hours of community service in order to graduate, thus building a strong sense of responsibility to one's community.

Students at the junior high level are able to participate in various sports, and they compete against other GPS junior high schools. High school students are members of the AIA competing in various divisions depending on the sport. All divisions are based on school size to ensure appropriate competition.

For more information, please contact the Registrar at (480) 497-4034.

GCA Junior High School Course Plan

Credits:	7 th Gr.	8 th Gr.
Science (2 credits)	Honors Science 7	Honors Science 8
Math (2 credits)	Honors Math 7 (Pre-Algebra)	Honors Math 8 (Algebra 1)
English (2 credits)	Honors English 7	Honors English 8
History and Social Sciences (2 credits)	Honors History and Social Sciences 7	Honors History and Social Sciences 8
Classics (2 credits)	Honors Latin 1	Honors Latin 2
Physical Education (2 credits)	PE 7	PE 8
Music Elective (2 credits)	Band, Choir or Orchestra	Band, Choir or Orchestra



GCA 4-Year High School Course Plan

*Graduation Credits:	9th Gr.	10th Gr.	11th Gr.	12th Gr.	28
Science (4 credits)	Honors Lab Biology	Honors Chemistry	AP Physics I	AP Biology or AP Chemistry or AP Physics 2	4
Math* (4 credits)	Honors Geometry	Honors Algebra II	Ap Calculus AB or BC	AP Calculus (BC) or AP Statistics	4*
English (5.5 credits)	Honors English I	Honors English II	AP Language/Composition	AP Literature/Composition	5.5
	Logic (.5)	Creative Writing (.5)	Honors Speech/Debate (.5)		
History and Social Sciences (3.5 credits)		AP World History 10	AP US History 11	AP American/AZ Government (.5) or We the People	3.5
			Honors Economics (.5)	Honors Philosophy (.5)	
Fine Arts Elective (2 credits)	Choose 1 Fine Arts	Choose 1 Fine Arts			2
Physical Education (1 credit)	PE 9				1
World Languages (2 credits)	Honors Spanish I or Honors Latin III	Honors Spanish II or Honors Latin IV	Honors Spanish III or AP Latin V		2
Service Learning (2 credits)			Service Learning 11 or STEM Service Learning 11	Service Learning 12 (Senior Thesis)	2
Electives (4 Credits)	Academic Workshop 9 (.5)	Academic Workshop 10 (.5)	Choose 1 (may select a Fine Arts elective)	Choose 2 (may select Fine Arts elective/s)	4

In addition to completing two courses in Service Learning, GCA students are required to complete **80 hours** of various community service experiences in Junior and Seniors years, prior to graduating.

Students must obtain a passing score in the American Civics Act Exam to graduate.

* Honors Algebra 1 taken in 8th grade is a Prerequisite to Honors Geometry. Algebra I does not fulfill one of the 4 years of high school math credits that all GCA students are required to complete for graduation.



Important Information

Enrollment Requirements

All Gilbert Classical Academy students are required to be enrolled full time. The Academy has seven academic periods daily.

Honors Courses

The GCA honors curriculum is designed to provide academic acceleration and enrichment for all students. These courses prepare the student to take AP courses starting in their 10th grade year. It is recommended that students maintain a “C” or better to continue at the Academy. Students must abide by the Academic Misconduct and Cheating policy as outlined in the student handbook. All GCA Honors and AP courses receive weighted grades. For the purpose of Class Ranking, the unweighted GPA of all courses will be configured. Students will be assessed using the following grading scales:

<u>Grading Scale</u>	<u>Unweighted GPA</u>	<u>Weighted GPA</u>
• A = 90 - 100%	A = 4.0	A = 5.0
• B = 80 - 89%	B = 3.0	B = 4.0
• C = 70 - 79%	C = 2.0	C = 3.0
• D = 60 - 69%	D = 1.0	D = 1.0
• F = Below 60%	F = No Credit	F=No Credit

Please be aware that many Universities will unweight grades for admission and scholarship criteria.
Students who earn an “F” on a Semester grade in any course could be dismissed from the Academy.

Advanced Placement (AP) Courses

AP courses prepare students to take the national Advanced Placement examination given in the late spring of each school year. Students may be granted advanced placement status and/or college credit on the basis of how well they perform on these tests. Information regarding advanced placement courses and examinations is available from the counseling office. For more information please visit <https://apcentral.collegeboard.org/>.

Collaborative Credit

All courses offered at GCA must be taken at GCA to meet graduation requirements. All students must take a math course all four years of high school. Students who are accelerated in math may take courses through collaborative credit to fulfill the requirement to take math all four years. Math courses may be taken at other GPS high schools, community college or online university if courses are not offered at GCA. Any courses taken are subject to prior approval (**i.e. before the start of the class**) by the counselor and administrator on campus. Classes earning between three (3) and five (5) credit hours will receive one half credit (.5) to be awarded on transcript. GPS will not accept Community College or University classes as weighted grades. Upon successful completion of the college class, it is the student’s responsibility to provide the School Registrar with a copy of the Official Transcript. When GCA students take any additional courses not offered at the Academy, grades will be transcribed upon completion but will not receive credit and will not affect the GPA.

DUAL ENROLLMENT classes are **not** offered at the Academy.

Transfer Students

Transfer students who plan to graduate from Gilbert Classical Academy will be held responsible for graduation requirements. Coursework completed outside the District will be evaluated to determine whether or not credit will be awarded. To receive a Gilbert Classical Academy diploma, **a transfer student must meet all core graduation requirements** and have completed 11th and 12th grade at the Academy. Honors courses taken in another district must correlate with Gilbert Classical Academy honors courses in order for weighted credit to be awarded.



Fees/Expenses

Please see course descriptions for specific fee and expense information. Fundraising, tax credits, and donations may help defray the cost of participating in extracurricular activities. Non-participation in optional activities will not affect the student's grade. Fees listed will furnish sufficient resources to successfully complete required course activities.

