



GRACE CHRISTIAN ACADEMY

2024-2025 High School Curriculum Guide



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GRACE CHRISTIAN ACADEMY

School Information

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PROFILE OF GRACE CHRISTIAN ACADEMY

OUR HISTORY

In 1994, God began to call Grace Baptist Church to begin a new ministry . . . a Christian school. The board conducted research, met with other Christian schools, and set policies. With almost two years of preparation, enrollment began in 1997. God worked through fifty-five families and five staff members to make Grace Christian Academy more than a vision.

Over the next few years, GCA saw enrollment almost double from year to year. By the 2000-2001 school year, enrollment was over 300 students. During that year, the construction of a new 29-classroom building began. This eventful year also saw the accomplishment of accreditation through the Association of Christian Schools International (ACSI) for grades K-8. In January 2002, the Academy moved into its new facilities.

In the 2003-2004 school year, GCA took another step by going through High School accreditation with ACSI and SACS (Southern Association of Colleges and Schools). The 2004-2005 school year brought the graduation of the first senior class and groundbreaking for Phase I of the new High School building and athletic fields.

Phase I of the new High School opened in the fall of 2006 with 175 students. Construction of Phase II began in the winter of 2010 and opened that fall. Phase II contains a lunchroom, a music suite, and nine additional classrooms.

PROFESSIONAL AFFILIATION

GCA is accredited Kindergarten-12th grade by the Association of Christian Schools International (ACSI, Cognia) and Southern Association of Colleges and Schools (SACS). GCA is also a member of the National Alliance of Christian Schools (NACS).

MISSION STATEMENT

Grace Christian Academy exists to LEAD students to a saving knowledge of Jesus Christ, to BUILD them up to their full potential in Him, and to EQUIP them to serve Him.

VISION STATEMENT

We are dedicated to being a distinctively Christian Academy that provides an educational experience which develops students who are committed to changing the world for Christ.

CORE VALUES

- **Christ-Centered** - Those who say they live in God should live their lives as Jesus did. (1 John 2:6)
- **Truth** - All Scripture is breathed out by God and profitable for teaching, for reproof, for correction, and for training in righteousness. (2 Timothy 3:16)

- **Church** - And let us consider how we may spur one another on toward love and good deeds, not giving up meeting together, as some are in the habit of doing, but encouraging one another—and all the more as you see the Day approaching. (Hebrews 10:24-25)
- **Family** - And these words that command you today shall be on your heart. You shall teach them diligently to your children, and shall talk of them when you sit in your house, and when you walk by the way, and when you lie down, and when you rise. (Deuteronomy 6:67)
- **Excellence** - And whatever you do, in word or deed, do everything in the name of the Lord Jesus, giving thanks to God the Father through him. (Colossians 3:17)
- **Service** - Show me your faith apart from your works, and I will show you my faith by my works. (James 2:18)

STATEMENT OF FAITH

- We believe the Bible to be the inspired, the only infallible, authoritative, inerrant Word of God. (2 Timothy 3:16, 2 Peter 1:21)
- We believe there is one God, eternally existent in three persons - Father, Son and Holy Spirit. (Genesis 1:1, Matthew 28:19, John 10:30)
- We believe in the deity of Christ (John 10:33), His virgin birth (Isaiah 7:14, Matthew 1:23, Luke 1:35), His sinless life (Hebrews 4:15, Hebrews 7:26), His miracles (John 2:11), His vicarious and atoning death (1 Corinthians 15:3, Ephesians 1:7, Hebrews 2:9), His resurrection (John 11:25, 1 Corinthians 15:4), His ascension to the right hand of God (Mark 16:19), and His personal return in power and glory. (Acts 1:11, Revelation 19:11)
- We believe in the absolute necessity of regeneration by the Holy Spirit for salvation because of the exceeding sinfulness of human nature, and that we are justified on the single ground of faith in the shed blood of Christ, and that only by God's grace and through faith alone we are saved. (John 3:16-19, John 5:24, Romans 3:23, Romans 5:8-9, Ephesians 2:8-10, Titus 3:5)
- We believe in the resurrection of both the saved and the lost; the saved to the resurrection of life and the lost to the resurrection of condemnation. (John 5:28-29)
- We believe in the spiritual unity of believers in our Lord Jesus Christ. (Romans 8:9, 1 Corinthians 12:12-13, Galatians 3:26-28)
- We believe in the present ministry of the Holy Spirit by whose indwelling the Christians is enabled to live a godly life. (Romans 8:13-14, 1 Corinthians 3:16, 1 Corinthians 6:19-20, Ephesians 4:30, Ephesians 5:18)

Grace Christian Academy, as a ministry of Grace Baptist Church, believes and teaches the essential doctrines of the Christian faith. GCA adheres, without apology, to the Mission Statement of Grace Baptist Church, which is:

Changing Lives that Change the World

PHILOSOPHY OF CHRISTIAN EDUCATION

We believe God has ordained this school for the edification and maturing of the body of Christ. We partner with each home and each church in our community to share in the development and operation of a functional Christian education program designed to impact its culture for Christ.

It is our responsibility to assist in discovering, developing, and channeling the student's talents and abilities for the glory of God and for the welfare and benefit of both the individual and society. We believe that each student is made in the image of God and should have the opportunity to develop their potential under the supervision of mature Christians who are academically competent, professional, and dedicated to God.

The educational program is a guide to enable each student to discover God's purpose for their life and to equip them to fulfill that purpose. Therefore, it is also our responsibility to provide a curriculum that is based on biblical standards and absolute truths which leads to the development of a biblical worldview. We believe in instruction that is ongoing, academically sequenced from one level to another, and that enables students to read and to use all areas of language arts with confidence and fluency. The curriculum should assist students to develop problem-solving abilities and use mathematical operations and concepts with accuracy through mastered skills; to gain wisdom and understanding by drawing conclusions through critical thinking based on God's absolute truths; to understand social studies and science in connection with God's relationship with mankind and the earth, His creation; to imitate the mind of Christ concerning one's self and others, exhibiting the fruit of the Spirit - love, joy, peace, patience, kindness, goodness, faithfulness, gentleness, and self-control; and to acquire habits which will produce bodies healthy and available for God's use. Because we live in the United States of America where active participation in governmental processes is encouraged by each citizen, the curriculum should incorporate the teaching of patriotism, citizenship, and service.

The responsibility of all educational personnel is to provide a viable Christian education that develops academic, vocational, creative, social, physical, and technological skills which lead to respect for learning God's truth, a desire for wisdom and knowledge, and the development of disciples ready to do good to all people, to share with others, to preach the Word in season and out of season, and to give an answer for the hope that is in them.

God has given parents/guardians the ultimate responsibility for educating their children. The Christian school functions as an extension of the home to facilitate, but not to usurp, its authority. The school can best fulfill its mission when it works cooperatively with godly parents/guardians to give the student a consistently God-centered environment.

PORTRAIT OF A GRADUATE

At Grace Christian Academy, our mission is to LEAD students to a saving knowledge of Jesus Christ, BUILD them up to their full potential in Him, and EQUIP them to serve Him. This mission, in conjunction with our core values of Christ Centered, Truth, Church, Excellence, and Service, has inspired the administration and faculty of GCA to create the following portrait of a GCA graduate. It is GCA's aspiration to partner with God, parents/guardians, students, faculty, and

staff in developing spiritually devoted, intellectually disciplined, and culturally engaged followers of Christ.

