

# GILBERT CHRISTIAN SCHOOLS

Serving our Lord one student at a time



GILBERT CHRISTIAN HIGH SCHOOL

2020-2021 COURSE CATALOG

ADOPTED: DECEMBER 17, 2009  
REVISED: APRIL 27, 2020

## Table of Contents

<b>HIGH SCHOOL DIPLOMA REQUIREMENTS .....</b>	<b>2</b>
<b>GOVERNING POLICY.....</b>	<b>5</b>
<i>WEIGHTED GRADES COURSES .....</i>	<i>5</i>
<b>DUAL ENROLLMENT .....</b>	<b>7</b>
<b>ONLINE COURSE POLICY.....</b>	<b>9</b>
<b>NEW OR UPDATED COURSES FOR 2020-2021.....</b>	<b>10</b>
<b>CORE COURSES .....</b>	<b>11</b>
<i>BIBLE .....</i>	<i>12</i>
BIBLE COURSES FLOW CHART .....	13
BIBLE COURSE OFFERINGS .....	14
<i>ENGLISH.....</i>	<i>16</i>
ENGLISH COURSES FLOW CHART .....	17
ENGLISH COURSE OFFERINGS .....	18
<i>MATHEMATICS .....</i>	<i>22</i>
MATHEMATICS COURSES FLOW CHART .....	23
MATHEMATICS COURSE OFFERINGS .....	24
<i>SCIENCE.....</i>	<i>29</i>
SCIENCE COURSES FLOW CHART .....	30
SCIENCE COURSE OFFERINGS .....	31
<i>SOCIAL STUDIES .....</i>	<i>37</i>
SOCIAL STUDIES COURSES FLOW CHART .....	38
SOCIAL STUDIES COURSE OFFERINGS .....	39
<i>WORLD LANGUAGE.....</i>	<i>43</i>
WORLD LANGUAGE COURSE OFFERINGS.....	45
<b>ELECTIVE COURSES .....</b>	<b>48</b>
<i>ELECTIVE COURSE OFFERINGS.....</i>	<i>48</i>
IN CLASSROOMS .....	49
ONLINE.....	67

# **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 courses.

## **ENGLISH**

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

## **FINE ARTS**

One fine arts course is required during the four years of high school.

## **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 course 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 (2 semesters) of Gilbert Christian High School PE, for which credit is given;  
-or-
2. The physical education requirement may be met by a student's participation in a Gilbert Christian High School sports team for two seasons or outside athletic organization (pending administration approval). For the outside athletic organizations, a log of a minimum of 150 hours of participation is required. If you choose this option, no high school 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.

## **WORLD LANGUAGE**

Two high school credits of the same world language are required.

## **ELECTIVES**

Six electives are required (seven if a PE course 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.

# **GOVERNING POLICY**

## **WEIGHTED GRADES COURSES**

Weighted grades will be applied to the courses listed below beginning in the 2009-10 school year.

Weighted courses transferred from accredited high schools will be awarded weighted credit only if Gilbert Christian Schools also weights that course. Weighted grades are only granted when the student completes the entire course; 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.

<b><u>COURSE NUMBER</u></b>	<b><u>COURSE TITLE</u></b>
ENG209	9 <sup>th</sup> Grade Honors English
BIO145	College Biology Concepts Lab
ENG210	10 <sup>th</sup> Grade Honors English
ENG100	College British Literature Honors
ENG101/102	First-Year College Composition Honors
HIS215A	Honors Economics
HIS205B	College American Government
MAT113	Precalculus
MAT115	Calculus 1
MAT118	Calculus 2
MAT121	Calculus 3
MAT141	Honors Geometry
MAT142	Honors Algebra 2
STP101	Statistics

BIO104	Honors Biology Lab
CHM104	Honors Chemistry Lab
CHM140/141	College Chemistry Lab Honors
PHY144	College Physics (Mechanical) Lab Honors
PHY146	College Physics (Electrical) Lab Honors
PHY148	College Physics (Waves) Lab Honors
PSY101	General Psychology
HIS201/202	College U.S. History Honors
LAT703	Latin 3
SPA111	Spanish 3
SPA112	Spanish 4
SPA113	Spanish 5

\*\*\*All GCU Online courses are weighted.\*\*\*

Weighted Semester Grades:

A	5.0	C	3.0	F	0.0
B	4.0	D	2.0		

## **DUAL ENROLLMENT**

### **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 course. 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), Colorado Christian University (CCU), Chandler-Gilbert Community College (CGCC), and Grand Canyon University (GCU). 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. It is the student and/or family's responsibility to verify whether dual enrollment credits earned will transfer to the student's college of choice upon graduation.

### **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 courses – one per quarter in a semester.

### **What is the cost to take a dual enrollment course with Arizona Christian University, Colorado Christian University, Chandler-Gilbert Community College, and/or Grand Canyon University at Gilbert Christian High School?**

As of the revision date of this handbook, these are the costs.

For Arizona Christian University, the cost is \$195 per course with some Gilbert Christian courses counting for multiple courses at Arizona Christian.



For Colorado Christian University, the cost is a flat \$200 per course.

For Chandler-Gilbert Community College, the cost is \$86 per credit hour with a \$15 registration fee per semester.

For Grand Canyon University, the cost is \$52.50 per credit hour (up to 4 credit hours). In addition, there is an \$85 fee for the eBooks for the course and possible additional fees depending on the necessity for additional textbooks.

\*\*\*THESE COSTS ARE SUBJECT TO CHANGE YEAR TO YEAR BASED ON THE COLLEGE'S AND UNIVERSITY'S DISCRETION.\*\*\*

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

Depending on the course, the answer is yes. Your high school teacher for the dual enrollment course will let you know in advance. Placement exams are offered at the high school at the end of the previous school year and at the beginning of the current school year.

**What is the process for signing up for a dual enrollment course?**

The registration process is online for the most part, but it is determined by the college or university. Most colleges and universities have moved to completing forms online, but there are still some exceptions.

**Does this happen once a year or at the beginning of each semester?**

Registration for dual enrollment courses in general must be completed at the beginning of each semester, while the 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.

## **ONLINE COURSE POLICY**

For the 2020-2021 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 courses. Administrative approval is required for any freshman wanting to take an online course.

Students choosing to take an online course MUST be familiar with using a computer, keyboarding, email, and the internet. 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 course work. All grades will come directly from the online teacher. Since these are self-paced courses, students must demonstrate the responsibility to take a course such as this. Failure of previous courses or poor performance in an online course will preclude a student from choosing an online course 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 courses per semester (i.e., one per quarter). These courses can only be taken by students with a 3.0 GPA or better and have not failed a course. ALL online courses 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 course 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.

## **NEW OR UPDATED COURSES FOR 2020-2021**

### In-Class Instruction:

Advanced Strings

Advanced Women's Choir

Illustration 2

Intermediate Strings

### Online Instruction:

Creation and the Flood

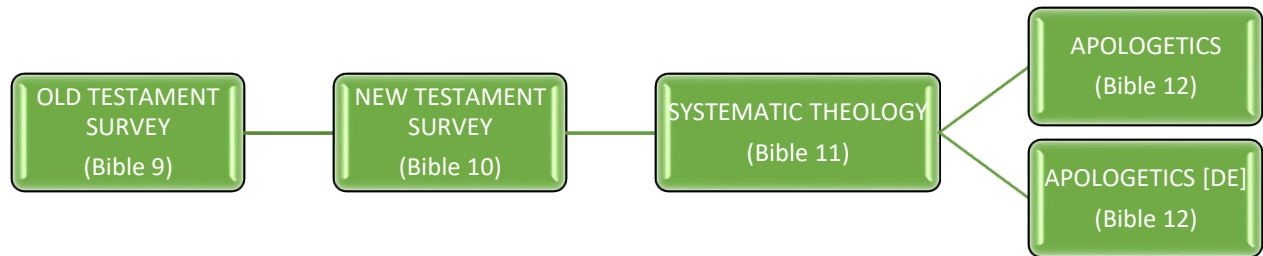
# CORE COURSES



# BIBLE



# ***BIBLE COURSES FLOW CHART***



## **BIBLE COURSE OFFERINGS**

One year of Bible is required for each year of attendance at Gilbert Christian High School.

