

GRANVILLE CHRISTIAN ACADEMY



Course Description Catalog

2024-25

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INTRODUCTION

Granville Christian Academy promotes a lifelong experience of learning. The GCA Philosophy of Christian Education and other Foundational Documents provide the premise for the courses offered, the curriculum taught, the services provided, and the educational expectations set forth. *GCA is grounded in a philosophy of education that is based on biblical truth reflected in the life and teachings of Jesus Christ. Our academic excellence is based on a Christ-centered view that all truth is God's truth, and that the Bible is the inspired, infallible, authoritative Word of God. The Word of God is to permeate all areas of the GCA experience—our curriculum, culture, relationships, extracurricular activities, attitudes—instead of simply being a separate subject taught on a purely intellectual basis.*

MINIMUM GRADUATION COURSE REQUIREMENTS

Below you will find course requirements as outlined by both GCA and the Ohio Department of Education. In addition to course completion requirements, students must demonstrate competency through End of Course exams and demonstrate readiness by obtaining at least two graduation seals. For more information about graduation requirements, please see the Parent/Student Handbook.

Diploma

To graduate with a diploma, a student must meet all the GCA minimum graduation requirements.

Bible	4 credits*
English	4 credits
Mathematics	4 credits ¹
Science	3 credits ²
Social Studies	3 credits ³
Electives	2 credits ^{4*}
Fine Arts	1 credit
Foreign Language	2 credits
Health	½ credit*
Physical Education	½ credit ^{5*}

Total of 24 graduation credits to complete.

Academic Honors Diploma

To graduate with an academic honors diploma, a student must meet all GCA minimum graduation requirements in addition to fulfilling 7 of the 8 requirements listed below.

English	4 credits
Mathematics	4 credits ⁶
Science	4 credits ⁷
Social Studies	4 credits ³
Fine Arts	1 credit
Foreign Language	3 credits ⁸
ACT/SAT Score	27 ACT/1280 SAT ⁹
GPA must be a minimum of 3.5 on a 4.0 scale	

Minimum of 26 graduation credits to complete.*

¹ **Mathematics** credits must include 1 credit of Algebra II or its equivalent.

² **Science** credits must include one credit of physical sciences, one credit of life sciences and one credit of advanced study.

³ **Social Studies** credits must include ½ credit of American history, ½ credit of American government, ½ credit of World history, and ½ credit of personal finance.

⁴ **Elective** credits may be increased to 2 ½ credits if using the PE exemption.

⁵ **Physical Education** may be exempted by students who participate in interscholastic athletics or cheerleading for two full seasons.

⁶ **Mathematics** credits must include Algebra I, Geometry, Algebra II or another equivalent and another higher-level course or a 4-year sequence of courses that contain equivalent content.

⁷ **Science** credits must include two credits of advanced science.

⁸ **Foreign language** requirements must include 3 credits of one world language, or no less than 2 credits of each of two world languages studied.

⁹ Excluding scores from the writing section of each test.

* Indicates minimum graduation requirements needed.

SAMPLE COURSES OF STUDY

MIDDLE SCHOOL COURSE OF STUDY

6th grade

Bible
 English
 Math
 Science
 Social Studies
 Elective*
 Elective*
 Study Hall

7th grade

Bible
 English
 Math
 Science
 Social Studies
 Elective*
 Elective*
 Study Hall

8th grade

Bible
 English
 Pre-algebra or Algebra I (based on teacher recommendation)
 Science
 Social Studies
 Elective
 Elective
 Study Hall

*Electives typically include art, computer, life skills, music, and PE, but could vary from year to year.

HIGH SCHOOL COURSE OF STUDY

The following courses are listed for example purposes only. Students may substitute listed elective courses for the recommended electives, as long as graduation requirements are met.

COLLEGE PREP (CP) COURSE OF STUDY

Freshman Year

Bible 9
 English 9
 Algebra I
 Physical Science
 World History
 Spanish I
 PE/Health
 Study Hall
 Physical Education

Sophomore Year

Bible 10
 English 10
 Geometry
 Biology
 US History
 Spanish II
 Technology/Fine Arts
 Elective
 Study Hall

Junior Year

Bible 11
 English 11
 Algebra II
 Chemistry
 Geography/Political
 Behavior
 Speech/Debate
 Career Exploration /Fine
 Arts Elective
 Study Hall

Senior Year

Bible 12
 English 12
 Pre-Calculus
 Government/Personal
 Finance
 Fine Arts/Technology
 Elective
 TA/Elective
 Study Hall

ADVANCED COLLEGE PREP (ACP) COURSE OF STUDY

<u>Eighth Grade Year</u>	<u>Freshman Year</u>	Sophomore Year	<u>Junior Year</u>	<u>Senior Year</u>
Algebra I	Bible 9	Bible 10	Bible 11	Bible 12
	ACP English 9	ACP English 10	ACP English 11	AP English
	Physical Science	ACP Biology	ACP Precalculus	AP Calculus
	ACP Geometry	ACP Algebra II	ACP Chemistry	Government/Personal Finance
	World History	AP US History	Geography/Political Behavior	ACP Anatomy & Physiology
	Spanish I	Spanish II	Spanish III	ACP Physics
	Fine Arts/Health	Career Exploration/Elective	Speech/Debate	Elective (x2)
	Study Hall	Study Hall	Study Hall	Study Hall
	Physical Education			

COURSE DESIGNATIONS

All core high school courses are designated as College Preparatory (CP) course, Advanced College Preparatory (ACP) course, or Advanced Placement (AP) course.