A SPIRITUALLY DEVOTED STUDENT WILL:

- Continually grow in his/her personal relationship with Christ
- Display the Fruit of the Spirit
- Pursue God's purpose and calling for his/her lives
- Demonstrate a genuine love and concern for others

In Mark 12:30, Jesus explains that the greatest commandment is to love the Lord your God with all your heart, all your soul, all your mind, and all your strength. It is our desire to LEAD our graduates towards an authentic relationship with Christ. Jesus goes on to explain in Mark 12:31 that the second greatest commandment is to love your neighbor as yourself. It is also our desire to see our graduates make a profound influence in the lives of others as they share their knowledge of Christ and help disciple others.

AN INTELLECTUALLY DISCIPLINED STUDENT WILL:

- Actively research topics and use appropriate resources
- Communicate effectively
- Discern truth through a developed biblical worldview
- Learn independently
- Apply knowledge to reach solutions

In 2 Corinthians 10:5, Paul writes that faithful followers of Christ must be able to demolish the world's arguments by taking every thought captive and making it obedient to Christ. This can only be accomplished if our graduates have journeyed through a rigorous path of intellectual discipline in which their minds were challenged to develop a biblically accurate understanding of truth and knowledge. At the end of this journey, it is our desire to BUILD capable graduates who will always be prepared to share the reason they have hope in a world that has none.

A CULTURALLY ENGAGED STUDENT WILL:

- Approach cultural issues from a Christ honoring, evangelically focused, and biblically faithful perspective
- Engage in acts of service that are best suited to his/her own spiritual gifting and calling
- Uphold a focus of the spiritual, physical, and emotional needs of humanity both locally and worldwide
- Maintain a consistent lifestyle of active citizenship

The Great Commission of Matthew 28:19-20 necessitates cultural engagement. At GCA, it is our belief that evangelism and service must go hand in hand in order to fulfill our role in this process. Therefore, it is our desire to EQUIP GCA graduates to use their knowledge of the gospel, their love of others and their awareness of the world around them in order to evangelize and serve others.

LEAD.BUILD.EQUIP.

GRADING SCALE AND GRADE POINT AVERAGE

Grade	Average	GPA Points	Honors GPA Points	Advanced Placement GPA Points
A	90-100	4.0	4.5	5.0
B	80-89	3.0	3.5	4.0
C	70-79	2.0	2.5	3.0
D	60-69	1.0	1.5	2.0
F	0-59	0	0	0
NC	Excessive Absences	No credit, no grade points, factored into GPA		
P	Pass	Credit, no grade points		
F	Fail	No credit, factored into GPA		

COUNSELING SERVICES



INDIVIDUAL ADVISING

The School Advisors are available to meet with students and families for academic, social, and emotional support. College and Career support is also available and might include discussing post-secondary goals, schedules, or scholarship opportunities.

COLLEGE VISIT DAYS

All juniors and seniors are allowed two college visit days during each semester of their junior or senior year. College visits are counted as excused absences. Students should contact the main office when you plan to use these days. Researching and visiting colleges during junior year is highly encouraged.

TESTING

At Grace Christian Academy, we administer several standardized tests. These tests offer opportunities to prepare students, give insight on possible career interests, and determine future testing strategies as the student applies to college. All GCA students are registered for the PreACT, PSAT, and ACT.

PreACT

GCA Students in 9th and 10th grade take a yearly, summative assessment called the PreACT. The test is linked to ACT College Readiness Benchmarks that prepares students for the capstone college readiness assessment, the ACT. Subject areas include English, math, reading, and science.

For more information go to www.act.org

PSAT NMSQT

The Preliminary SAT, also known as the PSAT/NMSQT® (National Merit Scholarship Qualifying Test), is a preparatory version of the SAT exam. GCA students have the option to take the PSAT in the fall of their junior year. Students earning a high score on the PSAT junior year could qualify to receive a National Merit Scholarship.

For more information go to www.collegeboard.org/psat-nmsqt

ACT

Preparation booklets for the ACT can be picked up in the Guidance Office. All juniors take a mandatory in-school ACT in the Spring (optional for seniors). Any further attempts are the student's responsibility, and it is the student's responsibility to register for the test and to have their scores sent to colleges and universities they are considering. Registration for these tests is done online. Please visit the appropriate sites for registration dates and information. The GCA school code is **431096**. This code is necessary during registration so all scores will be sent to GCA to be placed on the cumulative transcript.

For more information go to www.act.org

CURRICULUM

GCA's curriculum is focused on core courses in Bible, English, Math, Science, World Language, and Social Studies, with a heavy concentration on the writing process, reading comprehension, and vocabulary development. GCA is committed to providing students with a rigorous academic experience that equips them to be life-long learners. In making decisions about advanced curriculum, families are advised to consider multiple factors including a student's academic capacity, extracurricular activities, family and church commitments, and teacher recommendation information.

HONORS COURSES

Honors courses are available to students who meet specific academic requirements. An additional (0.5) grade point is weighted into the student's GPA who has successful completion of the honors course.

ADVANCED PLACEMENT COURSES (AP)

Advanced Placement courses are available to students who meet specific academic requirements. These courses provide students the opportunity to potentially earn college credit while still in High School. AP exams are given in May for all students who have taken AP courses and are **required** for all courses except World Languages. Fees for AP Exams are not included in tuition. An additional (1.0) grade point is weighted into the student's GPA who has successful completion of the AP course.

DUAL ENROLLMENT COURSES (DE)

Dual enrollment is an opportunity for Grace Christian Academy students to enroll concurrently in college courses offered at GCA. Bryan College, Pellissippi State Community College, Roane State Community College and Lincoln Memorial University currently partner with us for these rewarding academic opportunities. An additional (1.0) grade point is weighted into the student's GPA who has successful completion of the DE course. For more information about Dual Enrollment opportunities please contact the GCA Director of College and Career, Mrs. Kalea Derry.

Participation in the DE program is limited to the following guidelines:

- Student must have completed his/her sophomore year
- Administration Approval

BIBLE

Dr. Tony Pointer, Department Chair

BIBLE DEPARTMENT MISSION STATEMENT

Within the cultural and academic environment of an overall Christian education, the Grace Christian Academy Bible Department exists to build in a student a solid Christ-like foundation. This can be accomplished by fostering an atmosphere in which an authentic relationship with Christ and others is cultivated, spiritual curiosity is encouraged, Biblical navigation is practiced, and the Gospel is presented through love, not fear.

BIBLE REQUIREMENTS

4 credits | HS students must take a Bible course every year they are enrolled at GCA.

BIBLE COURSE PROGRESSION

9 th	10 th	11 th	12 th
Bible 9 _____ Old & New Testament Surveys	Bible 10 _____ Biblical Formation, Hermeneutics, Doctrine	Bible 11 _____ Life of Christ	Bible 12 _____ Worldview Formation, Marriage & Family, Comparative Religions

BIBLE COURSE OFFERINGS

BIBLE 9 | OLD AND NEW TESTAMENT SURVEYS

GRADE 9

This course surveys each book of the Bible. Themes covered for each book include: the purposes for writing the book, their themes, their authors, and significant events contained in them. Historical context and cultural influences are emphasized with the goal of making the eternal truths in each book of the Bible applicable to the lives of students today.

BIBLE 10 | BIBLICAL FORMATION, HERMENEUTICS, DOCTRINES

GRADE 10

This course will involve a wide and yet intensive look at the Bible in two separate but important approaches. The first half of the class will deal with an introduction to the overall story of the Bible, the process of how the Scriptures were formed and delivered over time, and how to study and apply the genres of Scripture (Law, History, Wisdom & Poetry, Prophecy, Gospel, Letters). The second half will cover the important doctrines of the Scripture, ranging from the Doctrine of Jesus Christ to the Doctrine of End Times, and including the study of such subjects as the attributes of God, the reality of Satan and the ministry of the Holy Spirit.