BIBLE 109	OLD TESTAMENT SURVEY	1 YEAR	1 CREDIT
PREREQUISITE:	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.			

BIBLE 110	NEW TESTAMENT SURVEY	1 YEAR	1 CREDIT
PREREQUISITE:	BIBLE 109 OR ENTERING SOPHOMORE		
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.			

BIBLE 111	SYSTEMATIC THEOLOGY	1 YEAR	1 CREDIT
PREREQUISITE:	BIBLE 110 OR ENTERING JUNIOR		
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.			

BIBLE 112	APOLOGETICS	1 YEAR	1 CREDIT
PREREQUISITE:	BIBLE 111 OR ENTERING SENIOR		
**OPTIONAL DUAL ENROLLMENT		4 COLLEGE CREDITS	
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.			

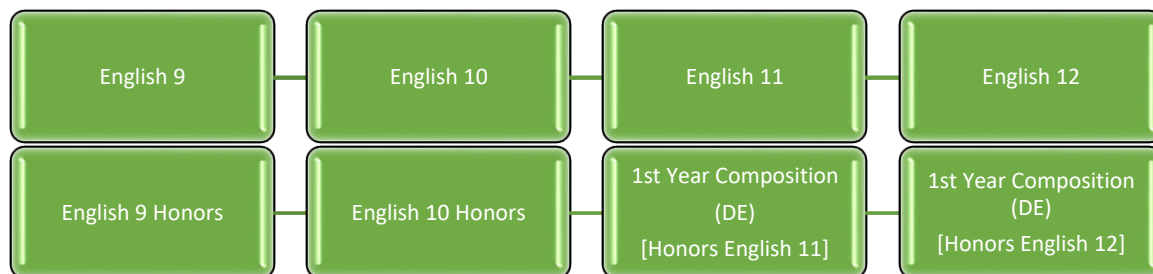




# ENGLISH



# ENGLISH COURSES FLOW CHART



## ELECTIVE(S)



## ENGLISH COURSE OFFERINGS

Four credits of English are required for a GCHS diploma.

ENG 109	9 <sup>TH</sup> GRADE ENGLISH	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>This course includes a study of well-known nineteenth and twentieth century British and American authors. Students will also explore units in Shakespeare and American 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 perform interviews with the instructor in which they demonstrate comprehension and memory of literature that they have read throughout the year.</p>			

ENG 209	9 <sup>TH</sup> GRADE HONORS ENGLISH	1 YEAR	1 CREDIT
PREREQUISITE:	TEACHER RECOMMENDATION		
<p>This course includes a literature study that spans the seventeenth through twentieth centuries, including a unit on Shakespeare. All novels are examined from a Christian worldview. Composition assignments begin preparing students for college-level writing and include argument, narrative, and analytical writings with the expectation that students will become skilled writers. In addition, the students will study and apply mechanics and grammar skills on a weekly basis, as well as learn vocabulary and etymology skills. This is a grade-weighted course.</p>			

ENG 110	10 <sup>TH</sup> GRADE ENGLISH	1 YEAR	1 CREDIT
PREREQUISITE:	ENG 109		
<p>This course covers British and American authors from the nineteenth and twentieth centuries, and also includes a unit on Shakespeare. 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 learn vocabulary and etymology skills.</p>			

ENG 210	10 <sup>TH</sup> GRADE HONORS ENGLISH	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>This course covers Shakespeare, Gothic Literature, and British and American literature, 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</p>			

study and apply mechanics and grammar skills on a weekly basis, as well as perform interviews with the instructor in which they demonstrate comprehension and memory of literature that they have read throughout the year. This is a grade-weighted course.

ENG 111	11 <sup>TH</sup> GRADE ENGLISH	1 YEAR	1 CREDIT
PREREQUISITE:	ENG 110		
<p>This course covers a wide range of literature that includes a Shakespearean play, various examples of World literature, and American literature. 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 APA 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. In addition, students will study and apply mechanics and grammar skills on a weekly basis, as well as perform interviews with the instructor in which they demonstrate comprehension and memory of literature that they have read throughout the year.</p>			

ENG 100	BRITISH LITERATURE (12 <sup>TH</sup> GRADE HONORS ENGLISH)	1 YEAR	1 CREDIT
PREREQUISITE:	ENG 101/102 OR INSTRUCTOR APPROVAL		
***NOT OFFERED DURING THE 2020-2021 SCHOOL YEAR***			
*OPTIONAL DUAL ENROLLMENT		6 COLLEGE CREDITS	
<p>This college-level course is offered for both high school and college credit. Students in this course will read challenging fiction and nonfiction texts from Christian and secular authors in the British tradition, focusing on the cultural, historical, and philosophical trends that have shaped English language and literature. Students will move beyond summarizing to evaluating and integrating other writers' work through analysis and synthesis of ideas. Writing will emphasize argumentation in literary analysis through use of effective rhetorical skills. Students will develop their Christian worldview and be able to communicate that worldview effectively as they develop college-level reading and writing skills. This is a grade-weighted course.</p>			

ENG 112	12 <sup>TH</sup> GRADE ENGLISH	1 YEAR	1 CREDIT
PREREQUISITE:	ENG 111		
<p>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.</p>			



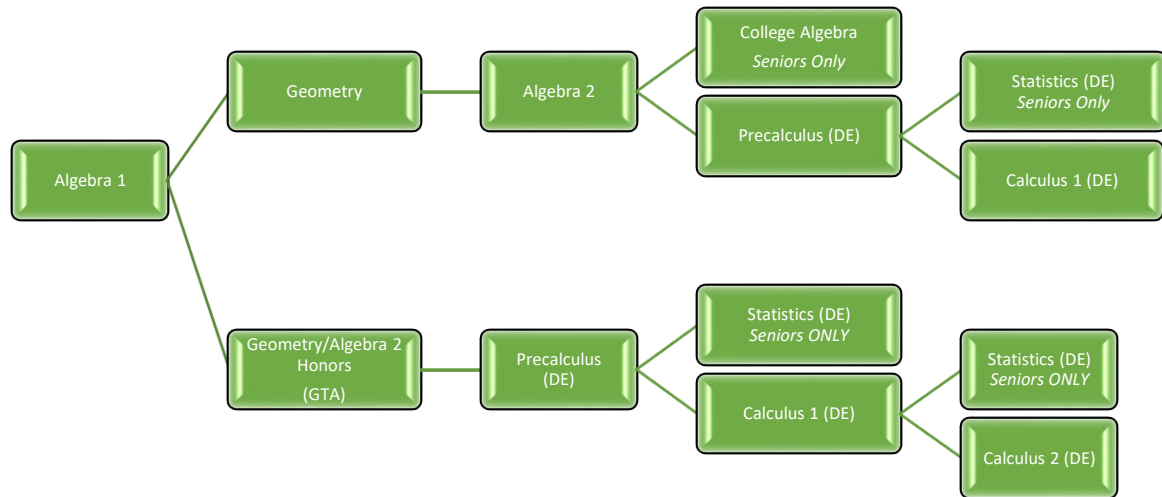
ENG 101/102	FIRST YEAR COMPOSTION (11 <sup>TH</sup> & 12 <sup>TH</sup> GRADE HONORS ENGLISH)	1 YEAR	1 CREDIT
PREREQUISITE:	ENG 100 OR INSTRUCTOR APPROVAL		
***SPECIAL FOR 2020-2021 SCHOOL YEAR***			
*OPTIONAL DUAL ENROLLMENT	6 COLLEGE CREDITS		
<p>This college-level course is offered for both high school 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 is a grade-weighted course.</p>			

ENG 120	INTERNATIONAL ENGLISH	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>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, reading, and listening skills. There is an emphasis on conversational English and learning and using English idioms and expressions, academic vocabulary, and Christian theological terms. All international students are required to enroll in this course while attending GCHS unless otherwise approved by the teacher and administration.</p>			

# MATHEMATICS



# MATHEMATICS COURSES FLOW CHART





## MATHEMATICS COURSE OFFERINGS

Four credits of mathematics are required. Transcripts, placement tests and teacher recommendations will be used to place students at appropriate levels. Students must take math all four years of high school, even if they have exceeded the credits required.