ADDITIONAL FEES JUNIOR HIGH & HIGH SCHOOL	FEE
Additional course above 6* - GCA	\$160.00
Activity Card*	\$45.00
Athletic - High School	\$100.00
Athletic - Junior high	\$75.00
Calculator Rental*	\$35.00
Chess - High School (AIA)	\$55.00
Chess - Junior High	\$35.00
Class Activity/Extracurricular Fee	\$1.00
Credit Card Processing Fee	\$1.95
Flag Football - Junior High	\$35.00
Late Library Fees – Per Day	\$.10
Lunch	TBD
Student Parking*	\$60.00
Summer School	\$180
Test Fees PSAT, AP	\$15.00-\$100.00
Device Repair/Replacement Costs See Below	\$0 - \$170.00

TECHNOLOGY FEES FOR JUNIOR HIGH & HIGH SCHOOL	AMOUNT	PURPOSE
Optional Technology Device Protection Plan	\$25.00	
	With DPP/Without DPP	
	\$170 / 170.00	Device Replacement (Lost)
	\$0 / \$170.00	Device Replacement (Stolen)
	\$0 / \$20.00	Touchpad board
	\$0 / \$40.00	Battery
	\$0 / \$13.00	Power connector cable
	\$0 / \$26.00	Base enclosure
	\$0 / \$40.00	Display panel (screen)**
	\$0 / \$15.00	Display bezel (front cover)
	\$0 / \$30.00	Display back cover
	\$0 / \$12.00	Display video cable
	\$0 / \$42.00	Keyboard / top cover
	\$0 / \$46.00	Wifi card
	\$0 / \$14.00	Speaker kit
	\$25.00 / 25.00	AC Adapter
	\$0 / \$25.00	Webcam

	\$0 / \$14.00	Antenna Cable
	\$0 / \$85.00	System Board

***Not eligible to be paid with Tax Credit**

Tax Credit may not be used to offset these fees as they are not extracurricular activity fees. For example, if the additional course has extracurricular activities, the fee is for the course not the activities.

**Display panel (screen) cost may vary depending on device type.

A comprehensive list of course fees can be found in the back of this book.

Students may contact the school’s principal to request a reduction/waiver of course fees.

Gilbert Golden Scholars

Academy students who earn high grades and demonstrate good character traits will be honored at an annual ceremony.

High School Golden Scholars requirements are listed below:

1. An unweighted cumulative grade point average of 3.80 or higher at the end of semester one, three, five and seven.
2. No F’s or I’s on transcripts.

Junior High Golden Scholar Requirements are listed below:

1. An overall unweighted grade point average of 3.80 for the first three grading periods (1st nine weeks, semester, 3rd nine weeks).
2. No F’s or I’s on transcript.

Graduation

State Mandated Assessments

The Arizona State Department of Education requires that students participate in AzMERIT for English Language Arts and Mathematics End of Course Assessments and AIMS Science.

Students must obtain a passing score on the American Civics Exam to graduate.

Valedictorian/Salutatorian Selection

To give all students an equal opportunity to become Gilbert Classical Academy’s valedictorian or salutatorian the following guidelines will be used:

Only students in the top 15% of the graduating class will compete for the position of valedictorian and salutatorian.

- These students, at the end of the first nine weeks of second semester, will select the 52 subjects they want to use for their valedictorian/salutatorian GPA. The 52 classes must fulfill the student’s GCA graduation requirements.
- GPA will be calculated using unweighted grade.
- No valedictorian or salutatorian candidate will have a grade lower than a “C” in any subject.
- Foreign exchange students will not be eligible for the valedictorian or salutatorian position.
- The valedictorian or salutatorian must have taken a minimum of fourteen (14) credits (28 semester courses) at Gilbert Classical Academy, and must be enrolled full time.
- Accelerated Math students may only use Honor/AP math courses taken either at GCA, a Gilbert Public High School or pre-approved Community College or University. Each 4 credit college course counts as 1 GCA semester course. Math must be taken all four years of high school.
- All transfer courses must be at the same level as the *equivalent* GCA course (Honors or AP level).
- Students who have been suspended during their senior year will not be allowed to speak at graduation.



Students who are interested in competing for the valedictorian or salutatorian position are encouraged to discuss this process with the school counselor.

Please keep in mind that the GPA school ranking is not necessarily the same as the rankings under this system.

Education and Career Action Plan (ECAP)

Students in grades 9-12 shall complete an Arizona Education and Career Action Plan (ECAP) prior to graduation. Students shall develop an Education and Career Action Plan in consultation with their parent or guardian and their counselor. Gilbert Public Schools students develop ECAPs in accordance with State Board Rule # R7.2-302.5: www.azed.gov/ecap. An ECAP reflects a student's current plan of coursework, career aspirations, and extended learning opportunities. The ECAP helps students personalize their education, and enables them to maximize the opportunities available upon high school graduation.

Career Resources

Our School Counselors are available to provide information to help students make wise and mature decisions about their future. Information and assistance is provided in the following areas: career information, college entrance requirements, trade and technical school options, financial aid resources, military contacts with recruitment personnel, special programs and youth employment opportunities.



Course Descriptions

7th Grade

JSC750 Honors Science 7 (1 Credit-Weighted Grade):

This course will be an inquiry exploration of the natural world through an investigation of the history and nature of science, Earth science, and ecology. Students will examine the composition of, and processes acting upon, the Earth and analyze the relationships among various organisms and their environment.

JMA750 Honors Math 7 (Pre-Algebra) (1 Credit-Weighted Grade):

This course will include a thorough review of basic computational skills as well as an introduction to necessary pre-algebraic skills. Problem solving involves decimals, fractions, sets, percentages, probability, area/volume and graphs in this diverse course.

JEN750 Honors English 7 (1 Credit-Weighted Grade):

This course will focus on reading strategies and writing skills that will be emphasized through the use of a pre-AP curriculum. Students in this course will study composition techniques, literary skills, and grammar usage skills. Literary genres include short stories, poetry, novels, plays, and nonfiction selections. Required summer reading lists are available in the back of the course description catalog.

JSS750 Honors History and Social Sciences 7 (1 Credit-Weighted Grade):

This course will cover key political, social, geographic, and economic events with an emphasis on American history from the mid 1800's through the beginning of WWII. Students will gain a deeper understanding of the events that shape the United States, the decisions leading to America's evolving identity, and the forces driving these decisions. The class will explore concepts that not only led to the development of our country but continue to influence our society today and the future by incorporating current events. Advanced reading strategies and writing skills will be emphasized through the use of a Pre-AP curriculum, focusing on the Arizona Academic Standards. Students will also go more in depth with a focus on activities that involve analysis, reasoning, debate, higher-level discussion, evaluation, and synthesis of content.

