



CHARLOTTE
CHRISTIAN
SCHOOL
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2016-17 COURSE CURRICULUM GUIDE

Upper School

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updated as of 2.1.16

Mission

Charlotte Christian School is a Christ-centered, college preparatory school, equipping and developing students to effectively integrate Biblical truth and learning into their daily lives and to impact the culture for Christ.

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Charlotte Christian

Philosophy

Philosophy

The goal of Charlotte Christian School is to equip students academically, spiritually, socially and physically to maximize their God-given talents. Charlotte Christian differentiates itself as a college preparatory school committed to the oneness of Christ and scholarly excellence. The Christian identity of the school provides a strong foundation for, and lends distinctiveness to, its academics, athletics, arts and co-curricular activities. This foundation builds on the following principles:

- All truth and knowledge come from God.
- The rigorous pursuit of knowledge is scholarship.
- Scholarship develops exceptional thinkers and learners.
- Exceptional thinkers and learners exemplify academic excellence.
- Academic excellence grounded in God's truth leads to wisdom.
- Wisdom in God's truth leads to discernment.
- Discernment prepares students to impact the culture for Christ.

The Four Cs of a 21st Century Learner:

- Collaboration
- Communication
- Creativity
- Critical Thinking



Upper School

The upper school provides a college preparatory education of the highest caliber and desires to equip students to be extraordinary thinkers and Christ-honoring decision makers. A diverse array of academic, athletic and fine arts programs, and co-curricular activities encourage students to maximize their God-given talents.

2016-17 Upper School Course Requirements by Grade

(Please note that specific course placement/selection is done on an individual basis,
tailored to each student's interests and strengths.)

The upper school provides a college preparatory education of the highest caliber and desires to equip students to be extraordinary thinkers and Christ-honoring decision makers. A diverse array of academics, athletics, fine arts, and co-curricular activities encourage students to maximize their God-given talents.

Grade 9

- Old Testament Survey
- English 9 or English 9 Honors
- Ancient Civilizations
- Conceptual Physics or Biology Honors
- Algebra I or Geometry/Geometry Honors or Algebra II Honors
- World Languages I or World Languages II
- Lifetime Fitness 9
- J-Term selection
- Elective(s)

Grade 10

- New Testament Survey
- English 10 or English 10 Honors
- United States History or US History Honors or United States History Advanced Placement
- Conceptual Physics or Biology/Biology Honors or Chemistry Honors
- Geometry/Geometry Honors or Algebra II/Algebra II Honors or Pre-Calculus Honors or Appropriate Math
- World Languages II or World Languages III
- J-Term selection
- Electives

Grade 11

- Christian Theology and World Religions
- English 11 or English 11 Honors or Language and Composition Advanced Placement
- American Government & Economics or American Government & Economics Honors or US Government & Politics Advanced Placement
- Algebra II or upper level math
- Chemistry/Chemistry Honors or Physics Honors or upper level science or 500 Level science*
- World Languages III or World Languages IV
- One semester of Junior Seminar
- J-Term selection
- Electives

Grade 12

- Christian Philosophy and Apologetics
- English 12 or English 12 Honors or Literature and Composition Advanced Placement
- Western Civilization or Western Civilization Honors or European History Advanced Placement
- Upper level math or 500 Level math*
- J-Term selection
- Electives

*500 Level classes are college level classes which include: Advanced Placement courses, Calculus III Honors & College Psychology

Important Registration Considerations

ACADEMIC COURSE SELECTION

As a college preparatory school, our students are expected to take a rigorous class load. We are confident of their desires to take full advantage of the wide array of curricular and co-curricular offerings available at school. An important question that needs to be asked, however, is “How much of a course load is too much?” In asking this question it is recognized that a student’s course load will be affected by a variety of factors including: graduation requirements, grade level, personal interests and aptitudes, co-curricular involvements, future goals and aspirations, as well as commitments outside of school.

While colleges do show preference to students who challenge themselves academically by taking extra or advanced courses when they are qualified, experience shows that overextending can clearly have adverse consequences, be they academic, emotional, spiritual, or social. This is an area where the biblical principle of learning to count the cost (Luke 14:28-32) truly applies.

If a student qualifies for an Honors course, that does not mean that it is always in their best interest enroll in that course. We encourage consideration all of the aforementioned factors before making a decision as to a specific course load. Our general experienced recommendation would be that students not take more than two or three such courses in a given year. Additionally, since all our courses are planned as “college prep,” we have found that colleges generally respond more favorably to a B grade earned in a lower level course, than a C grade earned in a more rigorous course.

It should also be noted that as a school we are not always able to accommodate requested schedule changes from students who, against school recommendation, find themselves overwhelmed, and grades earned in these instances remain on the academic transcript.