BIBLE 11 | THE LIFE OF CHRIST**GRADE 11**

This class is designed to bring the life and ministry of Jesus center stage to the student's understanding of the redemptive narrative of the Bible and their purpose in expanding the Kingdom of God through believing, accepting, and sharing the gospel. The course includes a survey of the four gospels to understand each author, his purpose for writing the book, the recipients, and its unique message.

BIBLE 12 | WORLDVIEW FORMATION, MARRIAGE AND FAMILY, COMPARATIVE RELIGIONS**GRADE 12**

The first half of this course is designed to provide seniors with a comprehensive framework of current issues and trends facing Christians today. Students will examine closely the Scriptural teachings on love, family, and marriage. The second half of the course will include a comparative religions study with a focus on distinguishing the difference in faith and practice of Biblical Christianity and other popular religions in the world today. Incorporated with this section, students will research and defend a major project on a current issue or trend facing Christians today. This class is designed as a capstone to understanding the Bible and implementing Biblical truths to everyday living.

PERSONAL FINANCE

PERSONAL FINANCE MISSION STATEMENT

The goal of the GCA Personal Finance Department is to equip students with the knowledge and skills needed to manage their resources wisely rather than become enslaved to monetary obligations. Beginning to develop healthy habits around money management as a teenager will pay a lifetime of dividends.

PERSONAL FINANCE REQUIREMENTS

1 credit | HS students must take Personal Finance. It is a graduation requirement.

PERSONAL FINANCE

9 th	10 th	11 th	12 th
	Personal Finance	Personal Finance	Personal Finance

PERSONAL FINANCE

GRADES 10-

12

There are more than 2,000 verses dealing with money in the Bible. In fact, eleven of Christ 39 parables deal with money. People can relate to discussions of money because it occupies much of our thoughts and time. Making decisions about money is an important part of life. This course is designed to teach students about investments and the time value of money as well as budgeting, taxes, and insurance. Topics also include banking, credit and debt as well as career opportunities in the field of finance.

ENGLISH

Mrs. Misty Gouge, Department Chair

ENGLISH DEPARTMENT MISSION STATEMENT

Reading, writing, and communication are the pillars of GCA's English department. Rooted in biblical principles, and integrated with research and technology, these pillars equip students with a foundation to express a Christian worldview.

ENGLISH REQUIREMENTS

4 credits required | HS students must take an English course every year they are enrolled at GCA.

ENGLISH COURSE PROGRESSION

9 th	10 th	11 th	12 th
English 9 Honors English 9	English 10 Honors English 10	English 11 *AP Language & Comp *AP Literature & Comp	English 12 *AP Language & Comp *AP Literature & Comp

*AP Language and Composition and AP Literature and Composition are offered in alternating years.

ENGLISH COURSE OFFERINGS

ENGLISH 9

GRADE 9

Students will survey a variety of texts from American and international authors. Texts include art, poetry, short stories, novels, plays, epics, fiction, and non-fiction. Students will engage with texts through classroom discussion, personal reflection, group/individual projects, acting, technology-based activities, creative projects, as well as short and extended writing assignments. Students will also get the opportunity to develop their knowledge of the principles of grammar to gain a stronger foundation for writing. There will be one formal essay assigned for each quarter (4) that must adhere to MLA format studied in class. The class aims to strengthen reading comprehension, increase writing proficiency, foster critical thinking skills, and develop skills necessary for analyzing texts.

HONORS ENGLISH 9

GRADE 9

English 9 Honors students should expect the course to address all the topics and activities listed in the English 9 CP description (above) in a more rigorous approach. This will include self-directed research, analysis through problem solving, and group investigation. In addition, students are required to take part in a portfolio-based independent study on a topic of their choice. The independent study will include independent reading, weekly reflections, research, in and out-of-school presentations, an annotated bibliography, a formal research paper, as well

as a creative component. The independent study will be tailor-made for each student to provide an entertaining, fun and engaging opportunity for this self-directed learning experience.

ENGLISH 10

GRADE 10

The students will primarily focus on major works of world literature. Students will revisit a variety of literary styles covered freshman year, including short stories, novels (both fiction and non-fiction), poetry, mythology, and Greek and Shakespearean tragedy. Material will be covered using a variety of methods, such as personal reflection, classroom discussion, group/individual projects, and both short and extended writing assessments. Students will be expected to build upon the principles of grammar and vocabulary usage to strengthen their writing. Various essays/papers are written throughout the year, including at least one formal research-based composition. A knowledge of MLA formatting is a requirement. Improving reading comprehension, writing proficiency, and critical thinking skills are goals for the class.

HONORS ENGLISH 10

GRADE 10

English 10 Honors students should expect the course to address all the topics listed in the English 10CP description (above) in a more rigorous approach. This will include: self-directed research, analysis through problem solving, and group investigation. In addition, 10 Honors serves as a Pre-AP course designed to help build a foundation of skills needed to enter AP Literature and Composition and AP Language and Composition. Students will encounter AP practices such as rhetorical analysis, argument, synthesis, literary criticism, poetry explication, and critical analysis. There will be a focus on both fiction and non-fiction texts. This course is recommended but not required before taking an AP class in the English department.

PREREQUISITES:

- Successful completion of Honors English 9 or completion of English 9 with "B" or higher
- Teacher/ Guidance Counselor recommendation

ENGLISH 11

GRADE 11

In English 11, students will read a wide assortment of American literature from distinct cultural perspectives and time periods, analyzing the beliefs that shaped America throughout history. Students will have opportunities to engage with these texts in a variety of ways, including frequent class discussions, both short and extended writing assignments, oral presentations, creative projects, and technology-based activities. Students can expect to read one major work of literature each quarter and complete one major independent-study-based research project.

ENGLISH 12

GRADE 12

From the epic hero Beowulf to current social issues, students will trace the development of British literature. Beginning with the Anglo-Saxons and ending in the twenty-first century, students will explore how culture, religions, and industry have shaped our literature, dramas, and poetry. Course activities incorporate reading, research,

technology, and group collaboration to strengthen critical thinking and communication skills.

AP LANGUAGE AND COMPOSITION

GRADES 11-12

The purpose of this course is to help students “write effectively and confidently in their college courses across the curriculum and in their professional and personal lives” (The College Board, AP English Course Description, p. 6). Students develop their skills as close readers of text and adept writers of arguments. This course prepares students to take the AP Language and Composition exam which focuses on the analysis of style, the crafting of arguments, and the synthesizing of sources around an argument.

PREREQUISITES:

- Successful completion of a prior AP or Honors class or completion of CP English class with a “B-” or higher
- Department recommendation

AP LITERATURE AND COMPOSITION

GRADES 11-12

AP Literature and Composition is designed as a college level literature course. Students will analyze world literature selections, considering the author's style, structure, themes, figurative language, imagery, and tone. This course includes a writing component that focuses on expository, analytical, and argumentative writing about literature through both discussion and essay format. The course prepares students to take the AP Literature and Composition exam which is administered each May.

PREREQUISITES:

- Successful completion of a prior AP or Honors English class or completion of CP English class with a “B-” or higher
- Department recommendation

DE COLLEGE WRITING I & II

GRADES 11-12

Dual Enrollment College Writing I & II (ENG 109-110) is offered on campus through Bryan College. The first semester focuses on the development of proficiency in writing through peer editing, revision, and instruction by the teacher. Students will write several essays, learning the skills required for a variety of writing modes. The second semester will allow the student to learn basic elements of critical thinking and application of those elements to living in the contemporary world. Assignments include a major research paper on a controversial topic and a critical analysis of a topic originating in a major work of literature.

