

# GILBERT CHRISTIAN SCHOOLS

*Serving our Lord one student at a time*



**2017-2018**

## **Gilbert Christian High School Course Catalog**

*Adopted: December 17, 2009 | Revised: November 16, 2016*

# **GILBERT CHRISTIAN HIGH SCHOOL DIPLOMA REQUIREMENTS**

## **BIBLE**

One credit of Bible is required for each year of attendance at GCHS. Students attending all four years must complete Old Testament, New Testament, Theology, and Apologetics. Bible electives cannot replace any of the four core Bible classes.

## **ENGLISH**

Four credits of English are required. English electives cannot replace a core English course.

## **FINE ARTS**

One performing arts class is required. Students may choose from Choir, Strings, Theatre, Guitar, or Keyboarding. (All other fine arts courses are electives.)

## **MATHEMATICS**

Four credits of math are required. Transcripts, placement tests, and teacher recommendations will be used to place students at appropriate levels. Algebra 1, Algebra 2, and Geometry are required for all students, as well as one additional math class beyond the Algebra 2 level. Students must take math all four years of high school, even if they have exceeded the credits required.

## **PHYSICAL EDUCATION**

One year of physical education is required. There are two ways to meet this requirement: (1) The student may enroll in one year of Gilbert Christian High School PE, for which credit is given; or (2) The physical education requirement may be waived by a student's participation in a Gilbert Christian High School sports team or outside athletic organization. If a student logs and verifies 90 hours of participation in an organized sport (45 hours is a typical season), then the student has fulfilled the physical education high school diploma requirement, but no credit is given.

## **SCIENCE**

Three credits of lab science are required. Two of these must be Biology and Chemistry.

## **SOCIAL STUDIES**

Three credits of social studies are required: World History/Geography, US History, and Economics/American Government. College US History may be taken in place of US History.

## **GLOBAL LANGUAGE**

Two credits of the same global language are required.

## **ELECTIVES**

Six electives are required (seven if a PE class is not taken). Academic electives are strongly recommended for all college-bound students.

## **CREDITS REQUIRED FOR GRADUATING SENIORS:**

Students attending GCHS all four years must have 28 credits to graduate, except with administrative approval. At no time can a student earn a diploma with less than 22 credits.

## **NEW OR UPDATED COURSES FOR 2017-2018**

### **In-Class Instruction:**

Career and College Exploration  
Sports Performance and Nutrition  
Speed and Agility  
Sports Medicine  
Christian Missions  
Creation and the Flood  
Psychology - DE Elective  
Coding  
Robotics  
Intro to Marketing  
Intro to Business  
Home Economics  
Latin 4  
Creative Design 3

## **ONLINE CLASS POLICY**

For the 2017-2018 school year, Gilbert Christian High School is offering several online courses to supplement our regular course offerings. Any 10<sup>th</sup> through 12<sup>th</sup>-grade students may select one of these courses as one of their classes. Administrative approval is required for any freshman wanting to take an online course.

**Students need to be motivated and self-disciplined to be successful in taking an online course.** The students will be assigned one period in a supervised classroom during the regular school day to work on their online coursework. All grades will come directly from the online teacher. Since these are self-paced classes, students must demonstrate the responsibility to take a class such as this. Failure of previous classes or poor performance in an online class will preclude a student from choosing an online class as one of their regular courses.

**All fees relating to dual enrollment, CPR certification, ACT/SAT exams, required textbooks and/or required materials/equipment will be the responsibility of the student/parent.**

**Juniors and seniors (with Administrator approval) may take an online dual enrollment course through Grand Canyon University. However, he/she must commit to 2 classes per semester (i.e., one per quarter). These classes can only be taken by students with a 3.0 GPA or better and have not failed a course. ALL online classes are subject to approval by the administration.**

**Students who take an online dual enrollment course will need to meet the drop/add requirement of the college. If they choose to drop a class after the date, they will receive whatever mark the college gives AND be required to enroll in an additional GCHS course, even if past the date where credit can be earned.**

**PLEASE NOTE: All students must provide and bring their own earphones to class every day.**

### **GCHS ONLINE COURSES/QUICK REFERENCE**

Digital Photography (semester)  
Health (semester)  
Intro to Computer Science (semester)  
Intro to Computer Technology (semester)  
Intro to Medical Terms (semester)  
Intro to Web Development (semester)  
Latin 1, 2, 3, and 4 (year)  
Life Skills/Personal Development (semester)

### **\*GCU ONLINE DUAL ENROLLMENT COURSES/QUICK REFERENCE**

Intro to Justice Studies  
Intro to Management  
Intro to Sports Management

***SEE GCU COURSE LIST, AVAILABLE FROM COUNSELOR, FOR A COMPREHENSIVE LIST OF GCU COURSES***

## **BIBLE**

One year of Bible is required for each year of attendance at GCHS.

### **BIBLE109 : OLD TESTAMENT**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: NONE**

Freshman Bible provides students with a survey through the 39 books of the Old Testament giving attention to the background, author, date and “big ideas” that show who God is, what He did, and how we should respond, in an interactive format that seeks to engage students’ questions and lives.

### **BIBLE110 : NEW TESTAMENT**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: NONE**

Sophomore Bible provides students with a survey through the 27 books of the New Testament giving attention to background, author, date and “big ideas” that show who Jesus is, what He did, and what a Christian is and is not, in an interactive format that seeks to engage students’ questions and lives.

### **BIBLE111 : INTRODUCTION TO THEOLOGY**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: NONE**

Junior Bible introduces students to the main ideas in each of the ten major sections of systematic theology and teaches them how to formulate and defend the Christian position. First semester covers the doctrines of Scripture, God, Angels and Demons, Man and Sin. Second semester covers the doctrines of Christ, the Holy Spirit, Salvation, the Church and End Times. Enrichment books will be included. The course will also include a review of Hermeneutical principles which seek to aid the interpreter in their theological convictions within the Seminole views in theology.

### **BIBLE112 : INTRODUCTION TO APOLOGETICS**

**1 YEAR**

**1 CREDIT**

#### **MAY BE TAKEN FOR DUAL ENROLLMENT, 3 COLLEGE CREDITS**

#### **PREREQUISITES: NONE**

Senior Bible immerses students in the main characteristics of the Christian Worldview. First semester provides students with the ability to think through and defend the Christian Worldview from the two main approaches to apologetics against today’s most prominent challenges made by Atheists. Then, students are given a tactical understanding for defending the Christian faith. The second semester explores hot topics like Truth, Ethics, the Problem of Evil, Abortion, Homosexuality, Islam, Mormonism, the Occult, etc. The goal of this course is to give students God’s wisdom in how to defend their Christian convictions in our current cultural context, which is something seniors especially need as they are on the cusp of making the most important decisions of their lives.

### **BIBLE113 : CHRISTIAN MISSIONS - BIBLE ELECTIVE**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: NONE**

*Christian Missions* is a dynamic class which seeks to motivate students to live a life with a mindset of always being "on mission". Therefore, students in this class will begin studying the Biblical, Historical, Cultural, and Strategic aspects of Missiology. Genesis 12:3 discusses the Abrahamic covenant from the Lord, where God declares, "And in you all the families of the earth will be blessed." The redemptive plan of salvation is for all nations to worship Jesus. Missions simply exists because worship doesn't. This class should compel students with an awareness of God's ultimate heart for the nations.

## **BUSINESS/GCU ONLINE**

The following are dual enrollment classes through Grand Canyon University. Juniors and seniors (with Administrator approval) may take a dual enrollment, online course through Grand Canyon University. However, he/she must commit to 2 classes per semester (i.e., one per quarter). Each course is worth 4 college credits, so you have the opportunity to earn 8 college credits per semester. There is a fee associated with each course, plus the cost of materials.

**PLEASE NOTE: Even though these are introductory courses and do not require a prerequisite, they will require a great deal of outside work. Therefore, only juniors and seniors that have shown discipline, a good work ethic, and the ability to perform at a college level will be approved.**

**BUS700 : INTRO TO SPORTS MANAGEMENT (ELECTIVE) 9 WEEKS 0.25 CREDIT**  
**DUAL ENROLLMENT ONLINE\* 4 COLLEGE CREDITS**  
**PREREQUISITES: NONE**

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This course is an overview of the business of sports, including career opportunities, as well as a study of the value of professional management to sports organizations. This is a grade-weighted class.

**JUS700 : INTRODUCTION TO JUSTICE STUDIES (ELECTIVE) 9 WEEKS 0.25 CREDIT**  
**DUAL ENROLLMENT ONLINE\* 4 COLLEGE CREDITS**  
**PREREQUISITES: NONE**

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This course provides an introduction to the basic components of the criminal justice system in the United States today: corrections, courts, and law enforcement. This course would be counted as a Social Studies elective. This is a grade-weighted class.

**MGT700 : INTRODUCTION TO MANAGEMENT (ELECTIVE) 9 WEEKS 0.25 CREDIT**  
**DUAL ENROLLMENT ONLINE\* 4 COLLEGE CREDITS**  
**PREREQUISITES: NONE**

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This introductory course deals with management and the basic management processes and functions. It focuses on real-world management situations concerned with planning, organizing, leading, and controlling the work of the organization. This is a grade-weighted class.