We are thankful for the variety of academic and co-curricular offerings that we are able provide at Charlotte Christian. Please use this guide, along with our teachers and counselors, as a resource to map your academic track.

REGARDING COURSE AVAILABILITY

It should be noted that final determination as to whether a course is actually offered during any academic year will be made by the administration based upon: degree of interest, staffing, and scheduling conflicts.

SUPPLEMENTAL COURSEWORK GRADES 9-12

All coursework required for graduation must be taken at Charlotte Christian School while the student is enrolled. A student may wish to take a course outside of Charlotte Christian School to supplement their academic experience. Only under extenuating circumstances determined by administration will off campus course work be allowed to meet a graduation requirement. Such work will be recorded on the student’s Charlotte Christian transcript to reflect credit earned only (non-designated grade), unless the coursework is required to meet a Charlotte Christian School graduation requirement AND is pre-approved by upper school administration.

Upper School

Course Registration Process

COURSE RECOMMENDATIONS

January: Departments follow placement criteria to recommend core classes for rising students.

Note: Department placement criteria are available in this guide and on the Charlotte Christian School website.

COURSE REQUESTS

February: Students select elective courses with guidance from counselors.

Note: Before student course selections are officially considered, 2016-17 Enrollment Agreement and fees must be submitted to the Charlotte Christian School Business Office by Feb. 26, 2016.

SELECTION AGREEMENT OR SECONDARY REPLACEMENT REVIEW

- Parents approve and return course requests/recommendations.
- If students would like their course placement to be reviewed at the end of the year, they may submit a Secondary Review form from the counseling center.
- Students who submit a Secondary Review form will meet with the assistant principal of academics and the academic counselor.

MASTER SCHEDULE ARRANGEMENT

March-May: The master schedule is created.

COURSE REGISTRATION

May-June: Secondary Review decisions will be decided and communicated with students

- Course placement will be reviewed at the end of second semester.
- Students who have fallen below prerequisite for placement are moved to appropriate course for final placement in second semester.
- Students are officially registered in classes.
- Class schedules are generated.

SCHEDULE AVAILABILITY

July: Class schedules are provided to students prior to the beginning of the school year.

SCHEDULE CHANGES

August: Students may request schedule changes before classes begin until the end of the first week of each semester. Following this “drop/add” period students may make formal requests to the academic committee in the event of extenuating circumstances only.

Graduation Requirements

Classes of 2017, 2018, 2019, and 2020

Explanation of Graduation Requirements

These requirements and explanations are designed for students who attend upper school at Charlotte Christian all four years. Students are required to complete a full academic load each year they are enrolled at Charlotte Christian School. Students transferring into Charlotte Christian School after the ninth grade may have their graduation requirements modified per administrative approval.

Bible

Students must complete a Bible class each year they are enrolled at Charlotte Christian School. If a student is admitted as a senior, they will be required to complete both Junior and Senior Bible.

English

Students must complete one credit each of grade 9, 10, 11, and 12 English.

Mathematics

Students must complete at least four credits which must minimally include Algebra I, Algebra II, Geometry, and one course beyond Algebra II.

Science

Students must complete at least three credits which must include: Biology/Biology Honors; Chemistry/Chemistry Honors; and Conceptual Physics/Physics Honors/Physics Advanced Placement. It is strongly recommended that students take a fourth year of science.

Social Studies

Beginning with the classes of 2020, students must complete at least 4.0 credits (class of 2017, 2018, and 2019 complete 3.5) required in social studies which include: Ancient Civilizations; US History/US History Honors/US History Advanced Placement; American Government & Economics/American Government & Economics Honors/US Government & Politics Advanced Placement; and Western Civilization/Western Civilization Honors or European History Advanced Placement.

Fine Arts

Students must complete one credit of a fine arts elective.

January Term

Each upper school student is required to earn a .25 J-Term credit per year as a graduation requirement (beginning with the class of 2017). All morning and afternoon courses receive an eighth of a semester credit (.125) per year, while full day courses and trips receive a quarter of a semester credit (.25). Charlotte Christian students are required to carry their minimum regular credit load for both first and second semesters in addition to their J-Term credits.

Junior Seminar

This one semester required course is designed to support students as they prepare for the transition to successful academic, social, and spiritual experiences in college.

Physical Education

All students must take Lifetime Fitness 9 and an additional .5 credit of elective physical education (i.e. weight training or participate for two seasons of any interscholastic sport).

Speech

This requirement may be met by taking any of the following courses: Intro to Acting, Intermediate Acting, Intro to Public Speaking, Logic and Debate, Vocal Workshop, or Honors Acting Studio.

World Languages

Students may meet the world language requirement in one of three ways:

1. Complete three units of the same language while in upper school.
2. Complete two units of the same language and one unit of another language while in upper school.
3. On the recommendation of the middle school world language teacher, enter the second or third level of a world language in ninth grade and meet the world language requirement upon completion of the third level.