MAT 110	ALGEBRA 1	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
<p>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.</p>			

MAT 111	GEOMETRY	1 YEAR	1 CREDIT
PREREQUISITE:	MAT 110 AND/OR PLACEMENT EXAM		
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
<p>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 the course.</p>			

MAT 141	HONORS GEOMETRY	1 SEMESTER	1 CREDIT
PREREQUISITE:	MAT 110 AND/OR TEACHER RECOMMENDATION	***FALL SEMESTER***	
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
<p>This portion represents the first semester of the GTA Honors course. It will go through material twice as fast as the MAT 111 course. 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 the course. This is a grade-weighted course.</p>			
FIRST SEMESTER COURSE. MUST BE FOLLOWED BY MAT 142 SECOND SEMESTER.			



MAT 112	ALGEBRA 2	1 YEAR	1 CREDIT
PREREQUISITE:	MAT 111 AND/OR PLACEMENT EXAM		
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
<p>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.</p>			

MAT 142	HONORS ALGEBRA 2	1 SEMESTER	1 CREDIT
PREREQUISITE:	MAT 141	***SPRING SEMESTER***	
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
<p>This portion represents the second semester of the GTA Honors course. It will go through material twice as fast as the MAT 112 course. 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. This is a grade-weighted course.</p>			
FOLLOWS MAT 141 IN SECOND SEMESTER.			

MAT 113	PRECALCULUS	1 YEAR	1 CREDIT
PREREQUISITE:	MAT 112, MAT 142, OR PLACEMENT EXAM		
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
*OPTIONAL DUAL ENROLLMENT		6 COLLEGE CREDITS	
<p>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 course.</p>			

MAT 115	CALCULUS 1	1 YEAR	1 CREDIT
PREREQUISITE:	MAT 113 AND/OR PLACEMENT EXAM		
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
*OPTIONAL DUAL ENROLLMENT		4 COLLEGE CREDITS	
<p>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</p>			

applications to geometry and mechanics, the mean value theorem, and the fundamental theorem of calculus. This is a grade-weighted course.

MAT 118	CALCULUS 2	1 YEAR	1 CREDIT
PREREQUISITE:	MAT 115 AND/OR PLACEMENT EXAM		
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
*OPTIONAL DUAL ENROLLMENT		4 COLLEGE CREDITS	
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 course.			

MAT 121	CALCULUS 3	1 YEAR	1 CREDIT
PREREQUISITE:	MAT 118 AND/OR PLACEMENT EXAM		
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
*OPTIONAL DUAL ENROLLMENT		4 COLLEGE CREDITS	
***NOT OFFERED DURING THE 2020-2021 SCHOOL YEAR***			
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 course.			

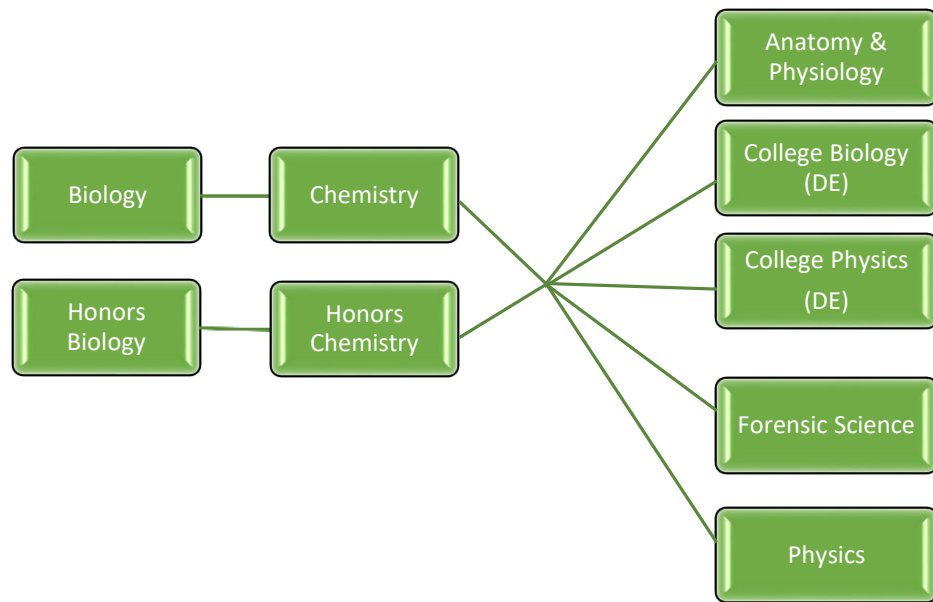
MAT 130	COLLEGE ALGEBRA (SENIORS ONLY)	1 YEAR	1 CREDIT
PREREQUISITE:	MAT 112 AND/OR PLACEMENT EXAM		
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, modeling and solving real world problems. Additional topics may include matrices, combinatorics, sequences and series, and conics.			

STP 101	MATHEMATICAL STATISTICS	1 YEAR	1 CREDIT
PREREQUISITE:	MAT 113 AND/OR PLACEMENT EXAM		
REQUIRED MATERIALS: TI-84 OR TI-NSPIRE CALCULATOR			
*OPTIONAL DUAL ENROLLMENT		3 COLLEGE CREDITS	
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 course.			

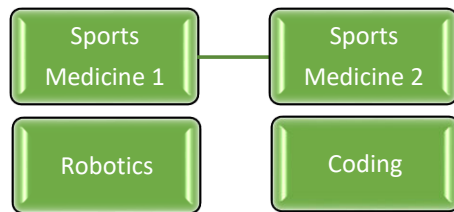
# SCIENCE



# SCIENCE COURSES FLOW CHART



## ELECTIVE(S)



## SCIENCE COURSE OFFERINGS

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

BIO 101	BIOLOGY LAB	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>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.</p>			

BIO 104	HONORS BIOLOGY LAB	1 YEAR	1 CREDIT
PREREQUISITE:	'A' OR 'B' IN ALGEBRA AND/OR SCIENCE TEACHER RECOMMENDATION		
<p>Honors Biology is the study of living organisms, their origins, how they survive, reproduce, change over time, and interact with each other and their environments. The Honors Biology curriculum is an introductory, but accelerated course taught in two semesters of the freshman year of high school. The primary objective of the course is to provide students with a fundamental understanding of modern biology and scientific processes, building a foundation for success in the college level Biology courses to follow. Course material is roughly divided as follows: 35% molecules and cells, 35% origins science, worldview and genetics, and 30% organisms and populations. Nature of science will be taught throughout the year. Honors Biology is recommended for high-achieving students and for students who have a particular interest in biology and the natural sciences. Students will be ultimately responsible for their learning; therefore, they should be organized, prepared, and motivated to learn every day. The Honors Biology curriculum differs from the regular Biology curriculum in meaningful ways. The Honors course places a higher priority on developing critical thinking skills by examining real-world problems. The Honors curriculum examines topics with more depth and includes more advanced resource material in addition to the adopted text. Laboratory investigations play a more prominent role in the Honors course. Labs are more sophisticated than in the regular curriculum and students are expected to design and carry out experiments using appropriate methods and resources. This is grade-weighted course.</p>			

BIO 102	HUMAN ANATOMY & PHYSIOLOGY LAB	1 YEAR	1 CREDIT
PREREQUISITE:	BIO 101/BIO 104 AND CHM 101/CHM 104	**JUNIORS AND SENIORS ONLY**	
<p>Study of structure and function of the human body. Topics include cells, tissues, integumentary system, skeletal system, muscular system, endocrine, digestive,</p>			



excretory, circulatory, respiratory, reproductive and nervous system. Lab work includes activities for each unit, as well as a cat dissection covering the body systems.