**MKT700 : PRINCIPLES OF MARKETING (ELECTIVE) 9 WEEKS 0.25 CREDIT**  
**DUAL ENROLLMENT ONLINE\* 4 COLLEGE CREDITS**  
**PREREQUISITES: NONE**

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This course surveys the marketing mix and marketing concept; market and buyer behavior; product, service, and relationship marketing for global competition; creating and keeping customers in an e-commerce world; branding and positioning; distribution strategies; integrated marketing communications; and pricing strategies. This is a grade-weighted class.

**PSY701 : PSYCHOLOGY (NON-GCU ONLINE CLASS BUT DE)**

**1 SEMESTER 0.5 CREDIT**

**PREREQUISITES: NONE**

This foundational course in the science of behavior includes an overview of the history of psychology, the brain, motivation, emotion, sensory functions, perception, intelligence, gender and sexuality, social psychology, human development, learning psychopathy, and therapy.

**PSY702 : GENERAL PSYCHOLOGY (ELECTIVE)**

**9 WEEKS 0.25 CREDIT**

**DUAL ENROLLMENT ONLINE\* 4 COLLEGE CREDITS**

**PREREQUISITES: NONE**

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This foundational course in the science of behavior includes an overview of the history of psychology, the brain, motivation, emotion, sensory functions, perception, intelligence, gender and sexuality, social psychology, human development, learning psychopathy, and therapy. This is a grade-weighted class.

**SOC700 : PRINCIPLES OF SOCIOLOGY (ELECTIVE)**

**9 WEEKS 0.25 CREDIT**

**DUAL ENROLLMENT ONLINE\* 4 COLLEGE CREDITS**

**PREREQUISITES: NONE**

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This course presents a survey of the concepts, theories, and methods used by sociologists to describe and explain the effects of social structure on human behavior. It emphasizes the understanding and use of the sociological perspective in everyday life. This is a grade-weighted class.

## **BUSINESS (IN-CLASS)**

### **BUS101 : INTRO TO BUSINESS - BUSINESS 1 SEMESTER 0.5 CREDIT**

#### **PREREQUISITES: NONE**

In this Introduction to Business course, you will study and learn business essentials that encompass the concepts, principles and operations of private enterprise in today's contemporary business world. You will compare and contrast the advantages and disadvantages of sole proprietorships, partnerships, and corporations. You will explore the functions of modern business management, marketing, and ethics and social responsibility that can advance or taint a brand. You will also look at the human resource management side of running a business, and learn how employers can motivate their employees for success. Finally, you will also concentrate on the numbers side of running a business and look at bookkeeping, accounting, financial management, and financial statements. This course is a great overview of how businesses work and is great for any student trying to figure out whether a career in business is right for them.

### **MKT701 : INTRO TO MARKETING- BUSINESS 1 SEMESTER 0.5 CREDIT**

#### **PREREQUISITES: NONE**

This Introduction to Marketing course is designed to provide students with an understanding of the principles of marketing and the marketing process by creating and capturing customer value and how it drives every effective marketing strategy. Students will focus on the management of marketing activities and how marketing relates to overall organizational functioning, including the management of exchange processes between businesses, customers, and between firms. It will include topics such as environmental analysis, industry and competitor analysis, objective setting, marketing strategies, market mix components, the global marketplace, sustainability for social responsibility and ethics, and finally implementation, performance, and control methods.



## COLLEGE PREPARATION

### **CCE101 : CAREER EXPLORATION - CTE**

**1 SEMESTER 0.5 CREDIT**

#### **PREREQUISITES: NONE**

This course is designed to help students through the three stages of career development: *self-discovery*, *career exploration*, and *career planning*. This course will also include real world application and work-based learning experiences including career interviews, guest speakers, participating in mock interviews, and resume building. Students will learn about current career trends and will research career occupations based on their interests and assessment results.

\* Juniors who take this class and College Exploration will be eligible to do the internship for 1 year as a Senior.

### **CCE102 : COLLEGE EXPLORATION - CTE**

**1 SEMESTER 0.5 CREDIT**

#### **PREREQUISITES: NONE**

This course is designed to help students through the three stages of career development: *self-discovery*, *career exploration*, and *career planning*. This course will also include college, military, and vocational presentations, learning how to set- up and prepare for college visits, learning the financial aid process and opportunities, and applying for scholarships. Students will learn about current career trends and will research career occupations based on their interests and assessment results.

\* Juniors who take this class and Career Exploration will be eligible to do the internship for 1 year as a Senior. Seniors who take this class first semester will be eligible to do the internship second semester.

### **LIF101 : 12TH GRADE INTERNSHIP (ELECTIVE)**

**1 SEMESTER 0.5 CREDIT**

#### **PREREQUISITES: INSTRUCTOR APPROVAL**

#### ***SENIORS ONLY; SECOND SEMESTER ONLY (YEAR-LONG WITH ADMINISTRATIVE APPROVAL)***

This custom course is designed by the senior GCHS student through written proposal and submitted to the counselor and administration for approval. It enables a senior to gain work experience off campus in his or her area of interest while earning high school credit. Credit and grade will be granted based on quarterly timesheet submissions and a curriculum vitae of the experience. The internship may be paid or unpaid, but an approved, cooperating agreement with an outside "employer" is required. The student may be off campus the last period of the day to complete the internship. Interested students may apply for the internship by completing the form available in the office. The deadline for a final proposal is 2 weeks before the start of the semester.

### **LIF700: LIFE SKILLS/PERSONAL DEVELOPMENT**

**1 SEMESTER 0.5 CREDIT**

#### **PREREQUISITES: NONE ONLINE\***

This course is designed to increase your success in school and in your personal life. The course will help you increase personal growth, develop study skills, set and pursue meaningful goals, and develop positive personal qualities such as self-esteem, a positive attitude, self-discipline, and self-motivation.

**HEC101 : HOME ECONOMICS - CTE****1 YEAR****1 CREDIT****PREREQUISITES: NONE**

Home Economics builds on the students' knowledge of home life and their immediate experience of making choices in relation to the organization of their own lives. The main areas of this course are to focus on the equipping of students for personal independence and to be able to take shared responsibility in the household and community in which he or she lives. The course:

- Provides students with knowledge and practical skills for everyday life within
- Enables students with the capability of wise decision-making in areas related to the management of their personal resources.
- Develops student's competence in making wise consumer decisions.
- Equips students to have certain important skills for living, including basic human needs for food, clothing, shelter and personal relationships.
- Trains individuals in the ways of establishing and developing a stable environment for their families.

## COMPUTERS

### **CIS704: INTRO TO COMPUTER TECHNOLOGY (ELECTIVE)**

**1 SEMESTER 0.5 CREDIT**

**PREREQUISITES: NONE ONLINE\***

This course is designed as an overview of computer systems and their applications, including the internal hardware, operating system, and software applications. Students will be introduced to a variety of topics, including system unit components, operating systems and utility programs, application software, the internet and the web, basic networking, security and privacy, and database concepts.

### **CIS713: INTRO TO COMPUTER SCIENCE (ELECTIVE)**

**1 SEMESTER 0.5 CREDIT**

**PREREQUISITES: NONE ONLINE\***

This course is an introduction to programming and computer science principles and their usefulness in learning and problem-solving. Students will learn the basic concepts of procedural programming with an emphasis on problem-solving. The class will give students skills to write basic programs to accomplish specific goals. The course will consist of in-class instruction, and also utilize online tools available for High School students, including videos, examples, programming exercises, and challenges. Students complete the course with a basic knowledge of programming concepts and with the skills to aid in learning common programming languages.

### **CIS714: INTRO TO WEB DEVELOPMENT (ELECTIVE)**

**1 SEMESTER 0.5 CREDIT**

**PREREQUISITES: NONE ONLINE\***

This course introduces students to basic web design using HTML (Hypertext Markup Language). The course will show students the process of creating web pages by writing HTML code, planning and designing effective web pages, and enhancing web pages with the use of graphics, images, and multimedia. Students will combine all of these elements to create their own functional website using Dreamweaver, Adobe Photoshop, Fireworks & Flash. Students will also be introduced to popular content management systems such as Joomla and Wordpress.

### **COD101 : CODING - CTE**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: NONE**

**THIS COURSE COVERS SOME OF THE HISTORY OF COMPUTERS AND CODING/PROGRAMMING. BASIC PROGRAMMING AND SOLVING SKILLS WILL BE THE FOCUS OF THIS CLASS. STUDENTS WILL LEARN TO WRITE PROGRAMS USING JAVA AND ANDROID STUDIO. STUDENTS WILL BE ABLE TO WRITE PROGRAMS AND APPS FOR THE ZTE PHONE WHICH IS ANDROID BASED. SOME BASIC 3D CAD DRAWINGS AND PRINTING WILL ALSO BE TAUGHT. THIS CLASS FOCUSES ON STEAM.**

## **ENGLISH**

Four credits of English are required for a GCHS diploma.