Musical Performance (1 Credit):

The course selected will allow the student to perform as a member of the Band, Orchestra, or Choir Program. Students will cover music fundamentals in each of the chosen programs. Students will be given the opportunity to perform a minimum of 4 times each year and will gain valuable experience advancing their musical skills and knowledge.

See JH Fine Arts Elective choices for course information.

JPE900M/F Physical Education (1 Credit):

This course will stress the building of the body and mind through studies of health issues, nutrition, beginning yoga, aerobics, and various team-building activities.

JFL750 Honors Latin I (1 Credit-Weighted Grade):

This course will include a review of English grammar and serves as an introduction to the language of the ancient Romans. Emphasis is placed on vocabulary development, Latin and English grammar and syntax.



8th Grade

JSC850 Honors Science 8 (1 Credit-Weighted Grade):

This course will explore the natural world through an investigation of the history and nature of science, chemistry, physics, heredity, life science and ecology. Students will examine the atom, the physical and chemical properties of matter, investigate the relationship between force and motion, understand the basic principles of heredity, and identify structural and behavioral adaptations of organisms.

JMA850 Honors Algebra I (1 Credit-Weighted Grade):

This course will conduct an in-depth study of linear, quadratic, and exponential functions, including sequences, and also explore absolute value, and piecewise-defined functions. Students will develop fluency writing, interpreting and comparing functions given graphically, numerically, symbolically, and verbally and use them to solve problems. Students will also explore a formal means of assessing how a model fits data.

This grade is factored into the student high school GPA. Please note that Algebra I does not fulfill one of the 4 years of high school math credits that all GCA students are required to complete for graduation.

JEN850 Honors English 8 (1 Credit-Weighted Grade):

This course will continue the grammatical and writing focus of 7th grade. Reading strategies and writing skills will be enhanced through the use of pre-AP curriculum. Emphasis will be placed on vocabulary development, advanced writing techniques, and literary analysis. Literary genres include short stories, poetry, novels, plays and nonfiction selections. Required summer reading lists are available in the back of the course description catalog.

JSS850 Honors History and Social Sciences 8 (1 Credit-Weighted Grade):

This course will focus on U.S. and Arizona Government and an introduction to Economics and then proceed with a continued study of American history from World War II through present-day. Study skills, note taking, writing and critical thinking skills will continue to be a major focus enabling students to gain a deeper understanding of the forces that continue to shape our country today. Advanced reading strategies and writing skills will be emphasized through the use of a Pre-AP curriculum, focusing on the Arizona Academic Standards. Students will also go more in depth with a focus on activities that involve analysis, reasoning, debate, higher-level discussion, evaluation, and synthesis of content.

Musical Performance (1 Credit):

The course selected will allow the student to perform as a member of the Band, Orchestra, or Choir Program course. Students will cover music fundamentals in each of the chosen programs. Students will be given the opportunity to perform a minimum of 4 times each year and will gain valuable experience advancing their musical skills and knowledge.

See JH Fine Arts Elective choices for course information.

JPE900M/F Physical Education (1 Credit):

This course will stress the building of the body and mind through studies of health issues, nutrition, beginning yoga, aerobics, and various team-building activities.

JFL850 Honors Latin II (1 Credit-Weighted Grade):

This course will begin where Latin I concluded. Included will be a comprehensive review of Latin verbs, an introduction of the subjunctive mood and the attendant subordinate grammatical structures.

PLEASE NOTE: Successful completion of Latin II may earn the student high school credit, but will not count toward the high school GPA.



9th Grade

SC121 Honors Biology (1 Credit-Weighted Grade):

This course will expose students to an accelerated introductory biology program and provide a high degree of enrichment. Critical reading, writing, and problem-solving skills will be applied to inquiry-based studies. Major topics will include cells, molecular basis of heredity, interdependence of organisms, biological evolution, matter, energy and organizations in living systems, and comparative anatomy.

MA305W/306W Honors Geometry (1 Credit-Weighted Grade):

This course will conduct an in-depth study of congruence, similarity, trigonometry, circles, expressing geometric properties with equations, coordinate geometry, geometric measurement and dimension, and conditional probability with an emphasis on real-world modeling contexts. Concepts will be developed through investigation of rigid and nonrigid transformations, constructions, and proof.

EN110 Honors English I (1 Credit-Weighted Grade):

This course will integrate reading, writing, speaking, listening and language skills using a thematic based approach. Advanced writing skills and reading strategies will be emphasized through the use of a Pre-AP curriculum, including formal writing workshops and independent reading of multiple literary genres. Honors students are expected to complete a summer reading project. Required summer reading lists are available in the back of the course description catalog.

EN513 Logic (.5 Credit):

This course will present the development of a formal system of propositional and predicate logic for the evaluation of reasoning. The general goal is to learn how to differentiate well-reasoned arguments.

EN513 Academic Workshop (.5 Credit):

This course will provide assistance for students in achieving academic success. Course content includes self-management, study strategies, digital literacy, and ongoing development of critical thinking skills.

FL106 Honors Spanish I (1 Credit-Weighted Grade):

This course introduces the student to the basic skills necessary to gain a solid foundation in the Spanish language. The primary focus is on speaking, listening, reading, and writing. Students get to experience the customs, history, culture and music of Spanish-speaking countries. This course serves an introduction to the Spanish language and culture. It is designed to give students the basic foundation of the three language modes of communication: interpretive, interpersonal and presentational. The students develop a fundamental vocabulary base combined with basic grammar concepts to communicate in varied situations. The concepts are taught through a variety of cultural themes, authentic resources and instructional techniques.

or

FL308A Honors Latin II (1 Credit-Weighted Grade):

Prerequisite: Successful completion of Honors Latin I and teacher recommendation

This course will begin where Latin I concluded. Included will be a comprehensive review of Latin verbs, an introduction of the subjunctive mood and the attendant subordinate grammatical structures.

or

FL310 Honors Latin III (1 Credit-Weighted Grade):

Prerequisite: Successful completion of Honors Latin II and teacher recommendation

This course provides an opportunity for students to read Latin in the original text. Students study the following Latin literature genres: mythology, love poetry, history, oratory, theater and medieval works. They read the works in Latin, analyzing the literature critically and analytically. Different figures of speech and poetic devices are analyzed as they apply to the work. The historical and mythological background under which the works were written is pursued.