COLLEGE PREP (CP) COURSES

College Prep (CP) describes traditional high school courses offered at GCA. CP courses include the core classes required for the GCA Diploma. Any possible prerequisites and/or grade average requirements will be specified in the course description.

ADVANCED COLLEGE PREP (ACP) COURSES

Advanced College Prep (ACP) courses provide the opportunity for an honors track within the areas of English, math, social studies, and science. Generally, the coursework is taught at a faster pace and explores certain content more in depth. Students must have achieved at least a B+ average in all general coursework that leads up to each ACP class or at least a B- average in the preceding ACP class as a requirement for enrollment unless otherwise designated in the course description. The approval of the principal or teacher may be required and individual classes may have additional requirements as specified in their course description.

ADVANCED PLACEMENT (AP) COURSES

Advanced Placement (AP) courses are defined by the College Board as college-level courses which can result in both high school and college credit. Course descriptions, standards, exam content, and other requirements are set by the College Board. Students must have achieved at least a B+ average in all general coursework that correlates to the AP course. A teacher recommendation is also required. Students who register and take the AP Exam will not be required to take a GCA Final Examination for the course. Any student who does not take the AP exam must take the course's final exam and no exemption will be offered. The students who score a 3 or higher (out of 5 possible) on the AP Exam may earn college credit, depending on the college that is accepting the score for credit.

GRADING SYSTEM

CP classes are on a 4.0 grading scale. For weighted GPA purposes, ACP courses are on a 4.5 grading scale, and AP classes are on a 5.0 grading scale. College Credit Plus (CCP) courses will be calculated into the student's grade point average per Ohio Department of Education guidelines. For Pass/Fail classes, a 75% or higher is considered passing. Pass/fail classes are not calculated into GPA.

OTHER TYPES OF COURSES

CREDIT-FLEX COURSES

Families may desire that their students take a course not available through GCA. If it is not a CCP course, a Credit-Flex Application is required. Any course taken outside of GCA must be approved by the HS Principal to receive high school credit before beginning the course to ensure proper award of credit. When pursuing this route of educational options, please remember the Ohio Department of Education (ODE) requires a minimum of 60 seat hours for a 1/2 credit and a minimum of 120 hours for 1 credit of each course taken. A Credit-Flex Application should also be completed for any independent study courses taken outside of GCA or for consideration of outside sports related credit waiver for the Physical Education requirement. Please see this Student Services Coordinator to discuss this option and to request an application.

COLLEGE CREDIT PLUS (CCP) COURSES

GCA students may choose to take college-level courses through the CCP program. These courses may be taken through a college/university of their choosing. CCP funds are awarded through the Ohio Department of Education (ODE) and require students to apply for funding by April 1 of the school year prior to participation. Funding is limited and is allocated according to the ODE standards. CCP courses are considered dual enrollment courses, will typically assist students in fulfilling high school graduation requirements, and will affect both their HS and their College GPA (grade point average). Course choices may not include any religious or faith-based courses or funding for the course is forfeited. Students should thoroughly discuss this option with their parents, the GCA CCP Coordinator/Student Services Coordinator, and the college/university CCP Coordinator.

COURSE OFFERINGS

BIBLE

BIBLE 9 – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: None

The focus of this class is to invite students to build a solid foundation of belief in the person of Christ. Students will examine the foundational elements of faith systems and understand the foundational distinctions of a Christ-centered worldview. Students will be challenged to apply the definitions of faith and truth in their examination of the Bible as God's inerrant revelation.

BIBLE 10 – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: Bible 9

Students will understand that Jesus is our model of spiritual maturity and that He invited us to follow His model for spiritual transformation. Students will understand the significance of each of Christ's major invitations in the process of Transformation and learn how to apply each invitation to their daily lives. Through the process of the eight credits of the course students are invited to personalize their response to Christ's invitation: Follow Me and I will make you fishers of men (Mark 1:17).

BIBLE 11 – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: Bible 10

Students will examine the Life of Christ to gain more full perspective and understanding on the person and work of Jesus Christ. Through the course students are invited to personalize their response to Christ's question, "Who do you say that I am?"

BIBLE 12 – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: Bible 11

Students will be challenged and equipped to articulate what and why they believe and to communicate a reasoned faith in a contemporary culture of competing worldviews.

COMPUTER & TECHNOLOGY

TECH 1 -- ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: None

Students will study and discover many aspects of technology. Topics include safety, security, website building and design, and how to be a good digital citizen. Learning how to use applications for classroom exercises and real-world projects like a budget or business invoice. We'll also take a look at the computer sciences and see how we can write code to accomplish tasks and store information in databases.