### **ENG109 : 9TH GRADE ENGLISH**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: NONE**

This course includes a study of well-known nineteenth and twentieth century British and American authors. Students will also explore units in Shakespeare and Gothic Literature. All novels are examined from a Christian worldview. Composition assignments include argument, narrative, and informational writings with the expectation that students will become proficient writers. In addition, students will study and apply mechanics and grammar skills on a weekly basis, as well as write both a fiction and non-fiction book report in the form of speeches.

### **ENG209 : 9TH GRADE HONORS ENGLISH**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: INSTRUCTOR APPROVAL**

This course includes a literature study that spans the seventeenth through twentieth centuries. The authors hail from Scotland, England, and America and will include units in Shakespeare and Gothic Literature. All novels are examined from a Christian worldview. Composition assignments begin preparing students for college-level writing and include argument, narrative, and informational writings with the expectation that students will become skilled writers. The students in this course will engage in an online discussion forum, similar to those of college courses. In addition, the students will study and apply mechanics and grammar skills on a weekly basis, as well as write both a fiction and non-fiction book review. This is a grade-weighted class.

### **ENG110 : 10TH GRADE ENGLISH**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: ENG109**

This course covers British and American authors from the nineteenth and twentieth centuries, plus units in Shakespeare and Gothic Literature. All novels are examined from a Christian worldview. Composition assignments will emphasize argument, narrative, and informative writings. Writing skills will be expanded, moving students toward a more mature writing style with the expectation that the students become skilled writers. In addition, students will study and apply mechanics and grammar skills on a weekly basis, as well as write both a fiction and non-fiction book report in the form of speeches.

### **ENG210 : 10TH GRADE HONORS ENGLISH**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: ENG109, INSTRUCTOR APPROVAL**

This course covers Shakespeare, Gothic Literature, and an American Playwright, as well as an introduction to an author and writings from the Harlem Renaissance. All novels are examined from a Christian worldview. This course is designed to prepare students for college-level reading, analysis, and writing. Composition assignments include argument, narrative and informational writings with the expectation that students will become exceptional writers. Students in this course will engage in an online discussion forum, similar to those of college courses. In addition, students will study and apply mechanics and grammar skills on a weekly basis, as well as write both a fiction and non-fiction book review. This is a grade-weighted class.

**ENG111 : 11TH GRADE ENGLISH****1 YEAR****1 CREDIT****PREREQUISITES: ENG110**

This course will continue to emphasize writing in a clear, well organized, and focused fashion. Students will be taught to evaluate their own writing for clarity and learn the basics of researching and documenting their source in MLA style. Students will be assisted and encouraged to expand their writing skills to be able to communicate clearly. They will continue to expand their reading skills with a variety of readings from fiction and non-fiction sources with an emphasis on vocabulary and comprehension. Support will be provided at every level to ensure progress toward skills that will enable students to read and write at a competent level.

**ENG211 : 11TH GRADE HONORS ENGLISH****1 YEAR****1 CREDIT****PREREQUISITES: ENG110, INSTRUCTOR APPROVAL**

Honors students in this course will continue to move out of their comfort zone with challenging fiction and non-fiction texts from Christian and secular authors. Students will move beyond summarizing to evaluating and integrating other writer's ideas through analysis and synthesis of ideas. Writing will emphasize argumentation through use of effective rhetorical skills. Students will develop their Christian worldview and be able to communicate that worldview effectively. Students will continue to develop a college-level vocabulary that will enable them to tackle university-level reading and writing. This is a grade-weighted class.

**ENG112 : 12TH GRADE ENGLISH****1 YEAR****1 CREDIT****PREREQUISITES: ENG111**

In this course students will be encouraged to read at a level that will prepare them for their post high school lives. Student will read a variety of classics from the canon as well as non-fiction pieces. Students will develop their critical thinking skills as they evaluate, analyze, and draw conclusions from their reading. Students will continue to receive support in their writing as they move toward being able to communicate in a fluent and clear style.

**ENG101/ENG102 : FIRST YEAR COLLEGE COMPOSITION/LITERATURE****1 YEAR****1 CREDIT****PREREQUISITES: ENG111, GCU PLACEMENT EXAM, INSTRUCTOR APPROVAL**

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This college-level course is offered for both high school and college credit. In this course students will be challenged to express their ideas at collegiate level for an academic audience. Emphasis will be placed on critical thinking skills that analyze, evaluate, draw conclusions, and gain insight. Response papers to academic essays will comprise a large portion of this course. Students will be required to express themselves in an engaging, thoughtful, informative, and creative style. Students will be taught how to interact with ideas they will encounter in their university experience. Students will continue to hone their skills using formats and documentation styles to be able to write effectively in academia. This course is offered as dual enrollment for 8 credit hours. This is a grade-weighted class.

**ENG120 : INTERNATIONAL ENGLISH****1 YEAR****1 CREDIT****PREREQUISITES: NONE**

This class will be taken in conjunction with a grade-level English class and will subsequently serve as a resource class for the unique needs of the international student. Students will expand their knowledge of the English language through a curriculum written specifically for second language learners that includes writing, speaking, and listening skills. There is an emphasis on conversational English and learning and using English idioms and expressions. Units will also include preparation for the TOEFL and English portions of the SAT. All international students are required to enroll in this course while attending GCHS unless otherwise approved by the teacher and administration.

**ENG130 : CREATIVE WRITING (ELECTIVE)****1 SEMESTER 0.5 CREDIT****PREREQUISITES: ENG110, INSTRUCTOR APPROVAL**

This class is designed to extend the skills mastered in freshman and sophomore-level English courses. Students will be challenged to express themselves across a variety of genres (poetry, short story, drama, etc.) for the purpose of publication.

## **FINE ARTS**

One performing arts class is required to earn a GCHS diploma. Visual arts are electives.

### **ART101 : INTRO TO ART (ART1) (ELECTIVE)**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: NONE**

Based on the premise that everyone can learn to draw well in a very short time, this class introduces five basic perceptual skills necessary for drawing: the perception of edges and contours, space (positive & negative), relationships (perspective & proportion), light and shadows, and unified composition. This class is designed, by the end of the first semester, to enable the beginning drawing student to see and draw “realistically” as an artist naturally does. It includes the application of the fundamental design principles such as balance, proportion, rhythm, emphasis, and unity by integrating the basic elements of visual art: light & dark, space, shape/form/mass, line, texture, and color.

Once the core perceptual drawing skills are learned, the class begins to explore basic techniques & drawing media such as graphite, charcoal, pen & ink, mixed media collage, watercolor and acrylic painting. Various drawing techniques and other materials are introduced. This class ends with an introductory painting unit demonstrating basic color concepts.

### **ART 104 : CREATIVE DESIGN 1 (ELECTIVE)**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: NONE**

#### **10 students (meets during the same period as CREATIVE DESIGN 2)**

This art class is a basic guide to visual fundamentals and introduces the students to two-dimensional design and three-dimensional creative design. It focuses on applied arts such as handmade Book Design, Ceramics, as well as fine arts such as Collage, Assemblage, Painting, and Sculpture. Students review six foundational design concepts and elements of visual art, found in the design of nature itself: light/darkness, space, shape/form/mass, line, pattern, and color, while applying five principles of design: balance, proportion, rhythm, emphasis, unity.

First semester, students will apply the fundamental visual design elements and principles as they create multiple mixed-media compositions—using such material as matte medium, torn and cut paper, collage elements and paint on wood panel and paper. Projects are often derived from the Genesis Creation account as a guide and inspiration to creating a series of compositions and design projects.

Second semester projects emphasize the same fundamental design elements and principles applied to 3-D design, beginning with handmade book/box design, Ceramics, followed by Sculpture projects using Ceramics, wood, metal, paint, paper, pencil, and other materials. Some allusions to art history are incorporated into the class lessons.

### **ART 202 : ART 2 (ELECTIVE)**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: INSTRUCTOR APPROVAL OR “A” IN ART101**

#### **16 students**

This class builds on the students’ drawing and painting skills gained from the previous Art II class. It is designed to enable the advanced art student to develop their individual artistic expression and personal artistic vocabulary in the creation of new works of art. More advanced, prolonged, drawing, painting, and mixed media projects of various subjects are explored with an emphasis on perfecting various skills & techniques while applying previously introduced fundamental concepts and elements of visual art.

This course includes drawing with graphite, charcoal, pen & ink, and mixed media, painting with watercolor and acrylic on paper, wood panel, and canvas, and printmaking. The use of color will be

further explored and emphasized in various projects. As students continue to develop artistically, various new subjects, and opportunities will be introduced in order to prepare the student's art portfolio for presentation. Various elements of art history are incorporated into the introduction of certain art projects. Students are taught to use sketchbooks regularly to develop ideas.