PE100 (Male)/101 (Female) Physical Education (1 Credit):



This course is an introductory physical education class. Students will learn and apply components of health-related fitness, proper nutrition and physiology. Students will learn and participate in a variety of individual and team sports. Fitness activities will include cardiovascular conditioning and resistance training, along with individual fitness assessments.

Fine Arts Elective (1 Credit):

Selected from list of Fine Arts electives

10th Grade

SC136 Honors Chemistry (1 Credit-Weighted Grade):

This course will provide a challenging study of inorganic chemistry. Major emphasis will be on the experimental method, critical thinking, and enrichment research activities.

MA405W/406W Honors Algebra II (1 Credit-Weighted Grade):

This course will extend algebraic and geometric concepts and apply these to an in-depth study of polynomial, radical, rational, exponential with real exponents, logarithmic, and trigonometric functions, as well as piecewise defined functions. Students will continue to develop fluency in writing, comparing, solving (including complex solutions), and interpreting problems represented by the above function families as well as explore the effects of transformations on their graphs. Students will examine data on two quantitative variables to choose functions and make conclusions in context of the data.

EN210 Honors English II (1 Credit-Weighted Grade):

This course will develop the essay and language skills required for entry into advanced placement programs in English. World literature will be used as the basis for the reading and writing activities. Composition skills will be emphasized. Required summer reading lists are available in the back of the course description catalog.

AW512 Creative Writing 10 (.5 Credit):

This course will focus on the development of writing skills through the critical analysis of literature and the student's own compositions. Students will also write in a variety of paradigms including the short story, the informal essay, and poetry.

AW512 Academic Workshop 10 (.5 Credit):

This course will provide assistance for students in achieving academic success. Course content includes structured scholastic study, vocabulary development, critical thinking skills and preparation for standardized examinations such as the PSAT.

SS101W AP World History: Modern (1 Credit-Weighted Grade):

This course will examine a modern approach to world history, from the 13th century to the present. Course content includes: human-environment interactions; development and interactions of cultures; state-building expansion and conflict; creation, expansion, and interaction of economic systems; the development and transformation of social structures. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

FL108 Honors Spanish II (1 Credit-Weighted Grade):

This course is an in-depth study of Spanish that causes the students to think in the target language. The course helps students become more fluent in the language while they continue to learn about the culture. Grammar and speaking receive special emphasis. This course has students of Spanish I continue to develop language skills in the three areas of communication: interpretive, interpersonal and presentational. Students develop these skills through exposure to a variety of cultural items and themes. Also, a variety of instructional techniques and authentic sources are used in to provide students with many opportunities to learn and practice the

language. Students are expected to speak Spanish daily to develop their language skills. By the end of level II, students are able to communicate in Spanish about a variety of topics. Informal evaluations take place every day.

or

FL310 Honors Latin III (1 Credit-Weighted Grade):

Prerequisite: Successful completion of Honors Latin II and teacher recommendation

This course provides an opportunity for students to read Latin in the original text. Students study the following Latin literature genres: mythology, love poetry, history, oratory, theater and medieval works. They read the works in Latin, analyzing the literature critically and analytically. Different figures of speech and poetic devices are analyzed as they apply to the work. The historical and mythological background under which the works were written is pursued.

or

FL311 Honors Latin IV (1 Credit-Weighted Grade):

Throughout the school year, students will be reading and interpreting the works of many ancient Roman writers. While doing so, students will write a literal English translation of a Latin passage; identify the context and significance of the poems of authors such as Catullus, Ovid, Cicero, Horace, et al.; identify and analyze features of the writer's word choice and placement, imagery, figures of speech, and metrical devices; analyze characters, themes, or situations in specific passages; continue to develop knowledge of ancient Roman life and history by reading the literature of ancient and be able to sight read a Latin passage and be able to answer specific questions about that passage.

Fine Arts Elective (1 Credit):

Selected from list of Fine Arts electives

11th Grade

SC151 AP Physics I (1 Credit-Weighted Grade):

This course will provide the equivalent to the first semester of algebra based college physics. Major emphasis will include kinematics, forces, momentum, energy, rotation, sound, light, the fundamentals of electricity, and extensive laboratory work. This course is designed to prepare students to successfully complete the Advanced Placement exam in May.

MA415 Honors Pre-Calculus (1 Credit-Weighted Grade):

This course will conduct an in-depth study of analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, and piecewise defined functions, as well as solving systems of equations, with an emphasis on modeling and solving real world problems. In addition it will include a study of measures of angles, properties of graphs of trigonometric functions, fundamental identities, addition and double-angle formulas, inverse trigonometric functions, solutions of trigonometric equations, complex numbers, properties of triangle solutions, and conics.

EN310 AP English III - Language & Composition (1 Credit-Weighted Grade):

The course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. Required summer reading lists are available in the back of the course description catalog.

EN912 Honors Speech/Debate (.5 Credit-Weighted Grade):

This course will cover the basic methods of speech writing, argumentation, philosophy, research and delivery skills as well as literary analysis, interpretation and current events. It includes studies in reasoned decision making with emphasis on debate propositions, evidence, reasoning, constructing cases and refuting or defending arguments.

SS106W AP United States History (1 Credit-Weighted Grade):



This course will provide an overview of American History from the pre-Columbian period to the present. Course content includes: American national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

SS412 Honors Economics (.5 Credit-Weighted Grade):

This course will study economics both on a large and small scale. Macroeconomics will discuss the principles of economics that apply to an economic system as a whole, emphasizing the study of national income and price level determination. The study of Microeconomics analyzes the functions of individual decision makers, both consumers and producers within the economic system.

SS611 Service Learning 11 (1 Credit):

This course will provide an opportunity for students to develop personal and leadership skills through service to others in fulfillment of the GCA graduation requirement for service hours. Students relate the service experience to course objectives through structured reflection and learning activities. Students will also explore educational and career choices as they begin their 'Road to College.'

or

SS612 Stem Service Learning 11 (1 Credit):

This class is based on the Engineering Projects in Service curriculum developed at Purdue University and sponsored locally by ASU. Students will learn the human-centered design process and then apply it to solve a real-world problem faced by a partner organization in the community. Students will be expected to develop specifications, design their product, build a working prototype, and present it to their partner. This class will prepare students with technical and communication skills for a possible career in science, technology, engineering, or math. This class also satisfies GCA's service learning and college prep course requirements.