CHM 101	CHEMISTRY LAB	1 YEAR	1 CREDIT
PREREQUISITE:	BIO 101/BIO 104		
<p>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.</p>			

CHM 104	HONORS CHEMISTRY LAB	1 YEAR	1 CREDIT
PREREQUISITE:	MAT 112/142 and BIO 101/104		
<p>This honors 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. The Honors course places a higher priority on developing critical thinking skills by examining real-world problems. The Honors curriculum examines topics with more depth and includes more advanced resource material in addition to the adopted text. Laboratory investigations play a more prominent role in the Honors course. Labs are more sophisticated than in the regular curriculum and students are expected to design and carry out experiments using appropriate methods and resources. This is a grade-weighted course.</p>			

BIO 145	COLLEGE BIOLOGY CONCEPTS LAB	1 YEAR	1 CREDIT
PREREQUISITE:	BIO 101 OR BIO 104 AND CHM 101 OR CHM 104		
*OPTIONAL DUAL ENROLLMENT	4 COLLEGE CREDITS		
<p>College Biology Concepts Lab will be a dual enrollment course where students will investigate biological concepts at an introductory college level. As the subsequent courses to both High School Biology and Chemistry, this course will cover similar concepts in greater depth and velocity. This course will cover creation and origins science, cell theory, basics of life, cellular respiration and photosynthesis, genetics, plant biology and ecology, fungi, bacteria, and animal morphology and taxonomy. Labs will be conducted throughout the year to both learn and reinforce the topics covered. This is a grade-weighted course.</p>			

PHY 101	PHYSICS LAB	1 YEAR	1 CREDIT
PREREQUISITE:	MAT 112/142 AND/OR TEACHER RECOMMENDATION		
<p>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.</p>			

PHY 144	COLLEGE PHYSICS LAB (MECHANICAL)	1 YEAR	1 CREDIT
PREREQUISITE:	BIO 101/BIO 104, CHM 101/CHM 104, AND MAT 112/142	***FALL OF EVEN YEARS***	
*OPTIONAL DUAL ENROLLMENT		4 COLLEGE CREDITS	
<p>This advanced physics lab course is the equivalent of one college freshman course. This course includes 1D - 3D motion analysis, vectors, momentum, energy, angular momentum, forces and motion. Course will have lectures, labs and 1 semester project chosen by the student. Secular textbooks are included in the required readings. (Halliday &amp; Resnick - Physics Fundamentals) This is a grade-weighted course.</p>			

PHY 146	COLLEGE PHYSICS LAB (ELECTRICAL)	1 YEAR	1 CREDIT
PREREQUISITE:	BIO 101/BIO 104, CHM 101/CHM 104, AND MAT 112/142	***FALL OF ODD YEARS***	
*OPTIONAL DUAL ENROLLMENT		4 COLLEGE CREDITS	
<p>This advanced physics lab course is the equivalent of one college freshman course. This course includes sound waves, electric fields, electric circuits, magnetic fields, optics, nuclear reactions, and modern physics. Course will have lecture, labs and 1 semester project chosen by the student. Secular textbooks are included in the required readings. (Halliday &amp; Resnick - Physics Fundamentals) This is grade-weighted course.</p>			

PHY 148	COLLEGE PHYSICS LAB (WAVES)	1 YEAR	1 CREDIT
PREREQUISITE:	BIO 101/BIO 104, CHM 101/CHM 104, AND MAT 112/142	***FALL OF ODD YEARS***	
*OPTIONAL DUAL ENROLLMENT		4 COLLEGE CREDITS	
<p>This advanced physics lab course is the equivalent of one college freshman course. This course includes 1D - 3D motion analysis, vectors, momentum, energy, forces and motion of waves that are both longitudinal and transverse waves. Course will have lectures, labs and 1 semester project chosen by the student. Secular textbooks are included in the required readings. (Halliday &amp; Resnick - Physics Fundamentals) This is a grade-weighted course.</p>			

COD 101	CODING	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>This course covers some of the history of computers and coding/programming. Basic programming and solving skills will be the focus of this course. 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 course focuses on STEM.</p>			

FOSC 101	FORENSIC SCIENCE LAB	1 YEAR	1 CREDIT
PREREQUISITE:	BIO 101 OR BIO 104 AND CHM 101 OR CHM 104		
<p>This course examines the principles, theories, and practices of forensic science utilized within the law enforcement community and the American legal system. Forensic science is the study and application of science to the process of law and involves the collection, examination, evaluation, and interpretation of evidence. Students will gain a basic understanding of the scientific and analytical approach to determining the value of evidence as it relates to the court of law. In addition to teaching from a Christian worldview, students will evaluate the ethics and morals of forensic science and technology.</p>			

ROB 101	ROBOTICS	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>Robotics is a new and exciting course that combines building and programming into one using Tetrax 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 course focuses on STEM.</p>			

SPMED 101	SPORTS MEDICINE 1	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>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.</p>			

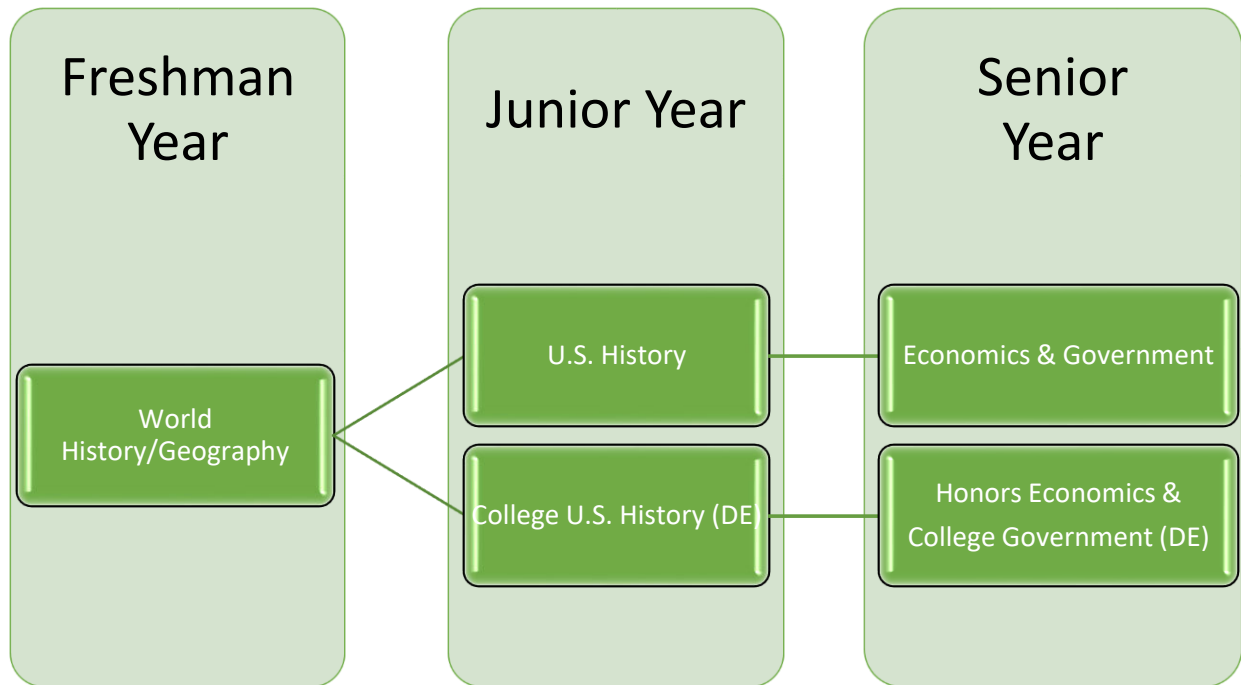
SPMED 102	SPORTS MEDICINE 2	1 YEAR	1 CREDIT
PREREQUISITE:	SPMED 101		
<p>This course provides high school students with a more in-depth and hands-on overview of athletic training and the sports medicine team. It includes introductory information about major upper and lower extremity injuries (evaluation, treatment, and rehab), nutrition, the psychological components, and emergency injury management. This course will follow more of an internship format allowing students to work directly</p>			

with the athletic trainer and with certain sports teams on a daily basis. Students will get to practice their lab skills (taping, stretching, modalities) under the direct supervision of a certified athletic trainer. This course provides an opportunity for students to fully understand different sports medicine careers.