**ART 204 : CREATIVE DESIGN 2 (ELECTIVE)**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: INSTRUCTOR APPROVAL OR "A" IN ART104**

**6 students (meeting during the same period as CREATIVE DESIGN 1)**

This art class further develops each student's skills and understanding of visual fundamentals in two-dimensional design and three-dimensional creative design. It focuses on applied arts such as hand-made Book Design, Ceramics, as well as fine arts such as Collage, Assemblage, Painting, and Sculpture.

First semester, students will apply the fundamental visual design elements and principles as they create themed, larger mixed-media compositions—using such material as matte medium, torn and cut paper, collage elements and paint on wood panel and paper. Projects are often derived from biblical passages as a guide and inspiration to creating a series of compositions and design projects.

Second semester emphasizes the same fundamental design elements and principles applied to 3-D design, beginning with handmade book/box design, Ceramics, followed by Sculpture projects using Ceramics, wood, metal, paint, paper, pencil, and other materials. Some allusions to art history are incorporated into the class lessons.

**ART 303 : ART 3 (ELECTIVE)**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: INSTRUCTOR APPROVAL OR "A" IN ART202**

**16 students**

This class builds on the students' drawing and painting skills gained from the previous Art II class. It is designed to enable the advanced art student to develop their individual artistic expression and personal artistic vocabulary in the creation of new works of art. More advanced, prolonged, drawing, painting, and mixed media projects of various subjects are explored with an emphasis on perfecting various skills & techniques while applying previously introduced fundamental concepts and elements of visual art.

This course includes drawing with graphite, charcoal, pen & ink, and mixed media, painting with watercolor and acrylic on paper, wood panel, and canvas, and printmaking. The use of color will be further explored and emphasized in various projects. As students continue to develop artistically, various new subjects, and opportunities will be introduced in order to prepare the student's art portfolio for presentation. Various elements of art history are incorporated into the introduction of certain art projects. Students are taught to use sketchbooks regularly to develop ideas.



**ART304 : CREATIVE DESIGN 3 (ELECTIVE)****1 YEAR****1 CREDIT****PREREQUISITES: CREATIVE DESIGN 2****16 students (meeting during the same period as CREATIVE DESIGN 1 & 2)**

This advanced art class takes a closer, deeper look at design from various aspects, exploring some new media and design concepts. It is designed to further develop and take each student's skills and understanding of visual fundamentals in two-dimensional design and three-dimensional creative design to a deeper level. Idea development and creative thinking exercises and techniques are taught as part of the regular coursework and recorded in idea-books regularly throughout the course. This class focuses on understanding a variety of applied arts through creative projects such as: Product/Package Design, Typography & Lettering, Graphic Design, Printmaking, Assemblage, Painting, handmade Book Design, Ceramics, and Sculpture.

First semester, students will apply the fundamental visual design elements and principles as they create themed, larger mixed-media compositions—using such material as pen and ink, matte medium, torn and cut paper, collage elements, markers, and paint on wood panel and paper. The class projects are often derived from biblical passages, literature, and architecture as a guide and inspiration to creating a series of compositions and design projects.

Second semester emphasizes the same fundamental design elements and principles applied to 3 dimensional design, beginning with handmade book/box/package design, ceramics, followed by sculpture projects using ceramics, wood, metal, paint, paper, pencil, and other materials. Allusions to art history are incorporated into the class lessons.

**ART103 : YEARBOOK (ELECTIVE)****1 YEAR****1 CREDIT****PREREQUISITES: NONE****Placement is based on interview and teacher approval.**

This course will cover the basics of reporting, writing, layout, and design; photography; and business management for the production and sale of the GCHS yearbook. Students will be an integral part of the yearbook team; therefore, a one-year commitment to this course is required. Students must be proficient in writing, grammar (heavy vocabulary), and computer skills. The book is produced using an online resource and Photoshop. Each ART103 student will receive a GCHS yearbook for free.

**CIS703: DIGITAL PHOTOGRAPHY (ELECTIVE)****1 SEMESTER 0.5 CREDIT****PREREQUISITES: NONE ONLINE\*****REQUIRED EQUIPMENT: THIS COURSE REQUIRES THE STUDENT TO HAVE FULL ACCESS TO HIS/HER OWN DIGITAL CAMERA OF 2 MEGAPIXELS OR MORE, WITH A MINIMUM 3X ZOOM LENS.**

This course is an introduction to the fundamentals of digital photography and photo editing. Students will learn the basics of using a digital camera and how it works, utilizing composition and lighting and other tools used in acquiring digital images. Students will learn the process of manipulating the images through popular editing software, focusing on concepts such as selection, cropping, painting, editing tools, filters, layers, style adjustments, and effects. Students will have weekly photography assignments.

**MUP109: CONCERT CHOIR****1 YEAR****1 CREDIT****PREREQUISITES: AUDITION ONLY**

Concert Choir is an auditioned, full-year advanced mixed chorale ensemble open to high school students with a strong musical and choral background. The course of study consists of continuing to develop proper vocal technique, music theory, sight-reading, historical knowledge, and fine ensemble singing. A varied repertoire of advanced literature is selected from antiquity to the present. Concert Choir performs in all festivals, concerts, domestic tours, and community events; therefore, commitment to each rehearsal,

concert, and tour is mandatory and expected. Students will strive for musical excellence in both musical endeavors and personal character. Students are encouraged to compete in events such as Solo-Ensemble Contest, Central Regional Choir, and Arizona All-State Choir. Only Concert Choir members may audition for Bel Canto Singers. A one-year commitment is required for this course. This class may be repeated for credit.

**MUP110: HIGH SCHOOL CHORALE**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: NONE**

Chorale is a non-auditioned, full-year mixed choral ensemble open to high school students with a limited musical or choral background. The course of study consists of the basics of vocal production, fundamentals of music theory, music listening, historical knowledge, and fine ensemble singing. A varied repertoire of literature is selected from antiquity to the present. Students will strive for musical excellence in both musical endeavors and personal character. Chorale may perform in concerts, festivals, domestic tours, and community events; therefore, commitment to each rehearsal, concert, and tour is mandatory and expected. With the approval of the director, students will have the opportunity to compete in events such as Solo-Ensemble Contest, Central Regional Choir, and Arizona All-State Choir. A one-year commitment is required for this course. This class may be repeated for credit.

**MUP111: INTRO TO MUSIC PRODUCTION (ELECTIVE)**

**1 SEMESTER 0.5 CREDIT**

**PREREQUISITES: NONE**

**10 students**

How are video game sound effects, radio music tracks, beats, and vocal tracks created, produced, and recorded? You will learn this and much more, including making your own instrumentals through a variety of hands-on project applications. Students will begin by learning the basics of creating music via Apple's all-in-one digital music studio, Garage Band. Students will be exposed to the art of beat making, remixing, sampling, live recording, and sound manipulation. Students will begin initial discovery in the concepts of arranging, mixing, mastering, and creating their own loops. Throughout the course, students will be presented with the opportunity to learn basic piano keyboard skills. Music background is not necessary for students to use this software or to be successful in this class.

**THE109 : THEATRE**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: NONE**

This course is an introduction to basic acting, utilizing the book *Acting for Life* as the primary text. Units are taught on subjects such as acting skills, techniques in character development, performance, and script work. Written quizzes and individual and group exercises are used to practice and evaluate progress. This is a performance-based course, and several in-class individual and group performances are required. Attendance at two community performances is required as well. Students taking this class are strongly encouraged, though not required, to participate in the two extra-curricular, full-length productions. This class may be repeated for credit.

**STR112 : CHAMBER ORCHESTRA (STRINGS)****1 YEAR****1 CREDIT****PREREQUISITES: NONE (PREVIOUS EXPERIENCE RECOMMENDED)****REQUIRED EQUIPMENT: THIS COURSE REQUIRES THE STUDENT TO RENT OR OWN HIS/HER OWN VIOLIN, VIOLA, CELLO, OR BASS.**

This course reinforces concepts of excellent string-playing technique with an emphasis on scales for intonation and hand formation, review of shifting, intermediate music theory, and independent ensemble playing. Music history is incorporated through the repertoire selected to reflect each era of music development. As a performance-focused course, consistent practice of the materials is expected. Attendance is required for at least four performances per year for class credit. A one-year commitment is required for this course. This class may be repeated for credit.

**KEY101: BEGINNING KEYBOARDING (PIANO)****1 YEAR****1 CREDIT****PREREQUISITES: NONE (PREVIOUS EXPERIENCE RECOMMENDED)****REQUIRED EQUIPMENT: THIS COURSE REQUIRES THE STUDENT TO RENT OR OWN HIS/HER OWN 88-KEY KEYBOARD TO BE LEFT AT SCHOOL. (SEE TEACHER FOR REQUIREMENTS.)**

This course is designed for students who wish to develop basic piano playing skills, or expand on their existing skills. Time in class will be spent both on and off the keyboards. While playing, students will be working individually and in small groups to master the techniques of playing and to learn pieces. There will also be time spent in group instruction on musical notation and theory.