Elective (1 Credit):

Selected from list of Electives.

12th Grade

SC122 AP Biology (1 Credit-Weighted Grade):

This course will focus on the development and application of conceptual knowledge of the scientific process with hands-on lab application, covering topics such as molecules and cells, heredity and evolution and organisms and population. This course is designed to prepare students to successfully complete the Advanced Placement exam in May.

SC137 AP Chemistry (1 Credit-Weighted Grade):

This course will provide the equivalent to the first year of college chemistry. Major emphasis will include structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, an in-depth study of basic thermodynamics concepts, reaction writing, and extensive laboratory work. This course is designed to prepare students to successfully complete the Advanced Placement exam in May.

or

SC152 AP Physics 2 (1 Credit-Weighted Grade):

This course will provide the equivalent to the second semester of algebra based college physics. Major emphasis will include electricity and magnetism, conservation laws, modern physics, light, thermodynamics, fluids, and extensive laboratory work. This course is designed to prepare students to successfully complete the Advanced Placement exam in May.

MA416W AP Calculus AB (1 Credit-Weighted Grade):

This course will center around the foundational concepts of calculus: limits, derivatives, and integrals and the Fundamental Theorem of Calculus. These concepts will be developed through mathematical practices for AP Calculus: (1) Reasoning with definitions and



theorems; (2) Connecting concepts; (3) Implementing algebraic/computational processes; (4) Connecting multiple representations; (5) Building notational fluency; and (6) Communicating. This course is designed to prepare students to successfully complete the Advanced Placement exam in May.

or

MA417W AP Calculus BC (1 Credit-Weighted Grade):

This course will center around the foundational concepts of calculus: limits, derivatives (including planar motion), integrals and the Fundamental Theorem of Calculus (including improper integrals, integration by parts, lengths of curves, and logistic growth), and series. These concepts will be developed through mathematical practices for AP Calculus: (1) Reasoning with definitions and theorems; (2) Connecting concepts; (3) Implementing algebraic/computational processes; (4) Connecting multiple representations; (5) Building notational fluency; and (6) Communicating. This course is designed to prepare students to successfully complete the Advanced Placement exam in May.

or

MA414W AP Statistics (1 Credit-Weighted Grade):

Prerequisite: AP Calculus AB or BC

This course will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) Exploring Data: Describing patterns and departures from patterns; (2) Sampling and Experimentation: Planning and conducting a study; (3) Anticipating Patterns: Exploring random phenomena using probability and simulation; and (4) Statistical Inference: Estimating population parameters and testing hypotheses. This course is designed to prepare students to successfully complete the Advanced Placement exam in May.

May be taken through Global Academy as a Blended Learning Course taken online within the normal GCA class schedule with the support of a teacher to assist with course material.

or

MA419 Calculus III - 1 Semester (1st) (.5 Credit-Weighted Grade):

Prerequisite: AP Calculus BC

This course will include the study vector-valued functions of several variables, multiple integration and is an introduction to vector analysis.

MA420W Differential Equations - 1 Semester (2nd) (.5 Credit-Weighted Grade):

Prerequisite: Calculus III

This course will examine ordinary differential equations with applications including Laplace transformations with numerical methods.

EN411 AP English IV - Literature & Composition (1 Credit-Weighted Grade):

This course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Because of the mature reading level, students who are interested in this course may wish to review the reading list. This course is designed to prepare students to successfully complete the Advanced Placement exam in May. Required summer reading lists are available in the back of the course description catalog.

SS116 AP American/Arizona Government - 1 Semester (2nd) (.5 Credit-Weighted Grade)

This course will include an overview of government. Topics will include constitutional government, political parties, civil liberties and rights, and interest groups will be studied. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. This course will include an overview of the American system of government. Course content includes: foundations of American democracy; interactions among the branches of government; civil liberties and civil rights; American political ideologies and beliefs; and political participation. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity, and change over time, and argumentation. Emphasis



will also focus on interpreting and analyzing data sets, such as tables, charts, graphs, maps, and infographics. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

or

SS118 We The People - 1 Semester (1st) (.5 Credit-Weighted Grade)

This course will meet the Academy graduation requirement for Government. This course will address how events in United States history have influenced the role and structure of government, and demonstrate an understanding of how the past influences the present and future. Topics include: philosophical and historical foundations of the American political system, how the framers created the Constitution, how the Constitution has been changed, how the Constitution shaped American institutions and practices, the Bill of Rights, and challenges in the 21st century. Students will participate in a simulated congressional hearing as a culminating activity.

SS512 Honors Philosophy (.5 Credit-Weighted Grade):

This course will introduce students to the Western philosophical tradition, through the study of major figures such as Plato, Aristotle, Descartes, Hume and Kant. Students will observe changes in intellectual outlook over time, and the effect of scientific, religious and political concerns on the development of philosophical ideas.

SS912 Service Learning 12 (1 Credit):

This course will provide an opportunity for students to actively develop personal and leadership skills through service to others in fulfillment of the GCA graduation requirement for service hours. Students relate the service experience to course objectives through structured reflection and learning activities. Students will also complete the required Senior Thesis Project.

Elective (2 credits):

Selected from list of Electives.



Fine Arts Elective Offerings for Junior High Students

Band

There are four Junior High Band courses offered at GCA. Students are placed in these courses based on a range of criteria including playing ability and grade level.

JMU950 Beginning Band - Grades 7/8 (1 Credit):

This course is a study of the basic elements of music tonal production and skill development. The major topics covered in this class will be Band Method I and concert preparation. This is for students interested in learning to play a band instrument for the first time or learning a new instrument.

JMU960 Band Percussion - Grades 7/8 (1 Credit):

This course is a study of fundamental technical development and large ensemble performance. The major topics covered in this class will be Band Method III and traditional and contemporary band music. Other features of this course are participation in school assembly programs and evening concerts.