TECH 2 -- ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: Tech I

Students will continue to build upon the skills learned in Tech I. Real life scenarios will provide the basis for a deeper understanding of computer science.

FINE ARTS

ART I– ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite -- None

In this course, students will be introduced to various mediums and techniques to develop an appreciation for art as well as art making. Students will explore the beginning of God's hand in art within the world.

ART II– ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite – Art I

In this course, students use their knowledge from Art I to explore art techniques at a deeper level. Students complete various individual projects.

ART III– ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite – Art II

Advanced students will focus on portfolio development as they continue to develop skills in producing high quality works of art. Emphasis is placed on creating more complex visual statements. A wide range of materials and processes will be further explored, and students will have the opportunity to focus on a chosen subject or medium. The course is intended for advanced students creating a portfolio.

CHOIR/CHORAL-- ½ credit

Full Year -- Elective course (4.0 scale)

Prerequisite: Auditions could be required based on instructor request.

This course is for developing and/or advanced singers as they prepare for multiple performances/concerts throughout the school year. Music theory is incorporated into various chorale selections. This class is a mixture of GCA and homeschool students. It typically meets three days per week.

DIGITAL PHOTOGRAPHY-- ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: Art I

In this course students will be introduced to the world of digital photography. Students will learn the basic concepts of digital imaging, along with editing on Chromebooks. Connections between God's creation and visual beauty will be made. Students are required to supply their own digital camera for use every day. iPods, iPhones, or similar devices are not permitted for use in this course.

YEARBOOK – 1 credit

Full year -- Elective course (4.0 scale)

Prerequisite: Digital Photography (preferred); Teacher approval required

This course is designed for GCA students who have a strong interest to learn about design, layout, editing, and copy writing of publications. Students participating in this course will be responsible for creating the GCA yearbook using an online publication software and the Lifetouch website. Students will be expected to cover events DURING and AFTER school hours and to come in during the SUMMER to finish layouts if necessary. This course is comparable to an office environment and exposes students to deadlines, schedules, group projects, news reporting, interviewing techniques, independent projects, etc. Juniors and seniors will be given priority enrollment; however, sophomore and freshman students may be admitted upon advisor approval. This course may be taken as a repeat class for elective credit upon administrative approval.

FOREIGN LANGUAGE

Students must take two years of the same language to meet GCA graduation requirements. If students choose to take a language option other than Spanish, they must complete a Credit-Flex application and receive approval by the administration before beginning the course. An academic honors diploma requires three years of the same language or two years of two different languages.

SPANISH I – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite -- None

This course is designed to provide basic information that allows students to form the foundation for developing proficiency in Spanish. The course is designed to meet the five “C’s” of the national standards for foreign languages: communication, cultures, connections, comparisons, and communities. The course will cover basic vocabulary and expressions and the conjugation of present tense verbs. Additionally, students will discover the culture that accompanies the Spanish language.

SPANISH II – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: Spanish I

Students build on the foundation of Spanish I in this course, striving to mix interactive activities with a progression to meaningful communication in realistic situations. The course also expands students’ understanding of the civilization, culture, and customs of Spanish speaking people. In addition to new vocabulary, the conjugation of verbs in the past tense, along with other useful grammatical points, will be covered. The course gives students a basic understanding of the Spanish language through listening, speaking, reading, and writing instruction.

SPANISH III – 1 credit

Full year -- Elective course (4.0 scale)

Prerequisite: C or higher in Spanish II or based on teacher recommendation

This course furthers the knowledge of students’ language skills through review of the fundamentals of Spanish language structure and by emphasizing oral reading comprehension and self-expression in speaking and writing. There will also be an introduction to the future tense, the conditional tense, and the subjunctive mood. Students may take this course to fulfill the Foreign Language requirement for an Academic Honors Diploma.

LANGUAGE ARTS

Students must choose one English course per year to meet graduation requirements (CP, ACP, or AP).

CP ENGLISH 9: FOUNDATIONS OF LITERATURE – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: None

CP English 9 provides a foundation for the study of literature and composition. Through the study of short stories, poetry, drama, and the novel, the students will develop knowledge of literary terms and techniques, giving them the skills to analyze literature. Students will explore literature and develop their vocabulary through the study of various novels. This year is a foundational year in utilizing grammar skills within writing. The course will further serve as a workshop to develop the grammar and writing skills needed throughout high school with an emphasis on writing as a process. The concept of citing sources (both digital and print) and writing original works will be discussed along with the importance of plagiarism.

ACP ENGLISH 9: FOUNDATIONS OF LITERATURE – 1 credit

Full year -- Required course (4.5 scale)

Prerequisite: Students must have an A or B average in English 8 and be recommended by the English 8 teacher.