**KEY102: INTERMEDIATE KEYBOARDING (PIANO)****1 YEAR****1 CREDIT****PREREQUISITES: KEY101 OR PLACEMENT BY INSTRUCTOR****REQUIRED EQUIPMENT: THIS COURSE REQUIRES THE STUDENT TO RENT OR OWN HIS/HER OWN 88-KEY KEYBOARD TO BE LEFT AT SCHOOL. (SEE TEACHER FOR REQUIREMENTS.)**

This course is designed for students who wish to develop intermediate to advanced piano playing skills, or expand on their existing skills. Time in class will be spent both on and off the keyboards. While playing, students will be working individually and in small groups to master the techniques of playing and to learn pieces. There will also be time spent in group instruction on musical notation and theory.

## GLOBAL LANGUAGES

Two credits of the same global language are required.

### **SPA109 : ESPAÑOL 1**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: NONE**

¡*Anímense!* This course encourages a strong foundation to the language using total physical response, Scripture and songs to set students on their way in language development. Students will learn language structure (grammar) and basic conversation skills, as well as develop skills in listening, reading and writing. The Spanish club will also encourage cultural interaction and travel to better equip the students with the relevance of learning the language.

### **SPA110 : ESPAÑOL 2**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: SPA109**

¡*Avancemos!* This course builds on the foundation of Spanish 1 and advances into a new and deeper understanding of the language. Speaking is emphasized, and conversation topics are more advanced. Students will learn key scriptural passages to better equip them to express truth in Spanish. The goal of this course is to encourage global love and understanding of Spanish-speaking peoples and equip the students to speak and interact with Spanish speakers.

### **SPA111 : ESPAÑOL 3 (ELECTIVE)**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: SPA110**

¡*Vámonos!* Knowing Spanish opens a new world that would otherwise be closed to you! This course is an accelerated study of Spanish for students with previous Spanish coursework. (College-level content.) We emphasize speaking Spanish in conversation. We learn the True Story of the World/Bible concentrating on key passages. God has given the diverse gift of language and culture so that we can engage with a broader world with truth and love. We will learn the grammar and usage that will help students go beyond basic Spanish. Students at this level are encouraged to travel with the Spanish Club to a Spanish-speaking nation. This is a grade-weighted class.

### **SPA112 : ESPAÑOL 4 (ELECTIVE)**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: SPA111**

¡*Adelante!* Get your college Spanish done at GCHS! We build on the foundation of Spanish learned from previous coursework. Spanish 4 encourages students to own the language. There is a great emphasis on speaking, conversing, and expressing more complex ideas. Students are taught gospel story from the Bible and how to express it in conversation. Students will be challenged to understand and use the language to better express themselves towards greater fluency. This is a grade-weighted class.

### **SPA113 : ESPAÑOL 5 (ELECTIVE)**

**1 YEAR**

**1 CREDIT**

#### **PREREQUISITES: SPA112**

Advanced Spanish Language, Literature and Conversation. This course focuses on the social, cultural, political, economic and religious issues of Ibero-America in the target language. Students will interact with literature, audio, video content in Spanish. Students will interact with content in written discourse and in guided discussions. Students will present their opinions in Spanish. Students will learn to critically analyze content themes with the foundation of the Scriptures. Students examine how Latin Americans view their world through conversations, and related literature. This concentration is designed to expand students' Spanish language skills through a course taught exclusively in Spanish. This is a grade-weighted class.

**LAT701 : LATIN 1** **1 YEAR** **1 CREDIT**

**PREREQUISITES: NONE ONLINE\***

Because Latin is the root of all romance languages, a foundation in Latin allows for most other languages to be easier learned. In this introductory course, students will begin to build an understanding of the language's grammar and vocabulary. Special attention is paid to roots, prefixes, and terms which will enrich the student's English vocabulary and develop his/her knowledge of sentence structure.

**LAT702 : LATIN 2** **1 YEAR** **1 CREDIT**

**PREREQUISITES: LATIN 1 ONLINE\***

Reading Latin is as easy as cutting a pie. In this course, students will learn how to "cut" suffixes off of verbs, nouns, and adjectives. He/she will begin to retain the grammatical value of these suffixes (whether the word is singular or plural, present or future, etc.). Students will also grow their knowledge of vocabulary and grammar through discussions (in Latin) with their peers.

**LAT703 : LATIN 3 (ELECTIVE)** **1 YEAR** **1 CREDIT**

**PREREQUISITES: LATIN 2 ONLINE\***

Reading classical Latin is interesting and fun! Students will be introduced to "real" Latin from authors like Cicero, Ovid, and Horace. He/she will discover how much he/she has retained of the Latin language and how easily he/she can sight read some of the most famous pieces of ancient literature. This is a grade-weighted class.

**LAT704 : LATIN 4 (ELECTIVE)** **1 YEAR** **1 CREDIT**

**PREREQUISITES: LATIN 2 ONLINE\***

This advanced Latin class builds on students' learning in Latin I-III, and focuses on accurate Latin composition as well as the reading of original Latin prose and poetry. This course is designed to prepare students for university-level Latin study and/or for the AP or SAT Latin exams. This is a grade-weighted class.

## **MATHEMATICS**

Four credits of mathematics are required and must be taken each year. Transcripts, placement tests and teacher recommendations will be used to place students at appropriate levels.

**MAT110 : ALGEBRA I** **1 YEAR** **1 CREDIT**

**PREREQUISITES: TEACHER RECOMMENDATION AND/OR PLACEMENT EXAM**

**REQUIRED MATERIALS: TI-83 OR TI-84 CALCULATOR**

Attention will be given to solving math problems with and without technology. Algebra builds off of Pre-Algebra and further develops algebraic thinking. This will be demonstrated in manipulating expressions and equations in various forms to identify characteristics on a graph or in written form. Students will also explore and learn linear expressions, equations, and inequalities with application in linear systems. For the remainder of the year, students will explore and learn quadratic expressions and equations, exponential equations, and rational expressions and equations, followed by an introduction to probability and statistics.

**MAT111 : GEOMETRY** **1 YEAR** **1 CREDIT**

**PREREQUISITES: MAT110 AND/OR PLACEMENT EXAM**

**REQUIRED MATERIALS: TI-83 OR TI-84 CALCULATOR**

Using the concepts from Algebra, this course investigates geometric definitions, theorems, and postulates to find angle and segment measures with and without the coordinate plane. This course is highly logical, visual, and spatial. It includes topics of reasoning and proof, parallel and perpendicular lines, and relationships of triangles; in particular, congruent, similar, and right triangles. Investigation will also be provided to learn the properties of polygons, quadrilaterals, area, volume, and circles. Each quarter will have its own project to extend the learning in class.

**MAT141 : HONORS GEOMETRY** **1 YEAR** **1 CREDIT**

**PREREQUISITES: MAT210 AND/OR PLACEMENT EXAM**

**REQUIRED MATERIALS: TI-83 OR TI-84 CALCULATOR**

Students apply alternate ways of reasoning mathematically, beyond Algebra 1, including analytical and spatial reasoning to more complex problems. They apply what they know about two-dimensional figures to three-dimensional figures in real-world context and deepen their understanding of shape and shape relationships. Students extend their understanding about linear functions and coordinate graphing to coordinate geometry. Students develop postulates, definitions, and theorems, as well as, deductive reasoning skills that can be applied to higher-level mathematical and real-world problems. Will lead to students being able to go directly to Pre-Calculus (MAT 113/114). This is a grade-weighted class.

**MAT112 : ALGEBRA II** **1 YEAR** **1 CREDIT**

**PREREQUISITES: MAT111/MAT141 AND/OR PLACEMENT EXAM**

**REQUIRED MATERIALS: TI-83 OR TI-84 CALCULATOR**

Attention will be given to solving math problems with and without technology. Algebra 2 builds off of Algebra 1 and further develops pre-cursory concepts relating to Calculus. It delves into the topics of writing, graphing, and solving functions, including linear, absolute value, quadratic, polynomial, radical, exponential, logarithmic, and rational. There will be real-world application regarding the different types of functions. It also includes an introduction to sequences and series, conic sections, probability and statistics, and matrices.

**MAT113 : PRE-CALCULUS** **1 YEAR** **1 CREDIT**

**PREREQUISITES: MAT112 AND/OR PLACEMENT EXAM**

This course continues to cover those functions discussed in MAT112 but is more comprehensive in each

of the topics. It also delves into the trigonometric functions, including their inverses and graphs, trigonometric identities and laws, vectors, polar coordinates, and an introduction into limits in preparation for Calculus. This is a grade-weighted class.

**MAT115 : CALCULUS I** **1 YEAR** **1 CREDIT**

**PREREQUISITES: MAT126/MAT129/MAT142/MAT143/MAT113/MAT114 OR EQUIVALENT**

This course includes topics from analytical geometry with special emphasis on inequalities and absolute value expressions, limits, continuity, the fundamental principles and formulae for differential and integral calculus, along with their applications to geometry and mechanics, the mean value theorem, and the fundamental theorem of calculus. This is a grade-weighted class.

**MAT118 : CALCULUS II** **1 YEAR** **1 CREDIT**

**PREREQUISITES: MAT115/MAT116/MAT117**

This course includes techniques of integration for both proper and improper integrals, with applications to the physical and social sciences, elements of analytical geometry, the analysis of sequences and series, and vector functions. This is a grade-weighted class.