# SOCIAL STUDIES



# ***SOCIAL STUDIES COURSES FLOW CHART***



## **ELECTIVE(S)**

STUCO  
(Student Council)

Speech and  
Debate

## **SOCIAL STUDIES COURSE OFFERINGS**

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

HIS 113	WORLD HISTORY/GEOGRAPHY	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>Functioning from a Christian worldview, this course examines the major issues in Western &amp; Non-Western World history from prehistoric times, progressing to the birth of civilizations and up thorough the Modern Era. It discusses the underlying causes, issues, context, and key people behind significant events in our world's development. The course emphasizes God's sovereign plan and religion's vital contribution to the human experience. Our survey will also examine the physical and cultural geography of Earth. It utilizes a variety of media, reference works, and supplemental reading assignments to evaluate concepts such as religion, exploration, imperialism and industrialism so that students will understand how and why the world functions in the present day.</p>			

HIS 109	UNITED STATES HISTORY	1 YEAR	1 CREDIT
PREREQUISITE:	HIS 113		
<p>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.</p>			

HIS 201/202	COLLEGE UNITED STATES HISTORY	1 YEAR	1 CREDIT
PREREQUISITE:	HIS 113 AND/OR TEACHER RECOMMENDATION		
*OPTIONAL DUAL ENROLLMENT		8 COLLEGE CREDITS	
<p>This course, currently offered through Arizona Christian University, is a survey of the key events, people and concepts critical to the development of the United States. The first semester covers the timeframe from early exploration through the Civil War. The second semester covers the timeframe from Reconstruction to the present. We will examine political, social, and cultural forces in the American experience. Topics to include Colonization, American Revolution, US Constitution, Westward Expansion, the Civil War, industrialization, political campaigns, and social revolutions of the 20th century. In addition, the students will have one book to read, and organize in class discussions, in each quarter. This is a grade-weighted course.</p>			

HIS 110A	ECONOMICS	1 SEMESTER	0.5 CREDITS
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PREREQUISITE:	HIS 113 and HIS 109 or 201/202	<b>**FALL SEMESTER**</b>	
<p>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.</p>			
HIS 215A	HONORS ECONOMICS	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	HIS 113 AND HIS 109 OR 201/202	<b>**FALL SEMESTER**</b>	
<p>This course explores the fundamental economic question of the behavior of consumers, firms, and markets under the constrictions of scarcity. Topics covered include supply and demand analysis, determination of market prices, profit maximizing output, distribution of income, Gross Domestic Product, and fiscal and monetary policy. The course is a very interactive, seminar style, discussion-based course, utilizing the Socratic method. Students will gain experience in the critical assessment of primary sources, as well as sharpening skills in organize data and concepts from readings and discussion. A variety of assessments are used when compiling student grades including: projects, debates, class participation, tests, quizzes, reports, simulations, and a final exam/project. 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. In all, this course moves through information at a level that is a reflective of collegiate expectations. This is a grade-weighted course.</p>			

HIS 110B	AMERICAN GOVERNMENT	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	HIS 110A	<b>**SPRING SEMESTER**</b>	
<p>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.</p>			

HIS 205B	COLLEGE AMERICAN GOVERNMENT	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	HIS 205A	**SPRING SEMESTER**	
*OPTIONAL DUAL ENROLLMENT		4 COLLEGE CREDITS	
<p>This course explores the structure, dynamics and processes of the American system of government, providing a comprehensive introduction to the origins and development of ideas and institutions that influence the contemporary political milieu. The course examines the development and composition of the Declaration of Independence, the United States Constitution, the three branches of government, political parties, and interest groups within the framework of the historical, economic and social context. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. The course is a very interactive, seminar style, discussion-based course, utilizing the Socratic method. Students will gain experience in the critical assessment of primary sources, as well as sharpening skills in organize data and concepts from readings and discussion. A variety of assessments are used when compiling student grades including: projects, debates, class participation, tests, quizzes, reports, simulations, and a final exam/project. In all, this course moves through information at a level that is a reflective of collegiate expectations. This is a grade-weighted course.</p>			

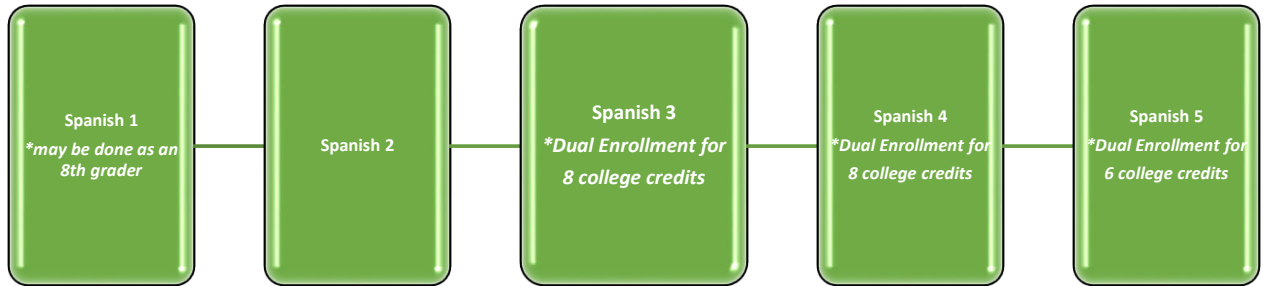
HIS 115	SPEECH AND DEBATE (ELECTIVE)	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>The basic skills needed to construct and deliver a variety of speeches to a live audience are introduced in this course. Students will give speeches to inform, to persuade, entertain, demonstrate, motivate, and share the Gospel. 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.</p>			

POS 105	STUDENT COUNCIL (ELECTIVE)	1 YEAR	1 CREDIT
PREREQUISITE:	ELECTED TO OFFICE		
<p>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 course 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</p>			

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

# WORLD LANGUAGE





## WORLD LANGUAGE COURSE OFFERINGS

Two credits of the same world language are required.

SPA 109	SPANISH 1	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>¡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.</p>			

SPA 110	SPANISH 2	1 YEAR	1 CREDIT
PREREQUISITE:	SPA 109		
<p>¡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 world love and understanding of Spanish-speaking peoples and equip the students to speak and interact with Spanish speakers.</p>			

SPA 111	SPANISH 3 (ELECTIVE)	1 YEAR	1 CREDIT
PREREQUISITE:	SPA 110		
*OPTIONAL DUAL ENROLLMENT		8 COLLEGE CREDITS	
<p>¡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. We emphasize speaking Spanish in conversation. We learn the key 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 course.</p>			

SPA 112	SPANISH 4 (ELECTIVE)	1 YEAR	1 CREDIT
PREREQUISITE:	SPA 111		
*OPTIONAL DUAL ENROLLMENT		8 COLLEGE CREDITS	
<p>¡Adelante! 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 course.</p>			



SPA 113	SPANISH 5 (ELECTIVE)	1 YEAR	1 CREDIT
PREREQUISITE:	SPA 112		
*OPTIONAL DUAL ENROLLMENT		6 COLLEGE CREDITS	
<p>Advanced Spanish Language and 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 course.</p>			

LAT 701	LATIN 1	1 YEAR	1 CREDIT
PREREQUISITE:	NONE	**ONLINE**	
<p>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. A sound foundation in English Grammar skills is necessary to understand and perform well in this class.</p>			

