



YOUNG AMERICANS CHRISTIAN SCHOOL

Welcome You to 12th Grade

Senior classes will be structured to help make the transition from high school to college go more smoothly. There should be an increased initiative on the part of the student to communicate with teachers, as well as a personal responsibility to keep up with assignments and projects. Community Service BEAT program – all high school students must complete 8 hours of service during the school year. These hours must be served in the community or church, NOT in school, family, or foreign missions. Service hour (BEAT) forms can be found on the yacs.us website under Parents tab. Both sides of the form will need to be completed and turned in to Homeroom teachers in early May.

Most students will make an application to the college of their choice by October 15. There is a **\$100 graduation fee due by January 25, 2024**. **The date for Graduation will be on Friday, May 17, 2024**. Graduation will take place at Glen Haven Baptist Church, 345 East Lake Road, McDonough, GA, 30252.

Selected 12th grade students will be participating in a mission trip during Trip Week, March 18-22. Financial details will be given directly to the team. Other seniors will have the opportunity to participate in an 11th/12th Class Trip during that same week. This group will experience a 3-day/2-night tour of the Creation Museum in Cincinnati, the Ark Encounter in Kentucky, and Mammoth Cave also in Kentucky. The cost of this trip, based on 35 paying persons, is \$559 per person, including a non-refundable \$150 deposit due August 15. The balance will be broken down into monthly payments. Please look for more details on the payment and registration process to be emailed at a later date.

The Manatee trip in February is open to all seniors and will depend on the number of interested students. Students will go to the Marine Science Station, located on the Salt River in Crystal River, Florida, where they will stay in dorms and be fed delicious meals by the staff that run the facility. The trip includes day trips to Homosassa Springs State Park and a snorkeling trip in the Crystal River to observe manatee and other wildlife on an up-close and personal level. This is not only a wonderful wildlife experience, but also a bonding time, as the facility is a camp-style setup, which allows time for students to play games, fish, and just hangout with one another. There are also nightly devotions and

singing that brings the group together for worship and bonding. It is a favorite, and something the seniors look forward to every year! Approximate cost: \$300 per person.

Classes in 12th grade include British Literature (depending on numbers) or Dual EnrollmentCollege English/Composition; two of the following: Public Health, Marine Biology Forensics, and Anatomy; Dual Enrollment College Algebra and Dual Enrollment Statistics, AP Calculus, or College Readiness in Mathematics (depending on numbers); Bible; Senior Seminar; Economics or Dual Enrollment Macro-Economics; Civics or Dual Enrollment U.S. Government; and Electives.

Dual Enrollment core offerings will be through Point University and will consist of English 101, US Government, and College Algebra first semester, then English 102, Macroeconomics, College Statistics, and Humanities or Sociology second semester. Students currently in the DE program should update their GA Futures accounts to reflect that they will take DE classes again through Point their senior year. Seniors new to the Dual Enrollment program should have already applied to Point through Point's online process, which includes an advisement form for which students should receive a link once they have submitted their applications.

AP Calculus will cover a mastery of precalculus topics as well as analyze and calculate limits, derivatives, and integrals. Students will solve and analyze differential equations and will use derivatives and integrals to model real life situations. In addition, students will explore differential and integral calculus at the college level, solve problems in verbal, written and graphical form, use technology to solve problems, contextualize math problems, and demonstrate mastery of limits, derivatives, and integrals.

In College Readiness in Mathematics, students will analyze, solve and graph linear relations and functions; solve systems of linear equations and inequalities graphically and algebraically; investigate families of graphs, symmetry, continuity, and behavior and transformation of graphs; solve quadratic, rational, and radical equations and inequalities; assess and graph exponential and logarithmic functions; solve triangles; find the values of trigonometric functions; draw and use graphs of trigonometric functions and their inverses; verify and use trigonometric identities.

Public health is a course designed for students to explore the spread of disease and current health concerns from a Christian worldview. The course begins with a history of healthcare and the development of public health protocols, such as sterilizing hospital rooms and sanitization protocols, and then focuses on the growth and spread of germs and viruses. This course is designed to align with Anatomy and Physiology to help students who plan to enter the healthcare field have the Christian foundation and Biblical Worldview they need as they begin their journey into college level pre-med courses. This course will use data from the CDC to analyze the effectiveness of the design and implementation of

public health protocols used in previous endemics and pandemics, and determine causation of pathological conditions.

Anatomy/Physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also learn the mechanisms for maintaining homeostasis within the human body. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, and clinical studies.