**MAT121 : CALCULUS III** **1 YEAR** **1 CREDIT**

**PREREQUISITES: MAT118/MAT119/MAT120**

This course is in multivariate calculus including vectors, vector-valued functions, partial differentiation, multiple integration, and an introduction to vector fields. This is a grade-weighted class.

**MAT130: COLLEGE ALGEBRA** **1 YEAR** **1 CREDIT**

**PREREQUISITES: MAT112 AND/OR PLACEMENT EXAM. SENIORS ONLY.**

**ADDITIONAL REQUIREMENTS: MUST BE TAKEN AFTER ALGEBRA II, NOT PRECALC**

Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, modeling and solving real world problems. Additional topics may include matrices, combinatorics, sequences and series, and conics.

**STP101 : MATHEMATICAL STATISTICS** **1 YEAR** **1 CREDIT**

**PREREQUISITES: MAT113/114 OR EQUIVALENT. SENIORS ONLY.**

This course is designed as a college-level course about the basic language and fundamental idea of statistics. These ideas include data analysis, production and collection, the ability to interpret statistical graphs and charts, and the capacity to select an appropriate technique to answer a research question. This is a grade-weighted class.

## **PHYSICAL EDUCATION**

One year of physical education is required. There are two ways to meet this requirement: (1) The student may enroll in one year of Gilbert Christian High School PE, for which credit is given; or (2) The physical education requirement may be waived by a student's participation in a Gilbert Christian High School sports team or outside athletic organization. If a student logs and verifies 90 hours of participation in an organized sport (45 hours is a typical season), then the student has fulfilled the physical education high school diploma requirement, but no credit is given.

### **HLTH700: HEALTH (ELECTIVE)**

**1 SEMESTER 0.5 CREDIT**

**PREREQUISITES: NONE ONLINE\***

**FEE: STUDENTS ARE REQUIRED TO RECEIVE CERTIFICATION IN CPR, WHICH MAY BE OBTAINED FROM COMMUNITY RESOURCES FOR A NOMINAL FEE.**

Health emphasizes the importance of knowledge, attitudes, and practices relating to personal health and wellness. It is a course designed to introduce students to a wide range of issues and information relating to the various aspects of personal health. Topics include the physical, social, emotional, intellectual, spiritual and environmental aspects. Students will also explore topics including, but not limited to, the cardiovascular system, nutrition, physical fitness, teen (social) issues, effective communication tools, conflict resolution and human development.

### **PPE109 : LIFETIME SPORTS - MEN**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: NONE**

Christ-centered physical education emphasizes stewardship, teamwork, leadership opportunities and encouragement. A basic understanding and development of fitness is integrated to form a foundation against which sports and movement-related opportunities are provided for student success relative to skill development in soccer, volleyball, floor hockey, basketball, mush ball, kickball, flag football, aerobics, and gym games. This class may be repeated for credit.

### **PPE110 : LIFETIME SPORTS - WOMEN**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: NONE**

Christ-centered physical education emphasizes stewardship of the body as the temple of the Holy Spirit, teamwork, encouragement & leadership opportunities. Program goals include the development of a healthy, active lifestyle in order to prepare students to be lifetime exercisers who are "Fit to Serve." A basic understanding and development of fitness are integrated to form a foundation against which sports and movement-related opportunities are provided for student success. Units that promote skill development in soccer, volleyball, floor hockey, basketball, mush ball, kickball, flag football, aerobics, stunts/pyramids, dance and gym games are incorporated. This class may be repeated for credit.

### **PPE111 : STRENGTH TRAINING - MEN**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: NONE**

This class is designed to maximize the strength/conditioning opportunities for GCHS athletes, as efforts are coordinated with coaching staff to improve training. Students will receive advanced specialized training in weight lifting, speed training, nutrition and general health. Biblical principles provide a foundation upon which health components are integrated to expand student knowledge and understanding for success in all areas of spiritual/physical/emotional/mental/social health and well being. This class may be repeated for credit.



**PPE112 : STRENGTH TRAINING - WOMEN****1 YEAR****1 CREDIT****PREREQUISITES: NONE**

This class is designed to introduce students to the principles and benefits of strength training, while enhancing and maximizing the opportunities for our GCHS athletes to train and prepare for their sport. Sports-specific exercises and challenges will be integrated into workouts for the experienced athlete. All students will focus on proper use of weight training equipment, accurate execution, injury prevention, flexibility, cardio respiratory fitness, muscular strength, and endurance. Biblical principles provide a foundation upon which health components are integrated to expand student knowledge and understanding for success in all areas of their health and well being. This class may be repeated for credit.

**PPE113 : INDEPENDENT STUDY PE****1 YEAR****1 CREDIT****PREREQUISITES: NONE**

This course is designed for students who receive sport-specific training that is not available through Gilbert Christian High School. The students must keep a log of their hours involved in training, and they must be signed by a certified trainer. The students must complete a minimum of 90 hours of training per semester to receive an "A" grade. This course is only available 7<sup>th</sup> hour, and the students must receive prior approval from administration to enroll. This class may be repeated for credit.

**PPE116 : DANCE****1 YEAR****1 CREDIT****PREREQUISITES: NONE**

GCHS Dance PPE116 is a physical education dance class, with an emphasis on movement skills and the elements of dance, presented in the context of worship and evangelism. Biblical references are explored in order to establish the context and relevance of dance in Israel's history.

Various dance styles including jazz, lyrical, ballet basics, hip-hop, theatrical, fitness dance forms and Hebrew folk dance will be introduced. Choreography will be built around the strengths of the students who sign up for the class. Performance opportunities will be optional, but encouraged, as we pursue ways to share faith in Christ through dance. As a final project, students will create and structure their own dance composition, identifying and integrating various elements of dance, as they make personal choices about music, dance style, number of dancers, props, etc.

**PPE117 : BODY FIT – ADVANCED FITNESS****1 YEAR****1 CREDIT****PREREQUISITES: NONE. WOMEN ONLY.****12 students**

This class is designed to build, define and create a strong, functionally fit and athletically able body. Students will learn form and functions of a variety of exercises. The focus will be on workouts that stabilize and strengthen the core, burn calories through brief but intense cardio, and exercises that build overall strength using one's own weight or light weights, balance, isometrics and yoga. Although only those serious about working out and achieving results need enroll, the results will be achieved in a fun, relaxed, supportive and edifying setting. Physical, functional, fun, yet challenging routines will be performed each class allowing students to feel like they are never doing the same thing twice, yet their strengthening bodies will be adapting to each added challenge as they capably rise to meet it. This course is for PE credit.

**PPE118 : SPORTS PERFORMANCE AND NUTRITION (PE ELECTIVE)****1 YEAR****1 CREDIT****PREREQUISITES: NONE**

A student's athletic performance and recovery from training are enhanced by attention to nutrient intake. Students will learn Optimal nutrition for health and performance including the identification of both the quantity and quality of food and fluids needed to support regular training and peak performance.

Students will learn the cycle of training and how demands shift during the year, athletes need to adjust their caloric intake and macro-nutrient distribution while maintaining a high nutrient dense diet that supports their training and competition nutrient needs. Student will also develop a weekly nutritional cookbook that will build large data base from which each student can use as a personal nutritional resource.

**PPE119 : SPEED AND AGILITY (PE ELECTIVE)**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: NONE**

Course trains you to improve the speed & agility of any athlete for any sport — whether beginner or advanced. Students will learn strategies and drills to use immediately to improve speed, agility & confidence. In the course students will learn the foundational concepts of speed & agility training, basic motor function and movement exercises for effective movement. Then, students will learn exactly how to apply this information to your work in the gym or in practice to optimize your athletes' performance, reduce times and increase mobility. Students will be working in the classroom, weight room and on the football field.

**SPMED101 : SPORTS MEDICINE (CTE/PE ELECTIVE)**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: NONE**

This course provides high school students with a general overview of athletic training, sports medicine and its history. It includes introductory information about the Athletic Trainer's scope of practice: injury prevention, treatment, rehabilitation, emergency injury management and administrative functions. This course is intended to help students gain an understanding of sports medicine, various associated disciplines and the role they play in the physically active community. Students will also participate in various lab activities (taping, rehabilitation plans, emergency management situations, etc.). Students will have the opportunity to help hydrate athletes and watch/help during certain games or practices that they are interested in.

## SCIENCE

Three credits of lab science are required to earn a GCHS diploma. Two of these must be Biology and Chemistry.

**BIO101 : BIOLOGY LAB** **1 YEAR** **1 CREDIT**

**PREREQUISITES: NONE**

**FRESHMAN REQUIREMENT**

This biology lab course is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and mendelian genetics, evolution, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in creation along with discussion of the proposed changes to the standard system of taxonomy. This course is required for graduation.