In this course, the students will study all of the content covered in the CP English 9 class at a faster pace which allows for coverage of additional content, providing a foundation for the study of literature and composition. Through the study of various short stories, poetry, dramas, and novels, students will develop knowledge of literary terms and techniques, giving them the skills to analyze literature. Students will explore literature and develop their vocabulary through the study of various novels. This year is a foundational year in utilizing grammar skills within writing. The course will further serve as a workshop to develop the grammar and writing skills needed throughout high school with an emphasis on writing as a process. The concept of citing sources and writing original works will be discussed along with the importance of plagiarism. This course is recommended for those interested in Advanced Placement (AP) or College Credit Plus (CCP) courses as upperclassmen.

CP ENGLISH 10: WORLD LITERATURE – 1 credit

Full year -- Required course (scale 4.0)

Prerequisite: CP English 9 or ACP English 9

CP English 10 is designed to prepare students for more complex and detailed reading and writing assignments. Students will study major literary forms such as the short story, novel, biography, poetry, and a Shakespearean play. Students will explore literature and continue to develop their vocabulary through the study of various World Literature novels. Students will further develop formal writing skills with emphasis on paragraph development, exposition, clarity, and coherence through a variety of process-based writing assignments. Considering the audience, students will write a variety of essays focusing on application of evidence to support claims.

ACP ENGLISH 10: WORLD LITERATURE – 1 credit

Full year -- Required course – (4.5 scale)

Prerequisite: Students must have a grade of C+ or above in ACP English 9, or students must have an A or B average in CP English 9 and be recommended by the CP English 9 teacher.

This course is designed to build on the concepts established in ACP English 9 or CP English 9, preparing students for more complex and detailed reading, and writing assignments. The course moves at a more rapid pace than CP English 10, allowing for more thorough study and additional content. Students will explore literary themes, understand author's choice, and continue to develop their vocabulary through the study of various World Literature novels. Students will further develop formal writing skills with an emphasis on paragraph development, exposition, clarity, and coherence through a variety of process-based writing assignments. Considering the audience, students will write a variety of essays focusing on application of evidence to support claims. This course is recommended for those interested in Advanced Placement (AP) or College Credit Plus (CCP) courses as upperclassmen.

CP ENGLISH 11: AMERICAN LITERATURE – 1 credit

Full year -- Required course (scale 4.0)

Prerequisite: CP English 9 and CP English 10 or ACP English 9 and ACP English 10

Students will explore literature through a study of American Literature selections. The students will develop and enhance their ability to critique and analyze literature through process-based writing. Within their writing, students review grammar concepts, identifying weak areas and focusing on learning in these areas. Instruction will be intentional toward applying grammar skills to writing. Students will polish their presentation skills through projects which develop both presentation-building skills and oral reporting.

ACP ENGLISH 11: AMERICAN LITERATURE – 1 credit

Full year -- Required course (4.5 scale)

Prerequisite: Students must have a grade of C+ or above in ACP English 10, or students must have an A or B average in CP English 10 and be recommended by the English 10 teacher.

This course provides students with an in-depth study of literature through the study of American Literature selections. The students will develop and enhance their ability to critique and analyze literature through process-based writing in addition to identifying literary techniques and improving close reading skills. Within their writing, students review grammar concepts, identifying weak areas and focusing on learning in these areas. Instruction will be intentional toward applying grammar skills to writing. Students will polish their presentation skills through projects which develop both presentation-building skills and oral reporting. This course is designed to move quickly and prepare students for Advanced Placement (AP) or College Credit Plus (CCP) courses as upperclassmen.

CP ENGLISH 12: BRITISH LITERATURE – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: CP English 9, CP English 10, and CP English 11 or ACP English 9, ACP English 10, and ACP English 11

The purpose of CP English 12 is to prepare students for various real life experiences, as well as to equip them with effective communication tools through the use of writing and presentations. Literature is analyzed and discussed in the light of God's Word and includes various selections from British Literature. Comparison between American and British Literature and vocabulary will be looked at.

AP LITERATURE AND COMPOSITION – 1 credit

Full year with summer work – Required course (5.0 scale)

Prerequisite: Students must have achieved at least a B+ average in all general coursework that correlates to the AP course and receive a teacher recommendation. In addition, students must complete the summer required readings by the start of school.

AP Literature and Composition is, in part, an assimilation of skills, concepts, and information taught in the previous high school English courses. The major emphasis is on close-reading skills in conjunction with composition and writing to prepare students for the rigor of college courses. Through the development of individual skills and group activities, the students learn to become comfortable sharing ideas and their own personal writing. Students will be expected to read nightly and write often. Projects will include presentations, interpretive teachings, and oral reports. Literary emphasis is on thoughtful and critical analysis of literature. Any student taking the course will take the AP Literature and Composition exam or else he/she will be required to take the Course Semester Exam. Certain scores on this exam can potentially earn the student college credit.

DEBATE – ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: Speech

This course is designed to teach students the basic modes and concepts of debate. Whatever career path students choose, they will at various times be called upon to communicate their beliefs in a coherent and engaging way. Therefore, it is important that each student master the confidence, poise, and skills necessary to debate effectively. Students in this course will participate in communications ranging from group dynamics and parliamentary procedure to debates.

SPEECH – ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite -- None

This course is designed to teach students the basic types of public speaking. Whatever career path students choose, they will at various times be called upon to communicate in a public setting or format. Therefore, it is important that each of them masters the confidence, poise, and skills necessary to communicate effectively. Students in this course will participate in various communication styles.