JMU750 Band 7 - Grade 7 (1 Credit):

This course is a study of basic fundamental technical development and large ensemble performance. The major topics covered in this class will be Band Method II and traditional and contemporary band music. Other features of this course are participation in school assembly programs and evening concerts. This is for seventh grade students who have played their band instruments for more than one year.

JMU850 Band 8 - Grade 8 (1 Credit):

This course is a study of advanced fundamental technical development and large ensemble performance. The major topics covered in this class will be Band Method III and traditional and contemporary band music. Other features of this course are participation in school assembly programs and evening concerts. This is for eighth grade students who have played their band instruments for more than one year.

Orchestra

There are 3 Junior High Orchestra courses offered at GCA. Students are placed in these courses based on a range of criteria including playing ability and grade level.

JMU730 Orchestra 7 - Grades 7/8 (1 Credit):

This course will introduce and expand the fundamentals of string playing through traditional and contemporary string literature and will be the entry-level and intermediate level orchestra for junior high string players. Appropriate performance attire will be required.

JMU830 Orchestra 8 - Grades 7/8 (1 Credit):

Previous orchestra experience required. This course is a continuation of intermediate scales, bowings, and techniques including third position. Appropriate performance attire will be required.

JMU930 Concert Orchestra - Grades 8/9 (1 Credit):

This course will continue the fundamentals of string playing introduced in junior high through traditional and contemporary string literature, and will serve as the feeder for the Chamber Orchestra. Concepts include shifting, vibrato, and major and minor scales. Appropriate performance attire will be required.

Chorus

There are 2 Junior High Choir courses offered at GCA. Students are placed in these courses based on gender.

JMU910 Girls Choir - Grades 7/8 “Belles Chanteuses” (1 Credit):

This course is a study of beginning and intermediate music concepts: music reading skills with emphasis on solfege, vocal technique, and performance skills. No previous experience is required and students will not be required to sing alone. The purpose of this course is to encourage students to have fun while studying different types of music, including traditional, musical theater, jazz, and popular styles, as well as music in foreign languages.

JMU900 Boys Choir - Grades 7/8 “Lacones” (1 Credit):

This course is a study of beginning and intermediate music concepts: music reading skills with emphasis on solfege, vocal technique with focus on the boy's changing voice, and performance skills. No previous experience is required and students will not be required to sing alone. The purpose of this course is to encourage students to have fun while studying different types of music, including traditional, musical theater, jazz, and popular styles, as well as music in foreign languages.

Fine Arts and Elective Offerings for High School Students

For graduation, GCA High School students are required to take five electives from the list below of which two must be Fine Arts.

NOTICE: Performing arts classes may have additional program costs which are listed as maximum costs within each course. Additional program costs will be due according to a schedule provided by the teacher. Please contact the teacher to determine the actual amount required.

MU900 Beginning Guitar (Guitar I) (1 Credit):

FA elective credit will be issued for this course.

Introduction to Guitar is for students who have little or no experience playing guitar or a musical instrument in general. Students will perform beginning solo and ensemble literature for a classroom audience, read simple single line music, and develop basic guitar technique. Public performance may be expected. Students must use their own guitar.

MU901 Intermediate Guitar (Guitar II) (1 Credit):

FA elective credit will be issued for this course.

This course may be repeated for credit.

This is an elective for intermediate guitarists who have some experience on the instrument and are able to read standard music notation. Students will learn open chords, power chords, moveable chords, single notes (melody) playing, accompaniment techniques, and a variety of playing techniques and styles, including both pickstyle and fingerstyle approaches to the guitar. This course also includes music fundamentals, theory, songs, performances, listening, improvising, and learning to read standard music notation, as well as tablature. The main focus of this class is ensemble performance. There is also an emphasis on solo classical guitar performance. In addition, students will be required to perform twice each semester and will be encouraged to attend performances. Prerequisites: Successful completion of beginning guitar with at least a B average, or audition. Students must use their own guitar.

PA165 Symphonic Band (1 Credit):

FA elective credit will be issued for this course.

This course may be repeated for credit.

Symphonic Band is available to students in grades 9-12. The course will focus on improving the students' technical skills on their instrument in conjunction with performing music. The ensemble will perform 4 concerts throughout the year and may compete at a local festival.

Course Fee \$80 per Year

Additional program costs may be incurred for optional activities related to the program, not to exceed \$800.00

PA170 Wind Ensemble (1 Credit):

FA elective credit will be issued for this course.

This course may be repeated for credit.

Wind Ensemble is available to students in high school by audition only. Students in this course will perform some of the most recognized pieces in band literature, as well as music by current up-and-coming composers. The course will focus on improving the overall musicianship of the individual, as well as the ensemble as a whole.

Course Fee \$80 per Year

Additional program costs may be incurred for optional activities related to the program, not to exceed \$800.00

PA100 Concert Orchestra I (1 Credit):

FA elective credit will be issued for this course.

This course may be repeated for credit.

This course will introduce the fundamentals of string playing through traditional and contemporary string literature and will be the entry-level orchestra for string players. Appropriate performance attire will be required.



Course Fee \$50 per Year.

Additional program costs may be incurred for optional activities related to the program, not to exceed \$75.00.

PA101A/B Concert Orchestra II (Chamber) (1 Credit):

FA elective credit will be issued for this course.

This course may be repeated for credit.

This course will provide students an opportunity to further their study of traditional and contemporary string literature. It will involve practice and performance preparation. This course will serve as a feeder for the Symphony Orchestra upon acquisition of skills. Appropriate performance attire will be required.

Course Fee \$50 per Year

Additional program costs may be incurred for optional activities related to the program, not to exceed \$675.00.

PA105 Symphonic Strings (1 Credit):

FA elective credit will be issued for this course.

This course may be repeated for credit.

This course will focus on the great string literature of the Baroque, Classical, Romantic, and Contemporary style periods. It will involve rigorous practice and performance preparation. Appropriate performance attire will be required. This group also participates in Symphony Orchestra and performs a minimum of eight times per year, including after school and weekend festivals.

Course Fee \$25 per Year

Additional program costs may be incurred for optional activities related to the program, not to exceed \$225.00.

PA120 Chorale (1 Credit):

FA elective credit will be issued for this course.

This course may be repeated for credit.

This advanced mixed choir will provide students the opportunity to study literature of all style periods, advanced vocal techniques and musicianship skills. It will involve a rigorous performance schedule and competition in state and local events. Appropriate performance attire will be required.