**BIO201 : COLLEGE HUMAN ANATOMY & PHYSIOLOGY LAB** **1 YEAR** **1 CREDIT**

**DUAL ENROLLMENT** **4 COLLEGE CREDITS**

**PREREQUISITES: BIO 101 AND CHM 101**

**JUNIOR AND ABOVE ONLY**

Study of structure and function of the human body. Topics include cells, tissues, integumentary system, skeletal system, muscular system, endocrine, digestive, excretory, circulatory, respiratory, reproductive and nervous system. Lab work includes activities for each unit, as well as a cat dissection covering the body systems. This is a grade-weighted class. Available for Dual Enrollment.

**BIO140 : FIRST YEAR COLLEGE BIOLOGY LAB** **1 YEAR** **1 CREDIT**

**PREREQUISITES: BIO101& CHM 101**

**PLACEMENT IS BASED ON TEACHER APPROVAL.**

This advanced biology lab course is designed to provide a framework for lab experience and to help the student learn how to understand problems, develop hypotheses, design and implement controlled experiments, identify independent and dependent variables, analyze data, draw conclusions, think analytically, and communicate results with appropriate data tables and graphs. Topics include biological chemistry, cell structure and function, energy transformation, molecular genetics, heredity, evolution, plant structure and physiology, animal structure and physiology, behavior, and ecology. Secular textbooks are included in the required readings. This is a grade-weighted class. Available for Dual Enrollment.

**CHM101 : CHEMISTRY LAB** **1 YEAR** **1 CREDIT**

**PREREQUISITES: BIO 101 (MAT112 HELPFUL)**

**SOPHOMORE REQUIREMENT**

This chemistry lab course gives the student a rigorous foundation in chemistry in order to prepare the student for a college-level course. The course covers significant figures, units, classification, the mole concept, stoichiometry, thermodynamics, kinetics, acids and bases, solutions, atomic structure, Lewis structures, molecular geometry, the gas laws, and equilibrium. This course is required for graduation.

**CHM140/CHM141 : FIRST YEAR COLLEGE CHEMISTRY LAB** **1 YEAR** **1 CREDIT**

**PREREQUISITES: BIO 101 & CHM101**

**PLACEMENT IS BASED ON TEACHER APPROVAL.**

This advanced chemistry lab course covers detailed descriptions of limiting-reagent stoichiometry, atomic and molecular orbitals, intermolecular forces, solutions, equilibrium, acids and bases, redox reactions, nuclear chemistry, intro organic chemistry, solution properties, acids and bases, ionic

equations, oxidation reduction, kinetics, descriptive chemistry of the elements, nuclear chemistry, and an introduction to organic chemistry. Secular textbooks are included in the required readings. This is a grade-weighted class. Available for Dual Enrollment.

**MED700: INTRO TO MEDICAL TERMS (ELECTIVE) 1 SEMESTER 0.5 CREDIT**  
**PREREQUISITES: NONE ONLINE\***

This course introduces medical terms used in healthcare and the language of medicine and focuses on prefixes, suffixes, word roots and their combining forms by reviewing each body system and specialty area. Students will then build and analyze terms.

**PHY101 : PHYSICS LAB 1 YEAR 1 CREDIT**  
**PREREQUISITES: BIO 101, CHM 101 & MAT112 (OR CONCURRENTLY)**  
**PLACEMENT IS BASED ON TEACHER APPROVAL.**

The physics lab course is an introductory level course covering the concepts of Newton's laws, statics, dynamics, optics, DC circuits, waves, electromagnetism, two-dimensional vectors, gravity, work, and energy. Lab work is included in the course. Grade is based on daily assignments, lab work, and exams. Focus on labs and developing concepts.

**ROB101 : ROBOTICS - CTE 1 YEAR 1 CREDIT**  
**PREREQUISITES: NONE**

Robotics is a new and exciting course that combines building and programming into one using Tetrix and Java. Students will learn how to do the following: build robots with arm/grasping mechanism and use different sensors (IR, Distance, Optical) to complete challenges. Android Studio along with Java will be used in learning how to program the robot. This class focuses on STEAM.

**SCI109 : CREATION AND THE FLOOD (ELECTIVE) 1 SEMESTER 0.5 CREDIT**  
**PREREQUISITES: NONE**

This apologetic creation science course is focused on revealing the scientific evidence that support the literal six-day-creation interpretation of Genesis chapter one, as well as the worldwide flood of Noah. Students will compare recent scientific evidence and theories supporting young-earth-creation, (6 to 10 thousand years), with old-earth-creation (approximately 4 ½ billion years). Scientific disciplines covered in this course will include anthropology, biology, cosmology, evolution, geology, paleontology (fossil record), and time dating methods. This course may also include an optional trip to the Grand Canyon to study geological evidences supporting young-earth-creation.

**PHY144 : COLLEGE PHYSICS LAB (ELEC) HONORS 1 YEAR 1 CREDIT**  
**PREREQUISITES: BIO 101, CHM 101 & MAT112 (OR CONCURRENTLY)**  
**PLACEMENT IS BASED ON TEACHER APPROVAL.**

*This course is offered in Aug of odd years.*

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This advanced physics lab course is the equivalent of a college freshman course and explores many of the topics in the first year of physics study, but at a greatly accelerated pace. Electricity and magnetism focuses on electric fields, circuits, magnetic fields, potential and electrostatic energy, Faraday's law, Maxwell's equations. Optics and modern physics are also covered. Secular textbooks are included in the required readings. This is a grade-weighted class. Available for Dual Enrollment.

**PHY146 : COLLEGE PHYSICS LAB (MECH) HONORS**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: BIO 101, CHM 101 & MAT112 (OR CONCURRENTLY)**

**PLACEMENT IS BASED ON TEACHER APPROVAL.**

*This course is offered in Aug of even years.*

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This advanced physics lab course is the equivalent of a college freshman course and explores many of the topics in the first year of physics study, but at a greatly accelerated pace. Newtonian Mechanics focuses on kinematics, translation and rotational motion, energy, momentum, forces, springs, pulleys and rotation mechanics. Wave motion, thermal physics, and special relativity are discussed. Secular textbooks are included in the required reading. This is a grade-weighted class. Available for Dual Enrollment.

## **SOCIAL STUDIES**

Three credits of social studies are required to earn a GCHS diploma: World History/Geography, US History, and Economics/American Government. All other history classes are electives.

### **HIS109 : UNITED STATES HISTORY**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: HIS 113**

**JUNIOR REQUIREMENT**

This course examines the major issues in American history from pre-colonial exploration and settlement to the present. It discusses the underlying causes, issues, context, and key people behind significant events in the nation's development. The course emphasizes religion's vital contribution to American heritage, the Constitution, and the framework and operation of our government systems. It uses a variety of primary source documents: media, reference works, and supplemental reading assignments to evaluate both American foundational events, as well as the country's position, role, and influence in the modern-world economy and culture. This course is required for graduation.

### **HIS110A : ECONOMICS**

**1 SEMESTER 0.5 CREDIT**

**PREREQUISITES: HIS 109 OR EQUIVALENT**

**FALL SEMESTER ONLY**

**SENIOR REQUIREMENT**

This course surveys basic economic principles and how these principles work in business firms, financial markets, and government. Student teams participate in the Stock Market simulation challenge sponsored by the Arizona Council on Economic Education, and the Junior Achievement Exploring Economics and Stock Market Challenge programs. The course stresses free market ideals and Christian economic values throughout. This course is required for graduation.

### **HIS110B : AMERICAN GOVERNMENT**

**1 SEMESTER 0.5 CREDIT**

**PREREQUISITES: HIS 109 OR EQUIVALENT**

**SPRING SEMESTER ONLY**

**SENIOR REQUIREMENT**

This course traces the foundational ideas, philosophies, religious doctrines, and cultural events that culminated in a historically unique governmental proposition – the U.S. Constitution. It underscores the responsibilities of Christian citizenship within society. The course emphasizes Biblical governmental principles, the functions and interactions of the branches and levels, political parties, elections, pressure groups, citizenship, economics, and current events. The student attains a thorough, detailed understanding of the original intent of the framers for our government and contrasts it to modern interpretation and application. This course is required for graduation.

### **HIS113 : WORLD HISTORY/GEOGRAPHY**

**1 YEAR**

**1 CREDIT**

**PREREQUISITES: NONE**

**FRESHMAN REQUIREMENT**

This course is designed to provide a solid foundation in geography with a strong emphasis in world history. The course builds on the foundational knowledge of the world beginning with the introduction of medieval towns and progresses through the twentieth century, giving special emphasis to the geography and its influence on culture. Students learn to draw detailed maps of the world and continents/regions and gain knowledge of the complexity, precision, and beauty of the systems God created to sustain life on this earth, as well as advances in scientific discovery and understanding of industrial development on the ecology. The course utilizes a variety of media and reference sources. This course is required for graduation.

**HIS115 : SPEECH AND DEBATE (ELECTIVE)****1 YEAR****1 CREDIT****PREREQUISITES: NONE**

The basic skills needed to construct and deliver a variety of speeches to a live audience are introduced in this class. Students will give speeches to inform, to persuade, entertain, demonstrate, motivate, and share the Gospel. They will learn how to develop and deliver persuasive arguments using various forms of support such as statistics, quotes from experts, analogy, and personal examples as well as appeals to logic and emotion. A one-year commitment is required.