LAT 702	LATIN 2	1 YEAR	1 CREDIT
PREREQUISITE:	LATIN 701	**ONLINE**	
<p>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.</p>			

LAT 703	LATIN 3 (ELECTIVE)	1 YEAR	1 CREDIT
PREREQUISITE:	LATIN 702	**ONLINE**	
<p>Reading classical Latin is interesting and fun! Students will be introduced to "real" Latin from authors like Cicero, Ovid, and Horace. They will discover how much they have retained of the Latin language and how easily they can sight-read some of the most famous pieces of ancient literature. This is a grade-weighted course.</p>			



# ELECTIVE COURSES



## ELECTIVE COURSE OFFERINGS

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

### IN CLASSROOMS

LIF 101	12 <sup>TH</sup> GRADE INTERNSHIP	1 SEMESTER	0.5 CREDIT
PREREQUISITE:	ADMINISTRATIVE APPROVAL	SPRING SEMESTER	
***CAN BE YEAR-LONG WITH ADMINISTRATIVE APPROVAL***			
<p>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.</p>			

LIF 104	LIFE APPLICATIONS	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
***OPEN TO JUNIORS AND SENIORS ONLY***			
<p>This course is designed to help students through the three stages of college/career development: <b>self-discovery, college exploration, scholarship submissions, and basic life skills including legal exploration.</b> This course will also include college applications and essay writing experience. College or university representatives from across the country will be available for question and answer times as well as to present their respective colleges or universities. Students will learn about current career trends and will research career occupations based on their interests and assessment results.            *** Juniors who take this course will be eligible to do the internship for 1 year as a Senior.</p>			

LEAD 101	GC Leadership Institute (GCLi)	1 YEAR	1 CREDIT
PREREQUISITE:	Cumulative GPA of 3.0 or higher		
***NOT OFFERED DURING THE 2020-2021 SCHOOL YEAR***			
***OPEN TO JUNIORS AND SENIORS ONLY***			
<p>GCLi is a fast-paced Leadership Training Program that will prepare students for future leadership opportunities. It will reveal your strengths as a leader and how to develop them further. You will have hands-on training through service opportunities, guest speakers, leadership books, strength finders, and conversations with peers. We want to give every student at Gilbert Christian the opportunity to become a successful servant leader who will change the world in ways that reflect God’s character and influence.</p>			



## FINE ARTS

ART 101	INTRO TO ART (ART 1)	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>Based on the premise that everyone can learn to draw well in a very short time, this course introduces five basic perceptual skills necessary for drawing: the perception of edges and contours, space (positive &amp; negative), relationships (perspective &amp; proportion), light and shadows, and unified composition. This course 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 &amp; dark, space, shape/form/mass, line, texture, and color.</p> <p>Once the core perceptual drawing skills are learned, the course begins to explore basic techniques &amp; drawing media such as graphite, charcoal, pen &amp; ink, mixed media collage, watercolor and acrylic painting. Various drawing techniques and other materials are introduced. This course ends with an introductory painting unit demonstrating basic color concepts.</p>			

ART 104	CREATIVE DESIGN 1	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>This art course 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.</p> <p>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.</p> <p>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 course lessons.</p>			

ART 202	ART 2	1 YEAR	1 CREDIT
PREREQUISITE:	INSTRUCTOR APPROVAL OR 'A' IN ART 101		
<p>This course builds on the students' drawing and painting skills gained from the previous Art II course. 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 and techniques while applying previously introduced fundamental concepts and elements of visual art.</p> <p>This course includes drawing with graphite, charcoal, pen and 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.</p>			

ART 204	CREATIVE DESIGN 2	1 YEAR	1 CREDIT
PREREQUISITE:	INSTRUCTOR APPROVAL OR 'A' IN ART 104		
<p>This art course 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.</p> <p>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.</p> <p>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 course lessons.</p>			

ART 303	ART 3	1 YEAR	1 CREDIT
PREREQUISITE:	INSTRUCTOR APPROVAL OR 'A' IN ART 202		
<p>This course builds on the students' drawing and painting skills gained from the previous Art II course. 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 and techniques while applying previously introduced fundamental concepts and elements of visual art.</p> <p>This course includes drawing with graphite, charcoal, pen and 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.</p>			

ART 304	CREATIVE DESIGN 3	1 YEAR	1 CREDIT
PREREQUISITE:	INSTRUCTOR APPROVAL OR 'A' IN ART 204		
<p>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: handmade Book Design, Product/Package Design, Typography &amp; Lettering, Graphic Design, Ceramics, Assemblage, Printmaking, Painting, and Sculpture.</p> <p>1st 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 and paint on wood panel and paper. Projects are often derived from biblical passages, literature, and architecture as a guide and inspiration to creating a series of compositions and design projects.</p> <p>The 2nd 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. This class is based on biblical principles and concepts that are foundational and integrated into each lesson.</p>			

ART 105	INTRO TO ILLUSTRATION	1 YEAR	1 CREDIT
PREREQUISITE:	ART 101		
<p>This course introduces students to visual communication and the imaginative interpretation of themes and texts through illustrative drawing, painting, digital art, and mixed media projects. Various art materials and media will be employed such as pencil, colored pencil, pastel, ink, watercolor, gouache, acrylic, collage, and digital media. During the course, students will have the opportunity to explore figure drawing, narrative and editorial illustration, fictional character creation, sequential art, illuminated manuscript page design, product design, and book cover design as a part of learning and implementing a wide variety of illustration techniques. The history and artwork of various prominent illustrators will be referred to throughout the course. Sketchbooks will be provided and be utilized to enhance technical skills, expression, and imagination, and to encourage creative thinking and problem solving. Some idea-development, lettering, and penmanship exercises and projects may be included in the sketchbooks. This class is based on biblical principles and concepts that are foundational and integrated into each lesson.</p>			

ART 205	ILLUSTRATION 2	1 YEAR	1 CREDIT
PREREQUISITE:	ART 105		
<p>This course continues to explore and develop an understanding of visual language and compositional structure using the essential elements and principles of design. It provides an introduction to color theory and application in visual communication and the imaginative interpretation of themes and texts through illustrative drawing, painting, digital art, and mixed media projects. Various art materials and media will be employed such as pencil, colored pencil, pastel, ink, watercolor, gouache, acrylic, collage, and digital media. Illustration students will experiment with a variety of media, tools, and substrates and explore possibilities of illustration in black and white, color, and in wet and dry mediums to develop perceptual abilities, sensitivity to color, and compositional ideas. Black- and-white and color media will be employed to form clear concepts and give expression to the single-image story with an emphasis on picture-making procedures, from concept development to finished art. During the course, students will have the opportunity to further explore figure drawing, narrative, editorial, book illustration, fictional character creation, sequential art, illuminated manuscript page design, product design, and book cover design as a part of learning and implementing a wide variety of illustration techniques. The history and artwork of various prominent illustrators will be referred to throughout the course. Sketchbooks will be provided and be utilized to develop independent voice in illustration and to enhance technical skills, expression, and imagination, and to encourage creative thinking and problem solving in the creative process. Idea-development, lettering, and penmanship exercises and projects may be included in the sketch books. This class is based on biblical principles and concepts that are foundational and integrated into each lesson.</p>			

ART 103	YEARBOOK	1 YEAR	1 CREDIT
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PREREQUISITE:	INTERVIEW AND TEACHER APPROVAL		
***OPEN TO SOPHOMORES, JUNIORS, AND SENIORS ONLY***			
<p>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. A significant amount of time is required outside of the classroom for this course.</p>			

BAND 101	BEGINNING BAND	1 YEAR	1 CREDIT
PREREQUISITE:	NONE (PREVIOUS EXPERIENCE RECOMMENDED)		
REQUIRED EQUIPMENT:	THIS COURSE REQUIRES THE STUDENT TO RENT OR OWN HIS/HER INSTRUMENT.		
<p>This course reinforces and develops the concepts of instrument-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 course credit. A one-year commitment is required for this course. This course may be repeated for credit.</p>			

BAND 110	DRUMLINE	1 YEAR	1 CREDIT
PREREQUISITE:	NONE (PREVIOUS EXPERIENCE RECOMMENDED)		
***NOT OFFERED DURING THE 2020-2021 SCHOOL YEAR***			
REQUIRED EQUIPMENT:	THIS COURSE REQUIRES THE STUDENT TO RENT OR OWN HIS/HER PERCUSSION INSTRUMENT.		
<p>The Drumline is an auditioned group for the advanced drummer/percussionist. Students will explore the various styles of percussion literature as well as develop skills with all percussion instruments and settings. This class will focus on the Drumline, but also teach technical abilities in all areas of percussion music. This class will provide performance opportunities for the student in a variety of settings. As a member of the band program, group effort (teamwork) and cooperation are necessary to a successful program. Students will learn to work in a team environment as young musicians. To successfully play the drums is a skilled effort in which each student is expected to display technical and musical growth in the application of understanding throughout this course. As a performing ensemble, all students</p>			



will be expected to attend all required concerts and performances. A one-year commitment is required for this course. This course may be repeated for credit.