PREREQUISITES:

- Bryan College requires a minimum 3.0 GPA

MATHEMATICS

Mrs. Bethany Casebier, Department Chair

MATHEMATICS DEPARTMENT MISSION STATEMENT

The GCA Math Department will guide students to discover the intrinsic beauty of math and to deepen their understanding of God and creation by training them to be problem solvers, encouraging the practical application of math from the abstract to the relevant, and cultivating the skills to communicate math concepts effectively.

MATHEMATICS DEPARTMENT OBJECTIVES

Students will communicate with competency and clarity the ability to...

- Observe patterns and identify the methods necessary to accomplish an objective.
- Apply correctness of procedure and attention to detail.
- Analyze a problem, distinguish and prioritize necessary information, determine the appropriate approach, and recognize errors.
- Use investigative reasoning and strategic thinking to connect skills to real life.

MATHEMATICS REQUIREMENTS

4 credits | Algebra I, Geometry, and Algebra II are required. HS students must take a mathematics course every year they are enrolled at GCA.

MATHEMATICS COURSE PROGRESSION

9 th	10 th	11 th	12 th
Algebra I Geometry Honors Geometry	Geometry Honors Geometry Algebra II Honors Algebra II	Algebra II Honors Algebra II Algebra III Honors Pre-Calculus Statistics	Algebra III Honors Pre-Calculus Statistics AP Calculus

MATHEMATICS COURSE OFFERINGS

ALGEBRA I

GRADES 8-9

Algebra I is intended to build a foundation for all higher math classes. It provides a formal development of the algebraic skills and concepts necessary for students to succeed in college-preparatory classes. This course reviews algebraic expressions, integers, and mathematical properties that will lead into working with variables and linear equations. There will be an in-depth study of graphing, polynomials, exponential functions, quadratic equations, and systems of equations.

PREREQUISITE:

- Proficiency in computational and pre-algebra skills

GEOMETRY

GRADES 9-10

Geometry is the study of the shape, size, and position of objects. It is a course in logic, proof, and measurement. The geometry class challenges students to actively engage in mathematics, explain their thinking, justify their work, use multiple representations, make connections, and use appropriate technology. Students will see how the geometric properties of the world show the intentional design of the God who created it. Topics covered include definitions, postulates, and theorems regarding angles, segments and lines, arcs, congruent triangles, similar triangles, special quadrilaterals, parallel lines, circles, area and volume formulas, transformations, and right triangle trigonometry.

PREREQUISITE:

- Successful completion of Algebra I

HONORS GEOMETRY

GRADES 9-10

This course covers all of the CP Geometry concepts. However, an additional emphasis is placed on constructions and mathematical proofs. Students are expected to analyze more complex geometric figures by applying postulates and theorems.

PREREQUISITES:

- Completion of Honors Algebra 1 or Algebra 1 with a "B-" or higher
- Department recommendation

ALGEBRA II

GRADES 10-11

Building on the foundation established in Algebra I, Algebra II provides an in-depth study of topics such as functions and graphs; systems of equations and inequalities; matrices and determinants; quadratic equations and functions; radical expressions, equations, and graphs; polynomials and polynomial functions; and exponential and logarithmic functions. Students will also be exposed to basic statistics and trigonometry concepts.

PREREQUISITE:

- Successful completion of Geometry or concurrently taking Geometry

HONORS ALGEBRA II

GRADES 10-11

This course covers all the Algebra II concepts. In addition, more theoretical applications as well as additional word problems are required. Additional homework is assigned, and testing is more rigorous. This course is a prerequisite for Honors Pre-Calculus.

PREREQUISITES:

- Completion of Geometry with a "B-" or higher or concurrently taking Geometry
- Department recommendation

ALGEBRA III/TRIGONOMETRY

GRADES 11-12

Algebra III/Trigonometry is open to students who have a credit in Algebra II but seek additional reinforcement appropriate for college placement testing and workplace readiness. The purpose of this course is to reinforce the students' knowledge from Algebra II (including quadratic functions, rational expressions and functions, and exponential functions), introduce probability and statistics, and include concepts and applications from trigonometry. Problems based on real world data will be completed with the use of a graphing calculator to enhance the understanding of key concepts. Various approaches (graphic, algebraic, numeric, and verbal) will be used to solve problems. This course may not be taken after Pre-Calculus

PREREQUISITES:

- Successful completion of Algebra II
- Department Recommendation

STATISTICS

GRADES 11-12

12 Statistics is a process of mathematical reasoning with a goal to help us understand our world. We are presented with "stats" every day—in commercials, in newspapers, relating to sports teams, etc. In Statistics we analyze data, discuss why specific methods were chosen to represent the data, and evaluate what we can learn from the data. Through the research of topics and hands-on activities, we will learn the importance of being knowledgeable consumers of goods and data, allowing us to be good stewards of what God has given us.

PREREQUISITE:

- Successful completion of Geometry and Algebra II

HONORS PRE-CALCULUS

GRADES 11-12

Honors Pre-Calculus is the preparation for calculus and other college level courses. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Pre-Calculus deepens the students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

PREREQUISITES:

- Completion of Honors Algebra II with a "C-" or higher
- Department recommendation

AP CALCULUS

GRADE 12

AP Calculus is for the elite math student likely preparing for a technical or scientific field. It is a rigorous course for diligent students with above-average ability. AP Calculus is challenging and takes supreme effort and tenacity to truly understand its mysteries, but together we can successfully discover the true power and beauty of calculus to see how our world works. This is a comprehensive year-long course in the study of both differential and integral calculus and is intended to be the equivalent of a college level Calculus I course. Students will be studying the ideas of functions, graphs, limits, derivatives, and integrals as outlined in the AP Calculus Course description (as it appears on the AP Central website).

PREREQUISITES:

- Completion of Pre-Calculus with a "B-" or higher
- Department recommendation

SCIENCE

Dr. Peni Hirt, Department Chair

SCIENCE DEPARTMENT MISSION STATEMENT

The GCA Science Department serves to engage students in the process of science and to develop critical thinkers who can analyze data through the lens of scripture and apply scientific principles to benefit society.

SCIENCE DEPARTMENT BROADER THINKING SKILLS

- Evaluate the validity of Scientific Claims
- Engage in Appropriate 2-way Scientific Communication
- Engage in Proper Laboratory Technique

SCIENCE DEPARTMENT GOALS

Recognize the Nature of Science including:

- 1) Evaluate the Biblical basis of scientific claims
- 2) Analyze the progressive nature of the scientific process which continuously revises and builds on what is accepted
- 3) Apply scientific information to benefit society
- 4) Correlate the form or parts of a substance with its function
- 5) Synthesize information from various scientific fields

Engage in Appropriate 2-way Communication including:

- 1) Synthesize and communicate the details of scientific processes
- 2) Create and use models
- 3) Analyze scientific information
- 4) Create and interpret graphs

- 5) Successfully follow written and oral instructions
- 6) Engage in appropriate scientific collaboration

Use appropriate laboratory technique including:

- 1) Design a scientific experiment
- 2) Formulate a testable hypothesis
- 3) Model safe lab practice
- 4) Identify sources of error
- 5) Perform accurate measurements
- 6) Evaluate experimental results

SCIENCE REQUIREMENTS

3 credits | Biology and Chemistry are required.

SCIENCE COURSE PROGRESSION

9 th	10 th	11 th	12 th
Biology Honors Biology	Chemistry Honors Chemistry Anatomy & Physiology Honors Anatomy	Chemistry Honors Chemistry Anatomy & Physiology Honors Anatomy Honors Physics *AP Biology *AP Chemistry	Chemistry Honors Chemistry Anatomy & Physiology Honors Anatomy Honors Physics *AP Biology *AP Chemistry **DE Env Science ***Gross Anatomy

* AP Language & AP Literature and AP Biology & AP Chemistry are offered on a rotating basis (every other year).