**HIS201 : COLLEGE US HISTORY (EXPLORATION – 1865) (ELECTIVE)****1 SEMESTER 0.5 CREDIT****PREREQUISITES: HIS 113 & INSTRUCTOR APPROVAL**

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This course is a survey of the key events, people and concepts critical to the development of the United States from early exploration through Reconstruction at the end of the Civil War. We will examine political, social, and cultural forces in the American experience. Topics to include Colonization, American Revolution, US Constitution, Westward Expansion and the Civil War. This is a grade-weighted class. This course is offered as dual enrollment for 3 credit hours.

**HIS202 : COLLEGE US HISTORY (1865 - PRESENT) (ELECTIVE)****1 SEMESTER 0.5 CREDIT****PREREQUISITES: HIS 113**

**Fee: This course requires additional tuition payment at the beginning of the course. (See FAQ sheet.)**

This course is a survey of the key events, people, and concepts critical to the development of the United States from 1865 to the present. We will examine political, social, and cultural forces in the American experience; Reconstruction; Westward Expansion; industrialization; political campaigns; and the wars and social revolutions of the 20th century.

Dual Enrollment US History students participate in a spring trip to the nation's capital to have first-hand experience visiting Williamsburg, the Capitol Building, the White House, Arlington National Cemetery, the Library of Congress, and the National Archives Museum. The trip is guided and planned by students as they showcase their knowledge of America's history. This is a grade-weighted class. This course is offered as dual enrollment for 3 credit hours.

**POS105 : STUDENT GOVERNMENT (ELECTIVE)****1 YEAR****1 CREDIT****PREREQUISITES: ELECTED TO OFFICE**

**ELECTED COUNCIL MEMBERS: 2 FRESHMAN REPRESENTATIVES, 2 SOPHOMORE REPRESENTATIVES, 2 JUNIOR REPRESENTATIVES, 2 SENIOR REPRESENTATIVES, STUDENT BODY PRESIDENT (SENIOR), VICE PRESIDENT (JUNIOR), SECRETARY (SOPHOMORE, JUNIOR, OR SENIOR), AND TREASURER (SOPHOMORE), EVENTS/MARKETING COORDINATOR (JUNIOR OR SENIOR). NON-ELECTED STUDENTS MAY BE CHOSEN TO PARTICIPATE AS NON-VOTING MEMBERS BY STUDENT COUNCIL.**

The Gilbert Christian High School Student Council consists of elected students representing their class to promote leadership and student participation through school activities conducted on campus. This class teaches the fundamentals of student government, which includes learning about running special events, campaigns, and voting, including marketing and funding for such events. Students also learn the operations of a constitution, term of office, bylaws, etc. In addition, students focus on the different characteristics of God and how they can be applied in student council and everyday life, as well as having a servant heart for others. Students also serve as mentors for new students at Gilbert Christian High

School. Students wishing to participate in STUCO must apply and be approved by faculty prior to be placed on the ballot.



# GILBERT CHRISTIAN SCHOOLS GOVERNING POLICY

## TOPIC: WEIGHTED GRADES COURSES

Weighted grades will be applied to the courses listed below beginning in the 2009-10 school year (unless otherwise noted).

Weighted courses transferred from accredited high schools will be awarded weighted credit only if Gilbert Christian Schools also weights that class. **Weighted grades are only granted when the student completes the entire semester; otherwise, no weighted grade point value is applied. Students transferring to GCS having taken an AP course must have taken the AP exam in order to earn weighted credit.**

Courses taken at universities, community colleges, correspondence schools, and other institutions that are not accredited high schools will not receive an additional grade point weight. It is not assumed that a community college or university course is of greater rigor and thus should carry weighted credit.

The following is a list of weighted courses currently recognized by Gilbert Christian Schools.

### COURSE NUMBER    COURSE TITLE

ENG 209	9 <sup>th</sup> Grade Honors English (starting 2011-12)
ENG 210	10 <sup>th</sup> Grade Honors English (starting 2011-12)
ENG 211	11 <sup>th</sup> Grade Honors English (starting 2011-12)
ENG 101/102	First-Year College Composition Dual Enrollment
MAT 113	Pre-Calculus
MAT 115	Calculus I (starting 2010-11)
MAT 118	Calculus II
MAT 121	Calculus III
MAT 130	College Algebra/Functions (starting 2014-15)
MAT 141	Honors Geometry
STP 101	Statistics (starting 2010-11)
BIO 140	First-Year College Biology Lab Dual Enrollment
BIO 201	College Human Anatomy & Physiology Lab
CHM 140/141	First-Year College Chemistry Lab
PHY 142/143	First-Year College Physics Lab Dual Enrollment
PSY 702	General Psychology (9 weeks) (GCU Online Course)
SOC 700	Principles of Sociology (9 weeks) (GCU Online Course)
HIS 201	College US History Dual Enrollment (semester) (Exploration – 1865)
HIS 202	College US History Dual Enrollment (semester) (1865 – present)
LAT 703	Latin 3
LAT 704	Latin 4
SPA 111	Spanish 3
SPA 112	Spanish 4
SPA 113	Spanish 5
BUS 700	Intro to Sports Management Dual Enrollment (9 weeks) (GCU Online Course)
JUS700	Intro to Justice Studies Dual Enrollment (9 weeks) (GCU Online Course)
MGT700	Intro to Management Dual Enrollment (9 weeks) (GCU Online Course)
MKT700	Principles of Marketing Dual Enrollment (9 weeks) (GCU Online Course)

Weighted Semester Grades:

A	5.0	C	3.0	F	0.0
B	4.0	D	2.0		

# Dual Enrollment FAQ's

## What is dual enrollment?

Dual Enrollment is an opportunity for eligible\* high school students to earn college credit during regular school hours at their high school. Dual Enrollment courses allow students to earn both high school and college credit for the same class. The credit earned may be used to complete an Associate's degree as well as a Bachelor's degree at a transfer university (depending on the receiving institution's requirements).

## What are some of the benefits of dual enrollment?

Dual Enrollment provides quality-learning opportunities and helps high school students prepare for college. Students experience college-level courses as the curriculum and text have been approved and the instructors certified by Arizona Christian University (ACU), Grand Canyon University (GCU), as well as Colorado Christian University (CCU). These challenging courses enhance high-level thinking skills and provide incentives to advance beyond the high school level. Best of all, the transition from high school to college begins early and occurs conveniently in a familiar, comfortable environment. Dual Enrollment is advantageous to students because it allows them to get a head start on their college courses, it may ease the transition from high school to college, and it saves parents money as the rate for Dual Enrollment tuition is much less than that paid of the full-time college student.

## How does dual enrollment affect my student when entering college?

The student who receives Dual Enrollment credit may finish college in less time by often moving ahead through the institution's degree plan at a faster rate as many of the courses can be completed while in high school. Each family should be sure to check with the institution to see if Dual Enrollment courses count against the ability to earn freshman scholarship eligibility. Most colleges will not count those courses against scholarship eligibility.

## Is there a limit to the number of dual enrollment credits my student should take?

We recommend seven credits or less per semester and that you keep the total number to less than 24, but it is up to the student and the institution where they will attend college. Any senior interested in taking an online course from GCU must commit to a minimum of two classes – one per quarter in a semester.

## What is the cost to take dual enrollment courses with ACU, GCU & CCU at GCHS?

Students taking Beginning Spanish and College US History through ACU, and/or students taking College Composition through GCU, will need to take both courses during the fall and spring semesters in order to receive one full high school credit. While earning one full high school credit, the student will earn 8 credits (Spanish and English courses) or 6 credits (history course) for the college course taken. Courses for ACU are \$100 per credit hour per semester, plus a \$10 registration fee each semester. Courses for GCU are \$52.50 per credit hour per semester.

For students taking World Religions or General Biology courses through ACU, and/or students taking College Chemistry, College Physics or math courses through CCU, these classes are over the course of the entire year. Therefore, you will need to register and pay in the fall semester. Courses for ACU are \$100 per credit hour, plus a \$10 registration fee. Courses for CCU are \$200 per course.

For students taking 8-week online dual enrollment courses through GCU, the cost is \$54.75 per credit hour, plus \$85 for e-books.

## Does my student need to take a placement exam prior to starting a dual enrollment course?

Yes, but ONLY if your child will be taking the College Composition course with GCU. The placement test is

free of charge. The placement test will be offered on campus at GCHS.

**What is the process for signing up for a dual enrollment class? Does this process happen once a year or at the beginning of each semester?**

The registration process is online. The student will receive notification that the registration period has begun. All forms are to be completed online. Registration for dual enrollment courses for College Composition (GCU), Beginning Spanish (ACU), and College US History (ACU) must be completed at the beginning of each semester, while year-long courses are completed once at the beginning of the year.

\*Students are eligible at the teacher's discretion. Students must complete all the paperwork necessary to enroll in any dual enrollment course by the deadline scheduled at the beginning of the year.