MATHEMATICS

Students must choose one mathematics course per year to meet graduation requirements (CP, ACP, or AP).

CP ALGEBRA I – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: Passing 8th grade math.

Students will be introduced to topics such as linear equations and inequalities, graphing functions, systems of equations and inequalities, exponents, quadratic functions, polynomials, factoring, and radicals, probability and data analysis. Students will use their knowledge of functions to model real-world situations. This course establishes the skills necessary for success on the ACT/SAT tests, as well as equipping students to build a foundation of math skills necessary for college readiness. A graphing calculator is required.

ACP ALGEBRA I (8TH GRADE) – 1 credit

Full year -- Required course (4.5 scale)

Prerequisite: Completion of pre-algebra in 7th grade and a teacher recommendation

As in CP Algebra I, students will be introduced to topics such as linear equations and inequalities, graphing functions, systems of equations and inequalities, exponents, quadratic functions, polynomials, factoring, and radicals, probability and data analysis. Students will use their knowledge of functions to model real-world situations, yet they will progress more rapidly with increased expectations. Due to the advanced pacing, students in this course will cover more concepts, helping to prepare those students interested in careers requiring advanced mathematical skills. This course establishes the skills necessary for success on the ACT/SAT tests, as well as equipping students to build a foundation of math skills necessary for college readiness. A graphing calculator is required.

BUSINESS MATH – 1 credit

Full year – 4th year option for 12th grade students (4.0 scale)

Prerequisite: Algebra II

Students will be provided opportunities to apply math within real-life, practical situations. There is an exploration of both the role of consumer and investor. Formulas are used to understand concepts such as investing, loans, insurance, taxes, homeownership, and other topics. A calculator specific to the course will be loaned to students for the duration of the course.

CP GEOMETRY – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: Algebra I

This course begins with a proof-based introduction to geometry involving drawings and constructions. Students will discover and apply relationships involving lines, angles, triangles, quadrilaterals, circles, and regular polygons. Then the students will move on to more problem-based material including coordinate geometry, ratios and proportions, trigonometry, transformations, and probability. Algebra is consistently embedded in this course. A graphing calculator is required.

ACP GEOMETRY – 1 credit

Full year -- Required course (4.5 scale)

Prerequisite: Algebra I. Students in the CP Algebra track wishing to take ACP courses must be recommended by a teacher

This course begins with a proof-based introduction to geometry involving drawings and constructions. Students will discover and apply relationships involving lines, angles, triangles, quadrilaterals, circles, and regular polygons. Then the students will move on to more problem-based material including coordinate geometry, ratios and proportions, trigonometry, transformations, and probability. Algebra is consistently embedded in this course. ACP Geometry moves at a faster pace and explores mathematical concepts further than CP Geometry, with a greater emphasis on proofs. A graphing calculator is required.

CP ALGEBRA II – 1 credit

Full year -- Required course (4.0 scale)**Prerequisite: Algebra I**

This course of study includes linear functions and inequalities, graphing, systems of equations, quadratic functions and factoring, polynomials, radical functions, exponential and logarithmic functions, rational functions, an overview of conic sections, probability, and series and sequences. A graphing calculator is required.

ACP ALGEBRA II – 1 credit**Full year -- Required course (4.5 scale)**

Prerequisite: ACP Algebra I and ACP Geometry. Students in the CP Algebra track wishing to take ACP courses must be recommended by a teacher.

This more in-depth course of study includes linear functions and inequalities, graphing, systems of equations, quadratic functions and factoring, polynomials, radical functions, exponential and logarithmic functions, rational functions, conic sections, probability, and series and sequences. ACP Algebra II moves at a faster pace and explores mathematical concepts further than CP Algebra II. A graphing calculator is required.

ACP/CP PRECALCULUS – 1 credit**Full year – Required course (CP- 4.0 and ACP- 4.5 scale)**

Prerequisite: ACP/CP Algebra II and ACP/CP Geometry. Students in the CP mathematics track wishing to take ACP courses must be recommended by a teacher.

In this course, the students will do an overview of functions but spend the large portion of the year learning to solve and graph trigonometric functions as well as prove their identities. Basic vector operations, polar coordinates, complex numbers, and exponential/logarithmic functions make up the latter part of the year, giving students a foundation for Calculus. A graphing calculator is required.

AP AB CALCULUS – 1 credit**Full year -- Recommended course (5.0 scale)**

Prerequisite: Precalculus with an A or B average.

AP Calculus is a senior-level course approved by the College Board. Calculus is the study of limits, and is divided into two basic types, differential and integral. This course covers both types and is roughly equivalent to the first semester of college-level Calculus. Any student taking the course will take the AP Calculus exam or else he/she will be required to take the Course Semester Exam. Certain scores on this exam can potentially earn the student college credit.