** Dual Enrollment (DE) courses are online through Bryan College, Roane State Community College, and Pellissippi State Community College but the courses are hosted on the GCA campus.

*** Hybrid course taken in conjunction with Lincoln Memorial University; instruction will be taken on the GCA campus with Friday labs at LMU.

SCIENCE COURSE OFFERINGS

BIOLOGY

GRADE 9

Biology is the study of simple and intricate living organisms created by God. We will explore life from the microscopic level to the beautiful planet Earth and everywhere in between, including the processes and reactions used to maintain life, and how living things coexist and impact one another. Biology topics include biochemistry, the complex inner and outer workings of cells, photosynthesis, cellular respiration, biotechnology, heredity, genetics, ecology, and evolution. This invaluable lab-based class is designed to create a solid foundation of science processing skills including formulating hypotheses, experimental design, and collecting and analyzing data. Students should leave Biology with a better understanding and appreciation of life in and around them.

HONORS BIOLOGY

GRADE 9

Come along for this challenging survey of life science from the atom to the diversity of organisms in the biosphere. Explore the interrelationships of living organisms and the environment designed by our Creator within an experimental-based approach. Beyond participating in all topics and activities listed in the Biology CP description, students will engage in rigorous self-directed study and research, this approach will enhance student comprehension and appreciation of independent, and team problem-solving class activities. Students will be required to formulate synopses of supplemental reading, presentations, and at least one self-led experimental project with a lab report.

PREREQUISITE:

- "B" or higher in 8th grade Science, Math, and English

CHEMISTRY

GRADES 10-12

In Chemistry students will investigate the composition of matter and the physical and chemical changes it undergoes. Students study the fundamental structure of atoms, the way atoms combine to form compounds, and the interactions between matter and energy.

PREREQUISITES:

- Recommend successful completion or concurrently taking Algebra II
- Current Geometry students may take, but will be required to work harder

HONORS CHEMISTRY

GRADES 10-12

Honors Chemistry is a laboratory course that is recommended for students with strong aptitude for both math and science. Students will develop laboratory skills as they study classification and structure of matter, physical and chemical changes, ratios of chemicals in reactions, acid-base chemistry, kinetics, equilibrium, thermodynamics, electrochemistry, nuclear chemistry, and organic chemistry.

PREREQUISITE:

- Successful completion of Algebra I with a "B-" or higher

ANATOMY & PHYSIOLOGY

GRADES 10-12

A&P is the study of body structures and how they function. As a laboratory-based class, we will use a wide-variety of learning strategies including cooperative learning, concept modeling, dissections, and experimentation to study each body system. The human body is an amazing, intricate machine designed by our creator for our use on earth. We all benefit from understanding it better. Knowledge of A&P is the basis for many diverse fields such as sports training, pharmaceuticals, criminal investigation, and design engineering.

PREREQUISITE:

- Successful completion of Biology

HONORS ANATOMY & PHYSIOLOGY

GRADES 11-12

Honors A&P is an intensive study of the structures and function of the human body including the following systems: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, respiratory, digestive, urinary, immune, and reproductive systems. This laboratory-based course is designed for upperclassmen who are considering a career in the health sciences or

engineering. It is a faster-paced course than CP A&P and has a greater emphasis on understanding diseases and malfunctions of body systems in addition to normal A&P.

PREREQUISITES:

- Successful completion of Biology and Chemistry

AP BIOLOGY

GRADES 11-12

AP Bio is a rigorous, introductory college science course that helps students build the conceptual framework and analytical skill set necessary to engage in scientific discourse and investigation. This course includes a survey of life from microscopic organelles in cells to the macroscopic interactions of ecosystems that make up the biome. Topics include biochemistry, plants, anatomy & physiology, genetics evolution, and ecology. A variety of instructional methods will be used throughout the course including building models, lab investigations, and collaborative projects. The goal of this class is to assist students in preparing for the AP Biology exam.

PREREQUISITES:

- Successful completion of Biology
- Recommend successful completion of Chemistry

AP CHEMISTRY

GRADES 11-12

AP Chemistry, according to the College Board, "is designed to be the equivalent of the general chemistry course usually taken during the first college year." Students will study chemical bonding, nuclear chemistry, equilibrium, thermodynamics, acid-base chemistry, electrochemistry, organic chemistry, chemical reactions, and laboratory skills. This course is recommended for students considering science, medicine, or engineering as a career.

PREREQUISITES:

- Successful completion of Chemistry
- Recommend completion of Algebra II with a "B-" or higher

HONORS PHYSICS

GRADES 11-12

Physics is a laboratory course that is recommended for students with a strong aptitude for math. Physics is the study of energy. The first half of the course involves the study of motions and forces. The second half of the course covers heat, light, sound, electricity, and nuclear energy. In this course students will study how and why actions occur. Inquisitive students will enjoy this course.

PREREQUISITES:

- Recommend successful completion of Chemistry
- Successful completion of Algebra I and Algebra II with a "B-" or higher

DE ENVIRONMENTAL SCIENCE

GRADES 11-

12

Dual Enrollment Environmental Science (Bio 115) is

offered on campus through Bryan College. This is a general education course introducing students to biological and social issues affecting the environment. Topics include energy resources, land conservation, ecosystem diversity and sustainability, soil, water and air quality management, climate change and environmental policy. A diversity of social, political, religious, and scientific viewpoints on environmental issues will be presented. Of special emphasis will be a Christian perspective on responsible stewardship of the earth and its resources.

PREREQUISITES:

- Successful completion of Biology
- Recommend successful completion of Chemistry
- Bryan College requires a minimum 3.0 GPA

DE GROSS ANATOMY

GRADES

12

Dual Enrollment Gross Anatomy (BIOL 115) is offered through Lincoln Memorial University. Students will learn the gross anatomy of the following systems: skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive. The lab component of the course parallels and reinforces lecture components through the use of prosected cadavers. On-live lectures will be viewed in class at GCA; students will attend one 2-hour lab per week at LMU DCOM Medical School.

PREREQUISITES:

- Successful completion of Anatomy and Physiology
- Acceptance to LMU
- This course is by recommendation only

SOCIAL STUDIES

Ms. Beth Anderson, Department Chair

SOCIAL STUDIES DEPARTMENT MISSION STATEMENT

We, the Social Studies Department of Grace Christian Academy, serve to promote and expand civic knowledge and awareness by teaching our students to think critically about the forces, events, and residual issues that continue to shape the world. By analyzing and interpreting primary and secondary sources as useful evidence and by viewing global issues with the Bible as a filter, students will be enabled to communicate as responsible citizens who will strengthen families, churches, and ultimately, our community, country, and world.

SOCIAL STUDIES HISTORICAL THINKING SKILLS

- Express themselves effectively through written and verbal communication
- Determine the validity of informational sources
- Identify key points from sources of information
- Develop a Biblical Worldview of historical, political, and economic societies
- Interpret information geographically
- Ask and answer valid questions
- Correlate historical events to chronological sequence

SOCIAL STUDIES HISTORICAL THEMES

- Culture
- Time, Continuity, and Change
- People, Places, and Environment
- Individual Development and Identity
- Individuals, Groups, and Institutions
- Power, Authority, and Governance
- Production, Distribution, and Consumption
- Science, Technology, and Society
- Global Connections
- Civic Ideals and Practices

SOCIAL STUDIES REQUIREMENTS

3 credits | World History or equivalent, US History, and Government & Economics are required.