GTR 101	BEGINNING GUITAR	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
REQUIRED EQUIPMENT:	THIS COURSE REQUIRES THE STUDENT TO RENT OR OWN HIS/HER OWN STEEL STRING ACOUSTIC GUITAR. (NO ELECTRIC GUITARS)		
<p>Learn to play the guitar! In these lessons, you will build basic guitar skills step-by-step with the help of hands-on exercises and audio and video recordings. First, you will get to know all the parts of your guitar--from frets to strings--and learn how to tune your instrument. You will explore the fundamentals of music notation and find out how to produce clear, beautiful notes and chords. You will also discover how to control your rhythm, tempo, and volume, and how to express yourself artistically. The guitar skills you'll master in this course will allow you to play the praise and worship music that you love! Good guitar players know that the secret to making beautiful music is to practice, practice, practice—so that is what you will do. You will follow a planned practice schedule that reinforces each new skill you learn. By the time you are finished, you will be well on your way to becoming a skilled guitar player. A one-year commitment is required for this course.</p>			

GTR 102	ADVANCED GUITAR	1 YEAR	1 CREDIT
PREREQUISITE:	GTR 101 OR TEACHER APPROVAL		
REQUIRED EQUIPMENT:	THIS COURSE REQUIRES THE STUDENT TO RENT OR OWN HIS/HER OWN STEEL STRING ACOUSTIC GUITAR. (NO ELECTRIC GUITARS)		
<p>Play the guitar at a higher level! In these lessons, you will advance your guitar skills step-by-step with the help of hands-on exercises and audio and video recordings. You will dive deeper into the fundamentals of music notation and find out how to produce clear, beautiful notes and chords. You will also advance in your knowledge of how to control your rhythm, tempo, and volume, and how to express yourself artistically. The guitar skills you'll master in this course will allow you to play the praise and worship music that you love! Good guitar players know that the secret to making beautiful music is to practice, practice, practice—so that is what you will do. You will follow a planned practice schedule that reinforces each new skill you learn. By the time you are finished, you will be well on your way to becoming a skilled guitar player. A one-year commitment is required for this course.</p>			

MUP 109	CONCERT CHOIR	1 YEAR	1 CREDIT
PREREQUISITE:	AUDITION ONLY		
<p>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-</p>			

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 course may be repeated for credit.

MUP 110	HIGH SCHOOL CHORALE	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>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 course may be repeated for credit.</p>			

MUP 112	WOMEN'S CHORALE	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>Women's Chorale is a non-auditioned, full-year women's 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 course may be repeated for credit.</p>			

MUP 113	ADVANCED WOMEN'S CHORALE	1 YEAR	1 CREDIT
PREREQUISITE:	AUDITION ONLY		

Advanced Women’s Chorale is an auditioned, full-year women’s choral ensemble open to high school students with a limited musical or choral background. The course of study consists of advanced 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 course may be repeated for credit.

MUP 101	WORSHIP TEAM	1 YEAR	1 CREDIT
PREREQUISITE:	AUDITION ONLY		
<p>The primary goal of the worship team is to lead the student body by example in and outside of the worship experience. As Scripture states (Ps. 34:1, Ps. 113:3, Heb. 13:15, etc.), we are to worship God, giving thanks and praise to Him, continuously throughout each day. Worshipping as a student body should simply be a more focused and intentional form of this, whereby we expel all external influences for the sake of praising our God. This class is designed to cultivate this in each of the worship team members. Additionally, it is designed to equip each of the students with the practical skills necessary to cultivate a worship setting free from distractions and in which God is the focus. Some practical skills emphasized in this course include the ability to read music, transposing music so that it conforms to the comfort level of those being led in worship, instruction and practice in vocal and instrumental performance, selection and vetting of worship setlists, and best practices for leading others in worship. This course comes with a commitment to actively participate in the worship team in chapels.</p>			

VID 101	VIDEO PRODUCTION	1 YEAR	1 CREDIT
PREREQUISITE:	INSTRUCTOR INTERVIEW		
***OPEN TO SOPHOMORES, JUNIORS, AND SENIORS ONLY***			
<p>Video production is an introductory class designed to provide students with artistic, creative and historical backgrounds in the fields of video, broadcasting, and field production. In addition, this course provides instruction and training in pre-production, production and postproduction phases of project development. Students who are interested in a career in entertainment production have opportunities to explore the many jobs involved in the making of such productions. Students in this class will also be responsible for the production of the Knight News Video announcements. The course will cover in-studio and on-location video production. Students will learn techniques in audio recording, studio lighting, camera operation, video editing, video graphics, and special effects. Instruction will include conducting on-camera interviews,</p>			

covering sporting events, producing news programs, marketing productions for GCS, and independent projects. A computer application will be used that is in line with current industry standards. For the production of Knight News Video Announcements, students can choose an emphasis in technical production, reporting or both.

THE 109	THEATRE	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>This course is an introduction to basic acting, utilizing the book <i>The Stage and the School</i> 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/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 course are strongly encouraged, though not required, to participate in the two extra-curricular, full length productions. This course may be repeated for credit.</p>			

STR 110	INTERMEDIATE STRINGS	1 YEAR	1 CREDIT
PREREQUISITE:	NONE (PREVIOUS EXPERIENCE REQUIRED)		
REQUIRED EQUIPMENT:	THIS COURSE REQUIRES THE STUDENT TO RENT OR OWN HIS/HER OWN VIOLIN, VIOLA, CELLO, OR BASS.		
<p>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 course credit. A one-year commitment is required for this course. This course may be repeated for credit.</p>			

STR 112	ADVANCED STRINGS	1 YEAR	1 CREDIT
PREREQUISITE:	STR 110 OR TEACHER APPROVAL		
REQUIRED EQUIPMENT:	THIS COURSE REQUIRES THE STUDENT TO RENT OR OWN HIS/HER OWN VIOLIN, VIOLA, CELLO, OR BASS.		
<p>This course advances 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</p>			

required for at least four performances per year for course credit. A one-year commitment is required for this course. This course may be repeated for credit.

KEY 101	BEGINNING KEYBOARDING (PIANO)	1 YEAR	1 CREDIT
PREREQUISITE:	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.)		
<p>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.</p>			

KEY 102	ADVANCED KEYBOARDING (PIANO)	1 YEAR	1 CREDIT
PREREQUISITE:	KEY 101 OR TEACHER APPROVAL		
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.)		
<p>This course is designed to be a place for students to advance their piano playing skills from whatever level they are currently on. Emphasis is on independent study under guidance. Students will regularly perform for each other as well as participate in an off campus performance. This course may be repeated for credit.</p>			

## 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 (2 semesters) of Gilbert Christian High School PE, for which credit is given;  
-or-
2. The physical education requirement may be met by a student's participation in a Gilbert Christian High School sports team for two seasons or outside athletic organization (pending administration approval). For the outside athletic organizations, a log of a minimum of 150 hours of participation is required. If you choose this option, no high school credit is given.