PHYSICAL EDUCATION & HEALTH

FITNESS AND NUTRITION – 0.5 credit

1 year -- Elective course (4.0 scale)

Prerequisite: None

Students will learn about nutrition and why it is important to take care of the physical bodies God gave them. The course will include a combination of coursework and physical fitness. Students will learn about fitness and nourishment and will then apply the concepts to their own physical fitness and well being. Proper form of fitness, nutrition, what it means to work out, rest/recovery, and why God created our bodies to be active will all be covered with this course. On days when students will be doing fitness and kinesthetics they must dress in the required PE uniform.

PHYSICAL EDUCATION –required 0.5 credit

1 year -- Required course (4.0 scale)

Prerequisite: None

Students will connect the unique way God created our bodies to be physically healthy. Topics covered include the understanding of general wellness and the need for physical activity, specialized development of locomotor skills, concepts related to movement and performance (such as rules to games, etc.), and the application of appropriate personal and social behaviors in physical activities. The setting will include individual and peer related activities such as sports, etc. All students must daily wear the required PE uniform as specified in the Parent/Student Handbook.

PHYSICAL FITNESS WAIVER – 0 credit

2 seasons – Completed at 100% participation

The physical education requirement must be fulfilled either by taking ½ credit of PE classes or by playing two seasons of OHSAA/GCA sanctioned sports. Students may substitute two seasons of any sport for the high school PE credit provided the student is not cut, removed from the team, or quits the team before the end of the season. ***One season of sports and ¼ credit of PE is not acceptable, according to Ohio Department of Education rules.*** Students using the Physical Fitness Waiver must take additional coursework to equal the required graduation credits.

HIGH SCHOOL HEALTH – ½ credit

1 semester -- Required course (4.0 scale)

Prerequisite: None

Health introduces students to the importance of spiritual health and physical health. Through a lens of Biblical discernment topics of physical (proper diet, exercise, first aid, healthy relationships, etc.), spiritual (personality types, spending time with God, etc.), and mental health (suicide, organ donation, mental health awareness, etc.) development are explored. Practical connections to the medical field are woven in throughout the course. Students will learn about stewarding the bodies God has given them as directed in the Bible; and describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them. This course is designed for Freshman and Sophomores, but may be taken any time during high school.

SPORTS LEADERSHIP – ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: None

Based on the fundamentals and methods of sports leadership, this course was created to help develop high school team leaders. Various topics will be explored including the 14 Laws of Athletic Leadership, overseeing an athletic program, legal risks, etc. Participants learn about using their God given athletic abilities in a leadership role.

SCIENCE

Students must complete a total of three science courses to meet graduation requirements, or they must complete four science courses for an Academic Honors Diploma. ***Various types of laboratory experiences are built into each science course. Students in a science class must submit a safety agreement before participating in this portion of the course.***

ACP ANATOMY & PHYSIOLOGY – 1 credit

Full year -- Elective course (4.5 scale)

Prerequisite: Students must have a minimum average of a B+ in Biology and Chemistry (other sciences must receive approval) and must receive a teacher recommendation to be placed in this course.

This senior-level course is a great primer for future health professionals and for students interested in how the human body functions. Anatomy & Physiology focuses on the elegance and efficiency of the healthy person and demonstrates what happens when things go wrong. This course stimulates critical thinking and introduces medical vocabulary. Anatomy & Physiology showcases the beauty and connectedness of each body system. The course covers the integumentary, skeletal, muscular, nervous, endocrine, lymphatic, respiratory, circulatory, digestive, urinary, and reproductive systems. The advanced pacing and rigorous requirements of this course are designed to prepare students for college-level work as well as establishing a strong foundation for those entering medical fields.

CP BIOLOGY – 1 credit

Full year -- Required Course (4.0 scale)

Prerequisite: Physical Science

From the simplicity of a one-celled bacterium to the complexity of the universe, this course will take students through the principles of life science in organisms. Students will survey the plant and animal kingdoms, be introduced to microbiology and genetics, the study the life, and processes of individual cells. In the study of all life there is the evidence of the power and creativity of God, and this class will show how he reveals Himself to us through creation. This course will involve lab activities.

ACP BIOLOGY – 1 credit

Full year -- Required course (4.5 scale)

Prerequisite: Physical Science; students must have an A or B average in CP Physical Science and must receive a teacher recommendation to be placed in this course.

ACP Biology is an accelerated course in which the emphasis is on going deeper and more rapidly into the areas covered in Biology in order to prepare students for the demands of college coursework. With the guidance of labs and group activities, students learn to share their own ideas and discoveries in this field.

CP CHEMISTRY – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: Biology and Algebra II

Students in this course will study the basic concepts of chemistry, including atomic structure, chemical bonding, and reactions. Chemical concepts are at the foundation of all life processes, and students will learn how chemistry is experienced every day around us. The order and mathematical nature of chemistry show us the precision and order of God's character displayed through creation. This course will involve lab activities.

ACP CHEMISTRY – 1 credit

Full year -- Required course (4.5 scale)

Prerequisite: ACP Biology and Algebra II; students must have a grade of C or above in ACP Biology or have an A or B average in CP Biology and must receive a teacher recommendation to be placed in this course.