SOCIAL STUDIES COURSE PROGRESSION

9 th	10 th	11 th	12 th
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World History & Geo U.S. History Honors U.S. History	U.S. History Honors U.S. History AP U.S. History World History & Geo AP European History	Government/Economics U.S. History Honors U.S. History AP U.S. History AP European History	Government/Economics AP European History
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SOCIAL STUDIES COURSE OFFERINGS

WORLD HISTORY AND GEOGRAPHY

GRADES 9-10

This course begins with the Creation of mankind and ends with current world history. The course follows how the Gospel has survived the rise and fall of many civilizations such as the Egyptian, Greek, Roman, Byzantine, and eventually made its way to the United States of America. A study of the persecution of Christians throughout history will be explored and the many examples our Christian forefathers set for us to follow will be examined.

U.S. HISTORY

GRADES 10-12

This course begins with the exploration and colonization of America and continues through the process through which America became a world power. The second half of the course will examine the twentieth century and the role of America in world events to the present day. Students will master the major people and events that have shaped America into the nation it is today.

HONORS U.S. HISTORY

GRADES 10-

11

This course will proceed through the entire course of US History, from its founding through the modern era, at a more in-depth level. Students will not only gain content knowledge of American domestic and foreign policy through the years, but also practice discussing long-term trends, analyzing primary sources documents, and hone their writing skills as the year progresses.

GOVERNMENT

GRADES 11-12

In Government class, students will learn why we value freedom, the roots of the freedom in Judeo-Christian heritage, and the protection of freedoms in the Constitution. The students will learn how we inherited some of our ideas about government, as well as the great patriot thinkers God used to design the unique system of government we enjoy in the United States today. Students will participate in a thorough study of all the articles and amendments of the Constitution and learn to appreciate its relevance in today's changing world.

ECONOMICS

GRADES 11-12

In Economics class, students will learn how and why people, businesses, and governments make the choices they make. The course begins with a Biblical approach to money and wealth and then moves on to study of the major economic systems in the world today. The students learn the laws of supply and demand and the function of price in the free market. They also study the current economic model of the United States and how our monetary system functions. Economics is a great course that teaches why individuals do what they do with their money and resources.

AP U.S. HISTORY

GRADES 10-12

Want to dig a little deeper and have the chance to earn college credit? This course covers the entire scope of United States history, from its founding through the modern day. AP History emphasizes deep content knowledge, source analysis, and writing skills. The class culminates with the AP exam, in which high scores can earn college credit.

AP EUROPEAN HISTORY

GRADES 10-12

This study of modern European History from the Renaissance to the present, is an in-depth course covering kings and queens, wars, culture, and more. Skills such as primary source analysis and synthesis as well as historical writing are emphasized. The class culminates with the AP exam, in which high scores can earn college credit.

SOCIAL STUDIES ELECTIVES

APPALACHIAN HERITAGE

GRADES 9-12

Tell me about where you're from. We leave High School without ever learning much about where we live. This class is designed to inform you about the story of your homeplace – the foothills of Appalachia. We will study about the settlement of this region by the Indians and the Europeans. We will research the challenge of the mountain terrain and the beauty of the Appalachian Trail. In addition to learning more about Appalachian history, we will also experience local culture – the music, art, traditions, and foods of Appalachia. This class will include plenty of “hands-on” learning opportunities.

20TH CENTURY WORLD HISTORY

GRADES 10-12

This course will examine the events, movements, and people who have shaped modern history from 1900 to the present. It will go beyond just events in the United States and Europe to cover all the continents and get a full picture of events from the past century that have shaped the current world, such as the rise of modern China, Middle East conflicts, and struggles in Latin America and Africa. General topics will include political power, military conflicts, human rights, the growth of technology, and cultural movements and changes.

WORLD LANGUAGES

Mrs. Deidre Randles, Department Chair

WORLD LANGUAGES DEPARTMENT MISSION STATEMENT

The GCA Foreign Language Department desires for GCA students to communicate effectively in the target language in order to function in a variety of situations and for multiple purposes, the most important of which is honoring God; to develop insight into their native language; and to make comparisons between their native language and culture and the target language and culture in order to interact at home and abroad with cultural and linguistic competence.

WORLD LANGUAGES REQUIREMENTS

2 credits | Students must earn two credits in the same language.

WORLD LANGUAGES COURSE PROGRESSION

9 th	10 th	11 th	12 th
German I Spanish I	German I German II Spanish I Spanish II Honors Spanish III	German II Honors German III Spanish II Honors Spanish III AP Spanish IV	Honors German III AP German IV Honors Spanish III AP Spanish IV AP Spanish V

WORLD LANGUAGES COURSE OFFERINGS

GERMAN I

GRADES 9-10

This is an introductory course. We will lay the foundation of German grammar and vocabulary while exploring German everyday life and culture through topics such as family, school, sports, and leisure time activities. Interpersonal, informal, written, and oral communication is the focus.

GERMAN II

GRADES 9-11

We will finish the foundation of German grammar and vocabulary while further exploring German everyday life and culture through topics such as travel, camping, visiting the doctor, choosing a career, and communicating via mail and internet. Interpersonal formal and informal, written, and oral communication is the focus, giving students the ability to interact in a German-speaking country.

PREREQUISITE:

- Successful completion of German I

HONORS GERMAN III

GRADES 10-12

This is an intermediate course designed to refine grammar as well as add the grammar and vocabulary necessary for the AP level, if students desire to pursue it. Students will explore themes related to everyday life and culture, as well as become more proficient in informal and formal modes of oral and written communication.

PREREQUISITE:

- Successful completion of German II

AP GERMAN IV

GRADE 11-12

This is a two-year course (one-year only is an option) which prepares students for the AP German Language and Culture Exam and/or a university world language placement exam. Students will advance in vocabulary and refine and review grammar. We will cover many types of communication from classroom discussions to speeches to group skits. We will cover a variety of topics, such as poetry, short stories, and German legends and fairy tales. This is an excellent way to prepare for college-level foreign language (or even test out of college foreign language).

PREREQUISITE:

- Completion of German III with a "B-" or higher

SPANISH I

GRADES 9-10

This class introduces the Spanish language through the development of listening, speaking, reading, and writing skills. Students will acquire a vocabulary base and an understanding of basic grammar. This class also examines the cultures of Spanish-speaking people throughout the world. Instruction is supplemented with creative dialogue, role play, online vocabulary, and grammar activities.

SPANISH II

GRADES 9-11

Spanish II furthers the knowledge of students' language skills through review of the fundamentals of Spanish grammar structure. Emphasis is placed on listening comprehension and oral and written expression. Instruction is supplemented with creative dialogue, inter-relational activities, and online activities from various educational websites. The goal for this class is to gain basic competency and to develop a skill that can be used for life.

PREREQUISITE:

- Completion of Spanish I

HONORS SPANISH III

GRADES 10-12

This is an intermediate course designed to refine grammar as well as add the grammar and vocabulary necessary for the AP level, if students desire to pursue it. Students will explore themes related to everyday life and culture, as well as become more proficient in informal and formal modes of oral and written communication.

PREREQUISITE:

- Successful completion of Spanish II

AP SPANISH IV & V

GRADES 11-12

This is a two-year course (one-year only is an option) which prepares students for the AP Spanish Language and Culture Exam and/or a university world language placement exam. Emphasis is placed on improving language skills through literature, poetry, music, and news. Classroom instruction is supplemented with creative conversation, role play, developing increased fluency, and using online vocabulary and grammar applications from various Spanish language websites.