Course Fee \$40 per Year

Additional program costs may be incurred for optional activities related to the program, not to exceed \$75.00.

PA130 Advanced Women's Chorus (1 Credit):

FA elective credit will be issued for this course.

This course may be repeated for credit.

This advanced women's choir course will provide students the opportunity to study literature of all style periods, vocal technique and musicianship skills. The choir will serve as a feeder program for Chorale upon acquisition of skills. Concert performances will be every nine weeks. Appropriate performance attire will be required.

Course Fee \$40 per Year

Additional program costs may be incurred for optional activities related to the program, not to exceed \$700.00.

PA145 Men's Chorale (1 Credit):

FA elective credit will be issued for this course.

This course may be repeated for credit.

This course will feature a study of tenor and bass literature in a variety of styles with an emphasis on vocal technique and musicianship skills. The choir will serve as a feeder into chorale upon acquisition of skills. Concert performances will be every nine weeks. Appropriate performance attire will be required.

Course Fee \$40 per Year



Additional program costs may be incurred for optional activities related to the program, not to exceed \$75.00

PA175 Beginning Theatre Arts (1 Credit):

FA elective credit will be issued for this course.

This course will provide students with a study of the various aspects of theatre performance. Topics will include acting, movement, pantomime, improvisation, theatre history, and play production. Students will have the opportunity to participate in class performances.

Note: This class will have a performance component that will require evening and/or weekend commitments.

Course Fee \$10 per Year.

PA176 Intermediate Theatre Arts (1 Credit):

Prerequisite: Beginning Theatre Arts

This course will provide students with the experience necessary for promotion into the Advanced Theatre Arts course. Topics will include acting, voice and movement, improvisation, directing, monologue study and audition techniques, and production. Students will have the opportunity to participate in class performances and perform their work outside of class. After-school, evening and weekend commitments may be expected.

Course Fee \$10 per Year.

PA177 Advanced Theatre Arts (1 Credit):

Prerequisite: Intermediate Theatre Arts

This course may be repeated for credit.

FA elective credit will be issued for this course

This course will explore acting and play performance, including auditioning techniques, voice and diction, dialects, movement specialties, period acting, method acting, improvisation, and performance. Students will have the opportunity to observe professional play performances, perform in class performances, community outreach programs, and various competitions. After-school, evening and weekend commitments may be expected.

Course Fee \$10 per Year.

PA180 Introduction to Technical Theatre (1 Credit):

FA elective credit will be issued for this course.

This course will provide students with a study of all fundamentals involved in theatre production. Major topics include scenic design, aesthetic values in theatre, theatre history, sound lighting, costume and makeup design, and stage management. Students will work in the classroom, auditorium, and other venues applying their knowledge to hands-on projects in theatre arts.

Note: After-school, evening, and weekend commitments are expected.

PA182 Intermediate Technical Theatre (1 Credit):

FA elective credit will be issued for this course.

Prerequisite: Introduction to Technical Theatre

This course will expand on the fundamental knowledge and skills gained in Introduction to Technical Theatre. Students will apply newly acquired skills during production work and will begin the process of design and theatre management. Major topics include stage management and the production process; advanced construction for scenery, properties and costume; design elements and process in lighting, set, sound, and properties and makeup. Students will work in the classroom, auditorium, and scene shop. After-school, evening, and weekend commitments may be expected as students work on Theatre Arts department productions.

PA181 Advanced Technical Theatre (1 Credit):

FA elective credit will be issued for this course.

This course may be repeated for credit.



Prerequisite: Intermediate Technical Theatre

This course will allow students to integrate prior knowledge of stage management, scenic construction, stage lighting, costume construction, sound, and apply it to the design and implementation of theatrical productions. Students will work in the classroom, auditorium, and scene shop. After-school, evening and weekend commitments may be expected.

VA100 Art & Design I (1 Credit):

FA elective credit will be issued for this course.

This course will introduce students to the basic elements and principles of design. Students will learn drawing techniques emphasizing line, positive/negative space, perspective, value, texture, lettering, and portrait proportion by utilizing black and white media. Students will also explore studies in color and advanced drawing and painting techniques.

Course Fee \$25 per Semester.

VA102 Art & Design II - Painting (1 Credit):

Prerequisite: Art & Design I

FA elective credit will be issued for this course

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course will provide students the opportunity to learn the tools, techniques, and processes of watercolor, acrylic, oil and other various painting media. Historical and current artists will be studied to learn about style, subject matter, and composition. Students will concentrate on student-generated subject matter based on independent student-teacher contracts. Students will work on thematic development, in-depth media exploration and/or student generated problems and solutions.

Course Fee \$30 per Semester

VA103 Art & Design II - Drawing (1 Credit):

Prerequisite: Art & Design I

FA elective credit will be issued for this course

This course will provide a comprehensive understanding, appreciation, and exploration of drawing, using both wet and dry media in perspective, landscape, portrait, still life, and figure drawing. Historical aspects, contemporary trends, and art criticism will be studied.

Course Fee \$25 per Semester

VA104WAP Studio Art Drawing/Painting (1 Credit):

Prerequisite: Art & Design II or application and approval

FA elective credit will be issued for this course

This course will focus on portfolio submission to the College Board for 2-D Design - Drawing.. Students will explore advanced techniques and materials, media exploration, building concepts, and thematic development. The focus of this class will be on 2-D Design with the use of a variety of materials, emphasizing drawing and painting. This course is designed to prepare students to successfully submit a portfolio for Advanced Placement in May.

Course Fee \$40 per Semester

SS140 Psychology 1 - 1 Semester (1st) (.5 Credit):

Elective credit will be issued for this course

Grade 11 & 12 only

This course will examine human behavior. Topics will include the history of psychology and explore the topics of learning and memory, methods of research, state of consciousness and analysis of behavior.

SS141 Psychology 11 - 1 Semester (2nd) (.5 Credit):

Prerequisite: Psychology 1

Elective credit will be issued for this course



Grade 11 & 12 only

This course will explore infancy and childhood, adolescence, adulthood, personality theories, psychological testing, stress and health, psychological disorders, methods of therapy, social cognition and social interaction.

EN515A/B Journalism I (1 Credit):

Elective credit will be issued for this course

This course will introduce basic journalism skills. Writing design and layout is emphasized.