PPE 109	LIFETIME SPORTS	1 YEAR	1 CREDIT
PREREQUISITE:	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 course may be repeated for credit.			

PPE 111	STRENGTH TRAINING	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
This course 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 course may be repeated for credit.			

PPE 113	INDEPENDENT STUDY PE	1 YEAR	1 CREDIT
PREREQUISITE:	ADMINISTRATION APPROVAL		
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. A log sheet is due every three weeks. Students are also required to submit both short and long-term goals that have been discussed with their certified trainer. The students must complete a minimum of 90 hours of training per semester to receive an "A" grade. This course is available 1 <sup>st</sup> and 7 <sup>th</sup> period, and the students must receive prior approval from administration to enroll. This course may be repeated for credit.			

PPE 116	DANCE	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>This course is designed as a physical education dance class with an enrollment option to earn performing art credit. The curriculum emphasis is on movement skills and 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 Scripture.</p> <p>Various dance styles, including jazz, lyrical, contemporary, ballet basics, hip-hop, expressive sign language, 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 for P.E. credit* are 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.</p> <p><b>*Performing Art Credit Option:</b> Students desiring to earn a performing art credit in lieu of the physical education credit for their participation have the option to do so. In addition to the requirements outlined in the PPE116 syllabus, the student agrees to meet the criteria listed below. A contract reflecting the student's agreement and commitment to comply with these requirements must be signed by the student, parent, teacher and principal in order to qualify.</p> <ol style="list-style-type: none"> <li>1. Student must participate in a minimum of one performance opportunity during each semester in conjunction with what is made available through the class. Options currently include S.A.L.T. at the Agritopia Campus, National Day of Prayer at Agritopia &amp; Greenfield, and/or other K-8 chapel opportunities.</li> <li>2. Student must attend a minimum of one dance performance outside of GCS for the purpose of completing a provided evaluation in consideration of the movement skills, elements of dance, performance values, and effectiveness of costume/set elements of the dances viewed.</li> </ol>			

PPE 117	BODY FIT – ADVANCED FITNESS	1 YEAR	1 CREDIT
PREREQUISITE:	NONE	<b>**WOMEN ONLY**</b>	
<p>This course 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</p>			

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. This course may be repeated for credit.



## SCIENCE

COD 101	CODING	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>This course covers some of the history of computers and coding/programming. Basic programming and solving skills will be the focus of this course. 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 course focuses on STEM.</p>			

ROB 101	ROBOTICS	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>Robotics is a new and exciting course that combines building and programming into one using Tetrax 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 course focuses on STEM.</p>			

SPMED 101	SPORTS MEDICINE 1	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>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.</p>			

SPMED 102	SPORTS MEDICINE 2	1 YEAR	1 CREDIT
PREREQUISITE:	SPMED 101		
<p>This course provides high school students with a more in-depth and hands-on overview of athletic training and the sports medicine team. It includes introductory information about major upper and lower extremity injuries (evaluation, treatment, and rehab), nutrition, the psychological components, and emergency injury management. This course will follow more of an internship format allowing students to work directly with the athletic trainer and with certain sports teams on a daily basis. Students will get to practice their lab skills (taping, stretching, modalities) under the direct supervision of a certified athletic trainer. This course provides an opportunity for students to fully understand different sports medicine careers.</p>			

## SOCIAL STUDIES

HIS 115	SPEECH AND DEBATE	1 YEAR	1 CREDIT
PREREQUISITE:	NONE		
<p>The basic skills needed to construct and deliver a variety of speeches to a live audience are introduced in this course. 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.</p>			

POS 105	STUDENT COUNCIL	1 YEAR	1 CREDIT
PREREQUISITE:	ELECTED TO OFFICE		
<p>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 course 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.</p>			

## WORLD LANGUAGE

SPA 111	SPANISH 3	1 YEAR	1 CREDIT
PREREQUISITE:	SPA 110		
*OPTIONAL DUAL ENROLLMENT		8 COLLEGE CREDITS	
<p>¡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. We emphasize speaking Spanish in conversation. We learn the key 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 course.</p>			

SPA 112	SPANISH 4	1 YEAR	1 CREDIT
PREREQUISITE:	SPA 111		
*OPTIONAL DUAL ENROLLMENT		8 COLLEGE CREDITS	
<p>¡Adelante! 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</p>			

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 course.

SPA 113	SPANISH 5	1 YEAR	1 CREDIT
PREREQUISITE:	SPA 112		
*OPTIONAL DUAL ENROLLMENT		8 COLLEGE CREDITS	
<p>Advanced Spanish Language and 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 course.</p>			

## **ONLINE**

### **COLLEGE/CAREER PREPARATION**

LIF 700	LIFE SKILLS/PERSONAL DEVELOPMENT	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	NONE	**ONLINE**	
<p>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.</p>			

## **FINE ARTS**

CIS 703	DIGITAL PHOTOGRAPHY	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	NONE	**ONLINE**	
REQUIRED EQUIPMENT:	ACCESS TO HIS/HER OWN DIGITAL CAMERA OF 2 MEGAPIXELS OR MORE, WITH A MINIMUM 3X ZOOM LENS.		
<p>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.</p>			

## **SCIENCE**

MED 700	INTRO TO MEDICAL TERMS	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	NONE	**ONLINE**	
<p>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.</p>			



SCI 700	CREATION AND THE FLOOD	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	NONE	**ONLINE**	
<p>This Bible centric creation science course is focused on exploring scientific evidence that supports the literal six-day creation interpretation of Genesis chapter one, as well as the global flood of Noah. Students will explore recent scientific evidence in biology, cosmology, and geology which supports young-earth creation (6 to 10 thousand years ago).</p>			

## WORLD LANGUAGE

LAT 701	LATIN 1	1 YEAR	1 CREDIT
PREREQUISITE:	NONE	**ONLINE**	
<p>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. A sound foundation in English Grammar skills is necessary to understand and perform well in this class.</p>			

LAT 702	LATIN 2	1 YEAR	1 CREDIT
PREREQUISITE:	NONE	**ONLINE**	
<p>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.</p>			

LAT 703	LATIN 3	1 YEAR	1 CREDIT
PREREQUISITE:	NONE	**ONLINE**	
<p>Reading classical Latin is interesting and fun! Students will be introduced to "real" Latin from authors like Cicero, Ovid, and Horace. They will discover how much they have retained of the Latin language and how easily they can sight-read some of the most famous pieces of ancient literature. This is a grade-weighted course.</p>			

## MISCELLANEOUS ONLINE

CIS 704	INTRO TO COMPUTER TECHNOLOGY	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	NONE	**ONLINE**	
<p>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.</p>			

CIS 714	INTRO TO WEB DESIGN	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	NONE	**ONLINE**	
<p>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 &amp; Flash. Students will also be introduced to popular content management systems such as Joomla and WordPress.</p>			

HLTH 700	HEALTH (ELECTIVE)	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	NONE	**ONLINE**	
<p>***ONLINE FEE: STUDENTS ARE REQUIRED TO RECEIVE CERTIFICATION IN CPR, WHICH MAY BE OBTAINED FROM COMMUNITY RESOURCES FOR A NOMINAL FEE.</p>			
<p>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.</p>			

BUS 101	INTRO TO BUSINESS	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	NONE	**ONLINE**	
<p>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.</p>			

MKT 101	INTRO TO MARKETING	1 SEMESTER	0.5 CREDITS
PREREQUISITE:	NONE	**ONLINE**	

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.



## **GRAND CANYON UNIVERSITY**

Grand Canyon University is constantly updating the courses available online for dual enrollment. Please visit the following [link](#) to see the most up-to-date course listings ([GCU Dual Enrollment Courses](#))

Juniors and seniors (with Administrator approval) may take a dual enrollment, online course through Grand Canyon University. However, he/she must commit to 2 courses 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.