PREREQUISITE:

- Successful completion of Spanish III with a "B-" or higher

PHYSICAL EDUCATION

PHYSICAL EDUCATION REQUIREMENTS

1 credit

PHYSICAL EDUCATION COURSE PROGRESSION

9 th	10 th	11 th	12 th
P.E. / Health (1 credit) OR P.E. – Sport (0.5 credit) & Health (0.5 credit)	P.E. / Health (1 credit) OR P.E. – Sport (0.5 credit) & Health (0.5 credit)		

PHYSICAL EDUCATION COURSE OFFERINGS

PHYSICAL EDUCATION / HEALTH

GRADES 9-10

Students will explore the effect of healthy behaviors on an individual's quality of life. The goal of this course is to assist students in understanding that health is a lifetime commitment. A variety of instructional modalities are used to further develop their health literacy and desire to maintain a lifestyle that reflects that of a strong, young Christian.

The Physical Education portion emphasizes a personal commitment to lifetime activity and fitness for enjoyment, challenge, self-expression, social interaction, and a means by which to care for bodies as temples. This course provides students with opportunities to achieve and maintain a health-enhancing level of physical fitness and increases their knowledge of fitness concepts and how they are supported by Scripture. The different movement forms will include health-related fitness activities (cardio-respiratory endurance, muscular strength and endurance, flexibility, and body composition), and aerobic exercise. Ongoing assessment includes both written and performance-based skill evaluations.

PHYSICAL EDUCATION – SPORT / HEALTH

GRADES 9-10

Beginning with the class of 2022, High School students may satisfy their PE requirement by participating in at least one GCA sport during 9th – 12th grades. Students are expected to complete an entire season. Injury-shortened seasons will be referred to High School administration for consideration. The Health credit will be fulfilled through an on-campus course or an online independent study program offered by GCA. The online option is for students in grades 10-12 and has a \$59.00 course fee.

FINE ARTS

Mrs. Melissa Porier, Department Chair

FINE ARTS DEPARTMENT MISSION STATEMENT

Grace Christian Academy is passionate about arts education. The Fine Arts Department of Grace Christian Academy exists with the sole purpose to assist students in developing their God-given talents through the arts in order to glorify God, edify the Church, and to reach out to our community and beyond with a call to share the blessings of a life lived for Christ. We believe that every student who attends our school should have a chance to develop their artistic talents. We encourage creativity and collaboration and will continue to offer opportunities for our students to grow and develop their artistic interests. Studies have shown that students develop into more complete, compassionate, and confident people when they have an education that is inclusive of the fine and performing arts. Our goal is to help students realize their capabilities not their limitations.

FINE ARTS REQUIREMENTS

4 credits | Beginning with the Class of 2024, GCA students will be required to earn 3 elective credits for graduation, including 1 credit of Fine Arts.

Art courses may be taken each year.



FINE ARTS COURSE PROGRESSION

9 th	10 th	11 th	12 th
Art Foundations	Art Foundations Advanced Art	Art Foundations Advanced Art Graphic Design Honors Studio Art AP 2-D Art & Design	Art Foundations Advanced Art Graphic Design Honors Studio Art AP 2-D Art & Design
Advanced Band Drumline & Percussion Color Guard Ensemble Worship Arts Drama Musical Theatre	Advanced Band Drumline & Percussion Color Guard Ensemble Worship Arts Drama Musical Theatre	Advanced Band Drumline & Percussion Color Guard Ensemble Worship Arts Drama Musical Theatre	Advanced Band Drumline & Percussion Color Guard Ensemble Worship Arts Drama Musical Theatre

VISUAL ARTS COURSE OFFERINGS

ART FOUNDATIONS

GRADES 9-12

This course is designed to give students the opportunity to sample a wide range of art disciplines. Students will explore their God-given creativity through various art forms, such as drawing, painting, sculpture, pottery, printmaking, photography, and digital arts. They will learn to use the elements and principles of design when creating and talking about art. Students will study art history and become familiar with art movements and famous artists. Students will enter art shows, competitions, and their artwork will be displayed at the GCA Celebration of the Arts.

ADVANCED ART

GRADES 10-12

In this course, students continue developing their artistic skills in drawing, painting, pottery, sculpture, printmaking, collage, and mixed media. Advanced Art builds on what students learned in Art Foundations and continues the development of artistic voice. Students will continue to study art history and become familiar with new artists. Students will enter art shows; competitions and their artwork will be displayed at the GCA Night of the Arts.

PREREQUISITE:

- Successful completion of Art Foundations

GRAPHIC DESIGN

GRADES 11-12

In this course, students further develop their artistic skills through graphic design media. Students will continue to study art history and become familiar with new Graphic Designers as well as a focus on professional skill building. Students will create site-specific works for GCA Night of the Arts and their artwork will be displayed at the GCA Night of the Arts.

PREREQUISITE:

- Successful completion of Art Foundations and Advanced Art

HONORS STUDIO ART

GRADES 11-12

Honors Studio Art is designed for students who are seriously interested in the study of art, wish to develop mastery in concept, composition, and execution of their ideas. Students will explore a variety of art mediums and techniques during teacher directed art projects but also create a series of art that expresses their own ideas and interests. Students will enter art shows; competitions and their artwork will be displayed at the GCA Night of the Arts.

PREREQUISITES:

- Successful completion of Art Foundations and Advanced Art
- Portfolio Review

AP 2-D Art & Design

GRADES 11-12

AP is designed for students who are willing to accept the challenge of a rigorous course, are seriously interested in the study of art, and wish to develop mastery in concept, composition and execution of their ideas. The mediums explored in this course include digital imaging, photography, collage, fabric design, weaving, fashion design, illustration, painting and printmaking. Upon completion of the course, students can qualify for college credit depending on the score earned on their AP Art portfolio. Students will enter art shows and competitions. Their artwork will be displayed at the GCA Night of the Arts.

PREREQUISITES:

- Successful completion of Art Foundations
- Successful completion of Advanced Art, 3D Art, or Honors Studio Art

PERFORMING ARTS COURSE OFFERINGS

*Performing Arts courses may be taken each year.

DRUMLINE/PERCUSSION 101

GRADES 9-12

This performing group is open to students in 9th – 12th grade. The class begins with an emphasis on learning drumline routines and pep band charts and then progresses to learning a wide variety of musical styles from the blue man group to traditional percussion ensemble music. This group will perform with the *Intermediate* and *Advanced Bands* on campus for ball games, chapels, student assemblies, and concerts as well as off campus for community organizations, theme parks, and music festivals.

COLOR GUARD

GRADES 9-12

During Color Guard class, the performance-based ensemble will learn and perfect fundamentals of body movement and equipment manipulation through choreographed routines and drill design. Students will develop important skills such as communication, collaboration, and leadership. This class will help students foster their creativity and develop a worship mindset for performing arts.

ADVANCED BAND

GRADES 9-12

This performing group is open to students in 9th – 12th grade and may be taken one or both semesters. The first semester is dedicated to learning Pep Band charts and Christmas program music. The second semester is dedicated to a wide range of styles from traditional concert band to big band jazz and is performed in conjunction with our Percussion Ensemble. This group will perform with the *Intermediate* and *Advanced Bands* on campus for ball games, chapels, student assemblies, and concerts as well as off campus for community organizations, theme parks, and music festivals.

PREREQUISITE:

- Minimum of 3 years band experience or audition demonstrating the appropriate skill level

ENSEMBLE

GRADES 9-12

The choir class is offered as a four-year High School program and earns students one fine arts credit per year. Choir is an auditioned group of 60-70 students for grades 9-12 that creates both a ministry team and a competitive choir. The choir studies and performs a varied repertoire of music including spirituals, collegiate pieces, Broadway selections, patriotic, and contemporary praise. They perform and lead worship several times throughout the school year at GCA and throughout the Knoxville community. The choir also tours during the spring semester. Past tour opportunities have included Georgia, Washington DC, Disney World's Magic Kingdom, Chicago, San Diego, and the Festival of Gold in Carnegie Hall in New York. The choir has a tradition of

performing and scoring superiors in Heritage International Choral Competitions. *Auditions for the group are held every spring.*

This class meets from 7:10-8:00 am daily.