EN516A/B Journalism II (1 Credit):**Prerequisite: Journalism 1**

Elective credit will be issued for this course

This course will incorporate the skills learned in Journalism I through the publication of the school newspaper, magazine or other publications.

FLTBD AP Latin V (1 Credit):**Prerequisite: Honors Latin IV**

Elective credit will be issued for this course

The course's goals are to develop the students' abilities to read aloud and translate the required passages from Caesar's *De bello Gallico* and Vergil's *Aeneid* into English as literally as possible, to help them understand the context of the written passages (including the political, historical, literary, and cultural background of each author and text), and to help them understand the reasons behind the particular style of writing and the rhetorical devices employed. The course should also help students to be successful in analyzing Latin passages to understand how and why the author uses the language in a particular way and the effects he is hoping to produce. Students will learn to analyze the text and draw their own logical conclusions. This course should give students tools to read Latin prose and poetry aloud and with accurate comprehension and appreciation. For the Vergil text, students will learn dactylic hexameter and how it is used to enhance the text and create effect, and students will scan the poetry at least once a week. This course is designed to prepare students to successfully complete the Advanced Placement exam in May.

FL113DLF AP Spanish III (1 Credit):**Prerequisite: Honors Spanish II**

Elective credit will be issued for this course

This is a Blended Learning Course taken online within the normal GCA class schedule with the support of a teacher to assist with course material. In this course, students will expand their vocabulary, knowledge of grammar, and experiences with Spanish-speaking countries. The purpose of this course is to provide many experiences where students can use Spanish. Completely immersed in Spanish, students speak, listen, read, write, and collaborate with other students in this course. They also gain knowledge and perspectives about Spanish-speaking countries and from Spanish-speaking people.

BT200W AP Computer Science A (1 Credit):

Elective credit will be issued for this course

Grade 11 & 12 only

This course will introduce students to entry level programming typically used at a college or university. The course is built around the development of computer programs using Java that correctly solves a given problem. This course introduces aspects of computer science including the development and analysis of algorithms and data structures, the study of standard algorithms and typical applications, the use of logic, and the ethical and social implications of computer use. This course is designed to prepare students to successfully complete the Advanced Placement exam in May.



GCA Reading List

7th grade Honors English

Around the World in Eighty Days (Jules Verne)
Tangerine (Edward Bloor)
The Adventures of Tom Sawyer (Mark Twain)
Watsons Go to Birmingham 1963 (Christopher Paul Curtis)
The Prince and the Pauper (Mark Twain)
The Call of the Wild (Jack London)
The Comedy of Errors (William Shakespeare)

8th grade Honors English

The Hound of the Baskervilles (Arthur Conan Doyle)
The Giver (Lois Lowry)
Fahrenheit 451 (Ray Bradbury)
Midsummer Night's Dream (William Shakespeare)
Treasure Island (Robert Louis Stevenson)
Night (Elie Wiesel)

9th grade Honors English I

The Hobbit (JRR Tolkien)
A Separate Peace (John Knowles)
To Kill a Mockingbird (Harper Lee)
Romeo and Juliet (William Shakespeare)
A Raisin in the Sun (Lorraine Hansberry)

10th grade Honors English II

Oedipus the King (Sophocles)
The Great Gatsby (F. Scott Fitzgerald)
The Aeneid (Virgil) (Translation: Robert Fitzgerald)
Of Mice and Men (John Steinbeck)
The Lord of the Flies (William Golding)
Anthem (Ayn Rand)
Antigone (Sophocles)
Macbeth or Julius Caesar (William Shakespeare)

11th grade AP English III - Language & Composition

The Scarlet Letter (Nathaniel Hawthorne)
The Grapes of Wrath (John Steinbeck)
The Adventures of Huckleberry Finn (Mark Twain)
A Streetcar Named Desire (Tennessee Williams)
Silent Spring (Rachel Carson)
The Jungle (Upton Sinclair)

12th grade AP English IV - Literature & Composition

Billy Budd (Herman Melville)
The Inferno (Dante) (Translation: John Ciardi)
King Lear or Hamlet (William Shakespeare)
The Metamorphosis (Franz Kafka)
Heart of Darkness (Joseph Conrad)
The Stranger (Albert Camus)
Beowulf (translation by Seamus Heaney)
Our Town (Thornton Wilder)
The Glass Menagerie (Tennessee Williams)



Required AP/Honors English Summer Reading List

7th Grade

Honors English

Tangerine (Edward Bloor)

8th Grade

Honors English

The Hound of the Baskervilles (Arthur Conan Doyle)

9th Grade

Honors English

The Hobbit (JRR Tolkien)

10th Grade

Honors English

Oedipus the King (Sophocles)

11th Grade

AP Language & Composition

Silent Spring (Rachel Carson)

12th Grade

AP Literature & Composition

Our Town (Thornton Wilder)

Comprehensive List of Course Fees

<u>Course #</u>	<u>Course Name</u>	<u>Fee</u>	<u>Term</u>	<u>Purpose of Fee</u>	<u>Additional Program Costs (potentially for optional activities). See teacher syllabus for exact cost and details.</u>
PA100	Concert Orchestra 1	\$50	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$75.00
PA101	Concert Orchestra 11	\$50	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$675.00
PA105	Symphonic Strings	\$25	Sem	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$225.00
PA120	Chorale	\$40	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$75.00
PA130	Adv. Women's Chorale	\$40	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$700.00
PA145	Men's Chorale	\$40	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$75.00
PA160	Concert Band 11	\$80	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$125.00
PA165	Symphonic Band	\$80	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$800.00
PA170	Wind Ensemble	\$80	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$800.00
PA175	Beg. Theatre Arts	\$10	Year	Classroom Supplies	
PA176	Interm. Theatre Arts	\$10	Year	Classroom Supplies	
PA177	Advanced Theatre Arts	\$10	Year	Classroom Supplies	
VA100	Art & Design 1	\$25	Sem	Classroom Supplies	
VA102	Art & Design 11-Painting	\$30	Sem	Classroom Supplies	
VA103	Art & Design 11-Drawing	\$25	Sem	Classroom Supplies	
VA104	AP Studio Art Drawing/Painting	\$40	Sem	Classroom Supplies	