ACP Chemistry is an accelerated course which includes, in part, an assimilation of skills, concepts, and information taught in the previous high school science courses. The major emphasis is on an in-depth study of chemistry at a more rapid pace to prepare students for the demands of college coursework. With the

guidance of labs and group activities, students learn to share their own ideas and discoveries in this field. Lab reports, along with student findings, will be a large portion of the grade.

ACP PHYSICS: ELECTIVE LEVEL 401 – 1 credit

Full year -- Elective course (4.5 scale)

Prerequisite: Biology, Chemistry, and Algebra II; students must have a grade of C or above in ACP Chemistry or have an A or B average in CP Chemistry and must receive a teacher recommendation to be placed in this course.

This senior-level course explores how God's methods of creation and maintenance of His universe are both systematic and consistent. By using the natural laws God has put in place, we are able to study and predict the results of many physical actions. This course studies the law of motion, energy, light, sound, heat, and particle interaction, as well as the exploration of the wave action of both mechanical and electromagnetic waves, and the fundamentals of electricity. The course is focused on math and lab experiments and will involve lab activities.

CP PHYSICAL SCIENCE – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: 8th grade science

In this course, students will study the interactions of motion, acceleration, speed, gravity, and forces. Additionally, students will learn how these principles interact with simple machines, magnetism, and electricity. Throughout the course projects will be completed that demonstrates student understanding and level of mastery of the scientific principles.

ACP PHYSICAL SCIENCE – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: 8th grade science and must receive a teacher recommendation to be placed in this course

Opportunities to explore and interact with the concepts of motion, acceleration, speed, gravity, and forces will be provided. Students will be given time to demonstrate the depth of their understanding of these concepts through laboratory experiences and projects. These projects will require students to explain and demonstrate their understanding and level of mastery of the scientific principles while also incorporating outside sources.

SOCIAL STUDIES

Students must complete a total of three social studies courses to meet graduation requirements, or they must complete four social studies courses for an Academic Honors Diploma. Credits must include ½ credit of American history, ½ credit in World History and Civilizations, ½ credit of American government, and ½ credit of personal finance.

AP UNITED STATES HISTORY – 1 credit

Full year -- Required course (5.0 scale)

Prerequisite: B or higher in previous English class and must receive a teacher recommendation to be placed in this course

AP U.S. History is a course that focuses on the development of disciplinary practices and reasoning skills and an understanding of content organized around seven themes from 1491 to the present. Themes include American and National Identity; Politics and Power; Work, Exchange, and Technology; Culture and Society; Migration and Settlement; Geography and the Environment; America in the World. Any student taking the course will take the AP United States History exam or else he/she will be required to take the Course Semester Exam. Certain scores on this exam can potentially earn the student college credit.

CP UNITED STATES HISTORY – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: None

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. All concepts will be tempered with the Christian worldview perspective according to God's expectations set forth in the Bible.

CP GOVERNMENT – ½ credit

1 semester -- Required course (4.0 scale)

Prerequisite: World History and American History

This required course is a study of the intricacies of our American governmental system, its history, purpose, and application to our lives as citizens of the United States government. Students will learn the foundations of this nation's government, and how it applies to us as Christians and citizens.

CP WORLD HISTORY – 1 credit

Full year -- Required course (4.0 scale)

Prerequisite: None

This course examines world events from 1600 to present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements, and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. All concepts will be tempered with the Christian worldview perspective according to God's expectations set forth in the Bible.

CP PERSONAL FINANCE – ½ credit

1 semester -- Required course (4.0 scale)

Prerequisite: None

Students enrolled in this will participate in action-oriented lessons making decisions about earning an income, saving, spending, using credit, and budgeting. All instruction and lessons in this class will be tied to the Biblical perspective on money and financial literacy requirements set by the state of Ohio. Featured

topics will include evaluating career choices, making responsible spending decisions, applying for a job, using credit wisely, the cost of spending versus saving, car loans, home loans, retirement, and insurance.

POLITICAL BEHAVIOR & PUBLIC OPINION – ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: None

This course will review the role of political parties in the United States and analyze the meaning and function of public opinion and political behavior. Students will learn how both public opinion and political behavior relate to American democracy and gain a better understanding of how citizens of the United States can interact with and impact their government.

WORLD GEOGRAPHY – ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: None

This course builds on current understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, students will examine the implications of these spatial arrangements. All of these concepts will be tempered with the Christian Worldview and Creation Science perspectives according to God's expectations set forth in the Bible.

GENERAL ELECTIVES

CAREER EXPLORATION – ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: None

This course offers students the opportunity to discover their God-breathed natural talents, abilities, and aptitudes, explore their career possibilities, and understand their college options and entrance requirements. Students will take class time to research and discover their spiritual gifting and their abilities through online assessments and surveys. Additionally, students will research the Occupational Outlook Handbook to study trends of the industries that they are considering. Students also will have the opportunity to research colleges, their program offerings, financial aid, and the process of college applications.