Marine Biology is designed to give students the opportunity to learn about one of the least understood biomes, the ocean. Students will explore the ocean floor, map out the many zones of the ocean, meet many plants and animals in books, on screen, and in person, and explore how to care for the ocean. Students will also dissect many marine life samples.

Forensic Science is designed to introduce students to the many exciting ways scientists focus and identify where crimes occur, how they happen, and who is responsible. Students will focus on specific types of evidence and the techniques to collect and analyze the evidence. Topics covered will include crime scene investigation; collection, handling, and examination of trace evidence, such as hair, fibers, soil, pollen, and glass; fingerprints; blood and blood spatter examination; DNA, drugs, handwriting, and tool mark analysis; impressions; ballistics; and determination of the cause and time of death.

British Literature is a survey of English literature and its authors from the Middle Ages through the Modern Era. This course will use the study of literature and the practice of writing as a key method of engaging the deep emotional attitudes and beliefs of the students and shaping them with a Biblical perspective. Students will write in response to literature through blogging and other activities, as well as multiple essays, research projects, and a literary analysis/criticism. Students will continue to improve critical thinking skills, as well as to further writing skills through application of grammar concepts.

Students will take one semester of Civics in the 12th grade. This class is a comprehensive survey of the government of the United States and is intended to give the high school student a solid foundation of knowledge about the politics, government, and Christian influence of its culture from Colonial history to the present. The student will learn the principal influences on the U.S. form of government and its evolution into the modern government of today.

12th-grade students will also have one semester of Economics. The goal of the senior year Economics course is for the student to demonstrate an understanding of basic economic concepts. Students become familiar with the economic system of the United States and how it operates. They also explore the roles of various components of the American economic system. Topics of discussion include fundamental economics, microeconomics, macroeconomics, international economics, and personal finance.

Bible students in grades 11 and 12 will have a choice of topics each semester, such as Missions, Apologetics, Revelation/Prophecy, Christian Living, Worldviews, Intro to Greek, Women's and Men's Bible. Students will be encouraged to learn and memorize verses that add practical application to their lives, setting a foundation for them in the future to keep the Word of God in their hearts.

Senior Seminar is offered first semester and will provide students with an in-depth understanding of finances, focusing on the "Financial Peace University" by Dave Ramsey, as well as career and college planning, with a concentration on interviewing techniques and how to put together a professional resume.

Second semester, students can take a Senior Life Skills class. Students will complete the seven study "Habits of Highly Effective Students" by Sean Covey. We plan to have guests from a broad career base visit this class as speakers so that students can get a better understanding of the wide variety of job opportunities available. Also, a couple of field trips are planned for exploring various jobs. In addition, practical life skills are taught, modeled, and practiced in this class.

Second semester, we are offering a 6th period Dual Enrollment Sociology class through Point University. Students who want to take this elective should first make sure they will need it for their college major (as it uses their HOPE hours to pay for it).

Electives vary each semester, but include many of the following: 3-D Design, Academic Aide, Art, Band, Chapel Band, Child Development, Computer Programming, Criminal Justice, Entrepreneurship, Full-length Drama, Intro to Engineering, Ladies Fitness/Nutrition, One-act Drama, Production, Robotics, Spring Musical Theater, Weight Training, and Yearbook.

Young Americans looks forward to working hand in hand with you to cultivate your student to be academically successful and to grow to be a light in the world for Christ.

Sincerely,

Terry Shelnutt

Middle and High School Principal

Supply List for 12th Grade

You may choose to get a three-ring binder for each class or one large three-ring trapper keeper with folders for all classes. Organization is key! All students will need access to a computer, the Internet, and a printer outside of school. Sixth through twelfth grade students are required to bring their own personal laptop or chromebook. The school is not responsible for any lost or damaged electronic devices. Students are required to have access to a printer outside of school. Students are not permitted to print assignments at school. One warning will be provided. Further violations will result in a 10 point deduction from any assignment printed at school.

- Chromebook or laptop (access to a printer outside of school)
- Notebook paper (college ruled)
- 1 Large or 2 small spiral notebook with folder inserts (pockets) - **College Readiness**
- 2 inch 3 ring binder - **Literature, Economics/Civics, and Science (share)**
- Dividers
- 1/4" Graph paper - **Statistics and/or College Readiness**
- 2 Composition notebooks (no spiral) - **Bible and British Literature**
- Jumbo Book Covers - **Forensics, College Readiness in Mathematics**
- Blue/black pens and Colored pens for grading
- Pencils
- Colored pencils
- Highlighters
- TI 83 or 84 calculator - **AP Calc or College Readiness in Mathematics**
- 1 package Crayola colored pencils - **Science**
- NIV Bible
- One bottle of hand sanitizer and one box of tissues- **Homeroom**