PREREQUISITE:

- Audition Is required

WORSHIP ARTS

GRADES 9-12

The Worship Arts class is offered as a four-year High School program. Worship Arts is designed to equip students to better serve in the ministry of Grace Christian Academy as skilled and passionate worship leaders. Students will work to develop knowledge and expertise to function in a variety of worship and contexts within the evangelical community. Students will receive comprehensive training in choosing music that is relevant to their peers and glorifies God, while honing their talents as public speakers, instrumentalists, vocalists, script writers, actors, directors, along with technical skills such as lighting, audio, pro presenter, camera, video production, learning to choose relevant speakers and groups to speak in chapel services.

PREREQUISITE :

- Application is required

DRAMA

GRADES 9-12

"To be or not to be..." Any student interested in acting may take this class. Each year, students will perform a play and create and perform an original script for one chapel service. In this class, emphasis will be placed on improvisation, characterization, and acting skills. This class may be taken all four years of High School. Students in drama class will also assist in building sets and creating props. Plays that have been performed in past years include the following: Peter Pan, The Lion, the Witch, and the Wardrobe, the Legend of Sleepy Hollow, Little Women, Our Town, and many more. Students in this class are also encouraged to audition for the ACE Awards competition.

MUSICAL THEATRE

GRADES 9-12

"There's no business like show business..." Musical theater is an *auditioned* class that performs a Broadway musical each year. Students will enhance their skills in acting, singing, and choreography. Professional costumes, sets, and lighting are used for each production. This class may be taken all four years of High School. Past musicals include Beauty and the Beast, Cinderella, Willy Wonka, HSM, The Wizard of Oz, Chitty Chitty Bang Bang, Seven Brides for Seven Brothers, and The Sound of Music. Students in this class are also encouraged to audition for the ACE Awards competition.

PREREQUISITE:

- Audition is required

COMPUTER SCIENCE

COMPUTER SCIENCE MISSION STATEMENT

Following the development of our digital culture, Computer Science has transitioned from a niche elective class to a core subject for 21st century students. The GCA Computer Science Department functions to help students develop into good digital citizens as well as competent users and producers of technological applications. Through the study of computer science, this department seeks to promote students' problem solving, collaboration, synthesis, and communication skills.

COMPUTER SCIENCE REQUIREMENTS

1 credit

COMPUTER SCIENCE COURSE PROGRESSION

9 th	10 th	11 th	12 th
Comp Sci Principles AP Comp Sci Principles	Comp Sci Principles AP Comp Sci Principles	Comp Sci Principles AP Comp Sci Principles	Comp Sci Principles AP Comp Sci Principles

COMPUTER SCIENCE COURSE OFFERINGS

COMPUTER SCIENCE PRINCIPLES

GRADES 9-12

From business to industry, medicine to engineering, a basic understanding of computer science concepts and technology is required for most careers. This computer science course helps students understand how computing and technology influence the world around them. Students will learn the basics of the JavaScript programming language. They will engage in computational thinking to apply digital information tools to solve real-world problems. The class will also emphasize the importance of being a good digital citizen.

AP COMPUTER SCIENCE PRINCIPLES

GRADES 10-12

AP Computer Science Principles (AP CSP) allows students to creatively address real-world issues while using the same tools and processes that artists, writers, computer scientists, and engineers use to bring ideas to life. The concepts covered in this course include algorithms, abstraction, problem solving, working with data, understanding the Internet, cybersecurity, and programming. Students will demonstrate their understanding by designing an app in the Create Performance Task and taking the AP CSP national exam in May.

PREREQUISITES:

- Successful completion of Algebra 1
- Department recommendation

ADDITIONAL COURSE OFFERINGS

ELECTIVE REQUIREMENTS

3-4 credits | Beginning with the class of 2024, GCA students will be required to earn 3 elective credits for graduation, including 1 credit of Fine Arts.
Courses taken beyond the required number in each area of study count toward elective credits.

ELECTIVE COURSE PROGRESSION

9 th	10 th	11 th	12 th
Appalachian Heritage Yearbook/Digital Media Study Hall (no credit)	20 th Century History Appalachian Heritage Yearbook/Digital Media	20 th Century History Appalachian Heritage Med Careers Sports Mgmt Yearbook/Digital Media	20 th Century History Appalachian Heritage Med Careers Sports Mgmt Yearbook/Digital Media



GCA ELECTIVE COURSE OFFERINGS

20th Century History I See Social Studies Electives

Appalachian Heritage I See Social Studies Electives

MEDICAL CAREERS

GRADES 11-12

Medical Careers is an elective for rising Juniors and Seniors who have an interest in health sciences and gaining more knowledge and skills. The purpose of this course is three-fold: first, to educate students about the many careers in the medical field, second, to provide them with access to a wealth of information in the state of Tennessee through UT's Center for Career Development and Exploration and resourcing through Exploring, and third, the students will gain 5 certifications in First Aid and CPR during the year with the American Red Cross. Students will also be provided with information about opportunities to gain practical experience through observation and volunteering at local media offices, hospitals, and treatment centers.

- Students will pay \$27 for their Responding to Emergencies Certification.

SPORT MANAGEMENT

GRADES 11-12

Sport Management is an elective course designed to give students an overview of sport management and leadership concepts and practice. The course will help prepare students for collegiate degrees and courses in the field of sport management, management, and business. Topics may include, but not limited to, the history of sport management, youth sport and recreation, the relevance and practice of managerial and leadership concepts within sport, typical settings and opportunities for sport leaders, and discussion of sport management education and research. Along with traditional class learning methods, students will gain real world experience by partnering with a sport organization in a voluntary role.

YEARBOOK/DIGITAL MEDIA

GRADES 9-12

Students learn the principles of producing a yearbook. Students will learn basic digital photography, photojournalism, advertising, interviewing, graphic design, technology and writing skills. They will learn time management, team building and problem solving. Editor positions are available to students who take advanced yearbook classes and exhibit leadership qualities and organizational skills.

ADDITIONAL GRADUATION REQUIREMENTS

SENIOR CAPSTONE

As a graduation requirement, all seniors will successfully complete a capstone course that serves as GCA's culminating educational experience. The project encompasses written components and an oral defense that demonstrates the student's understanding of a controversial topic when applied against a biblical worldview. The Capstone Director and Capstone Committee will guide students through the process of planning, refining, and defending their chosen topic.

WINTERIM

Winterim, an educational distinctive of Grace Christian Academy, takes students beyond traditional classroom study into unique learning experiences. For one week in March, High School students participate in hands-on learning activities not generally available within the school curriculum. Options include domestic and international travel, missional opportunities, on campus courses, and internship placements for upperclassmen. Students receive a partial credit for successfully completing Winterim.

CULTURAL ENGAGEMENT

In an effort to promote and encourage cultural literacy, Grace Christian Academy expects each High School student to enjoy two fine arts' experiences as a non-participant outside of regular school hours during the academic year. This requirement is PASS/FAIL and will be noted on a student's report card.

MISSION ENGAGEMENT

As part of the Mission Engagement Development Process, High School students at Grace Christian Academy will be participating in meaningful mission experiences and service to others. Students will be encouraged and expected to reach out to the needs of their fellow students, churches, local nonprofit agencies, and people across the world.

The goal of the Mission Engagement requirement is to engage students both academically and spiritually as they seek to glorify God through service to Him. Through these experiences, students will develop skills in planning, research, communications, service, and leadership. It is the hope that their work, combined with their personal experiences in ministry, will serve to enlighten their minds and inflame their hearts, that they might ultimately be transformed into both lifelong learners and servants of Christ.