FAMILY GROUPS – ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: None

The course is designed to offer the mature Christian student a chance to invest themselves in the spiritual growth of our kindergarten through fifth grade student population. A weekly lesson is prayerfully crafted from The Scriptures. It may be a stand-alone account or a part of a short 2-3 week series, either way it is designed and rehearsed from Tuesday – Friday. Then on Monday, the lesson is taught in a 30-minute window to a particular class they work alongside throughout the semester. Games, crafts, songs, videos or dramas may be an additional part of the lesson. Life application is an additional key component to each lesson as well as the use of our “ping-pong ball” reward system for good and outstanding behavior. This course may be taken as a repeated class for elective credit upon administrative approval.

IGNITIA – ½ to 1 credit

1 semester or Full year -- Elective course (4.0 scale)

Prerequisite: varies per course

GCA is pleased to be able to offer a wide variety of electives through Ignitia – “a versatile online Christian curriculum and learning management system with dynamic, Christ-centered lessons and interactive features.” Students will be able to sign up for classes and will be able to complete them during available study hall time or at home; anywhere, really – as long as they have internet connectivity. Students taking Ignitia courses will be monitored by a GCA teacher who will help to ensure that students are successful in their course: tracking their assignment schedules and grades, entering grades into GCA’s grading system, etc. General elective courses will be graded on a 4.0 scale with the exception of ACT Prep which is a Pass/Fail class. All Technical & Career Education courses are Pass/Fail. Certain Ignitia courses may be included in the regular GCA tuition; other Ignitia courses may require separate payment.

ITALIAN – ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: None

This course covers basic concepts and structure of the Italian language, as well as look into the various customs and lifestyles of Italians living throughout the different regions of Italy. This course will focus on reading, writing, listening, and speaking the language, so that by the end of the course students will be able to communicate in Italian at a basic level. This elective includes regular grades but will not include a final examination.

LIFE SKILLS – ½ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: None

Students in this course will develop knowledge and skills necessary for everyday living. The course emphasizes goal-setting, decision making and problem solving, communication, healthy lifestyles and relationships, nutrition, personal safety, citizenship, and consumerism.

TEACHING ASSISTANT – ¼ credit

1 semester -- Elective course (4.0 scale)

Prerequisite: Training may be required before beginning this elective.

The Teaching Assistant program is available to junior and senior students first and underclassmen according to need. This opportunity exists for students to serve as an assistant/tutor to a classroom teacher on a semester basis. Students assigned as Teaching Assistants will be assigned to a specific teacher(s) during a study hall period and will have duties daily. Duties vary according to the assignment. Students must remain academically eligible according to the guidelines in the Parent/Student Handbook. Students may receive at most 1.0 high school credit for any combination of teaching or tech assisting.

THEATRE I – 0.5 credit

1 semester -- Elective course (4.0 scale)

Prerequisite: None

This course introduces students to the theatrical arts. Students learn to use their God given talents to explore and develop creativity, collaboration, and perseverance. Areas covered in depth include theatre history and vocabulary, roles in the theatre, various acting methods, the reading of plays, theatre design and tech, and viewing theatre performances. Students will have the opportunity to participate in at least one production during the year.

THEATRE II – 0.5 credit

1 semester – Elective Course (4.0 scale)

Prerequisite: Theater 1

Theatre II is a continuation of Theatre I, with a focus on the practical application of the skills learned in Theatre I with a goal of a fully realized theatrical production.

GRADUATION AWARDS

Granville Christian Academy presents specific awards to senior recipients at the GCA graduation ceremony. These awards recognize exceptional achievement in academic courses. To be considered for any of the following awards, a student must be enrolled as a full-time student at GCA for both the junior and senior years [four (4) consecutive semesters] (full time is defined as an enrolled student who pays full tuition). Full-time GCA students that are enrolled in College Credit Plus (CCP) courses are still eligible for the graduation awards if they meet the requirements. The evaluation of grades will include all grades awarded through the end of April.

The awards and their criteria are as follows:

Valedictorian – one (1) graduating senior will be awarded this honor by the Administration after careful evaluation of the following requirements:

1. First, the student must qualify for an Academic Honors Diploma;
2. And, the student must have taken all available ACP courses offered at GCA during their GCA enrollment;
 - a. CCP courses may not replace available ACP or AP courses offered at GCA;
 - b. Students who do not qualify for Algebra I in eighth grade may receive an exception if they complete an individualized plan that allows them to re-enter the ACP math track;
3. And, students must take at least three of the five following ACP/AP courses offered at GCA: AP US History, AP English, AP Calculus, ACP Anatomy & Physiology, or ACP Physics.
4. Then, the student must have the highest unweighted GPA.

If a tie exists, then,

5. the student must have the highest cumulative weighted numeric average on a 100% scale, to the thousandth place, for all high school coursework taken while enrolled at GCA. For approved CCP or other approved non-GCA courses, the grade will be averaged as specified in the GCA College Credit Plus Program located on the school website.

If a tie still exists after the previously specified steps, more than one (1) Valedictorian may be awarded. In this case, there will be no Salutatorian.

Salutatorian – the graduating senior with the second highest, unweighted GPA and meeting the above guidelines will be the Salutatorian.