Please note: Although the world language requirement will be satisfied upon completion of the third level, the student must accrue the 27 units necessary for graduation by earning more elective credits. For highly selective college placement, it is strongly recommended that students take the fourth and Advanced Placement levels of the world language.

Upper School

Course	Units for Class of 2017-19	Units for Class of 2020
Biblical Studies	4	4
English	4	4
Mathematics	4	4
Social Studies	3.5	4
Science	3	3
Fine Arts	1	1
Physical Education	1	1
January Term [^]	1	1
Junior Seminar	0.5	0.5
Speech	0.5	0.5
World Languages	3	3
Electives	1.5	1
Total Unit Requirements	27	27

Academic Conservatory Program

Charlotte Christian School recognizes that students are gifted in a variety of areas, including academics, athletics, fine arts, or spiritual life. The Academic Conservatory Program provides a special opportunity for students in academics, fine arts or ministry.

Students may graduate with distinction in:

- I. Bible, Philosophy and Religion
- II. English
- III. Fine Arts
- IV. Humanities
- V. Math/Science
- VI. Social Studies
- VII. World Languages

This distinction will be recognized on students' diplomas and transcripts, and they will be recognized at graduation. More importantly, students will be encouraged and stretched to take the area that they are passionate about beyond the four walls of the classroom. Application, admission and additional graduation requirements for these programs are determined by individual departments.

Students interested in this distinction, should read the information below and contact Mrs. Amanda Poole, assistant principal of academics. Students do not have to apply to be considered for this program; however, they must have departmental approval of competitions and internships. Documentation regarding all extension work (including internship, summer studies, study abroad, awards and honors) must be included. Extra documentation may be provided throughout the year, but the minimum requirements must be in process and documented by the September deadline.

If students desire to have conservatory distinction listed on their transcripts during the college application process, they must submit all required documents, including a "Verification of Distinction" before Sept. 15 of their senior year. Seniors must submit applications and all supporting documentation before Jan. 31 of their senior year to be recognized at commencement.

Academic Conservatory Program

Bible, Philosophy and Religion Distinction

In order for a Charlotte Christian student to graduate with a distinction in Bible, Philosophy and Religion the student is required to:

1. Have an overall GPA of a minimum of a 3.0 (weighted).
2. Have an overall Bible GPA of 4.0 (weighted).
3. Demonstrate active participation in a local church congregation.
4. Watch a live Apologetics debate and write a summary paper.
5. Participate in a minimum of TWO of the following:
 - Complete service hours related to a Christian ministry (60 hours).
 - Participate in two mission trips.
 - Attend a minimum of a multi-day spiritual conference (not a retreat).
 - Read two books selected by the student and the Bible department. A short summary paper and discussion with the Bible department will be expected.
 - Lead a small group in Bible study (at church or at school, CELL group).

English Distinction

In order for a Charlotte Christian student to graduate with a distinction in English/Social Studies, the student is required to:

1. Take a minimum of one English 500 Level class.
2. Have an overall GPA of a minimum of a 4.0 (weighted).
3. Have an overall English GPA of 5.0 (weighted).
4. Participate in a minimum of TWO of the following:
 - Peer tutor for English (minimum of 60 hours).
 - Attend a weeklong English camp from an accredited school, college or university.
 - Submit a minimum of two writings in approved competition(s).
 - Complete an approved internship with a professional who utilizes English expertise (40 hours minimum).
 - A minimum of two year participation with school publications.

Fine Arts Distinction

In order for a Charlotte Christian student to graduate with a distinction in Fine Arts, the following general requirements should be met:

1. Have an overall 3.0 GPA with no ensemble grades lower than an A.
2. 60 hours private lessons/studio time/tutoring/etc.
If you wish to book these private lessons/tutoring through Charlotte Christian, there is an approved list available online. All approved private lesson teachers and tutors have submitted to the Charlotte Christian School application process and have undergone background checks. Any private lessons/tutoring via these approved teachers must take place on campus unless permission is received via the Conservatory Review Committee and the Charlotte Christian School Business Office.
3. 30 hours summer program/internship/study abroad/coursework at a college or university or work with an

outside performance group. This can include Charlotte Christian summer camps, college camp offerings, professional theatres, community or church ensembles, youth organizations.

4. 30 hours competitions/honors programs/clinics/workshops/outside performance or exhibit attendance with formal critiques. These hours must be obtained outside of class requirements.
5. 60 hours fine arts service
6. Enrolled in a total of eight fine arts courses, with a minimum of one per semester per academic year.

If a student's concentration is in music, one course in their area of study is required all four years. If a student's concentration is in visual arts, one course in their area of concentration is required all four years. If a student's concentration is in theatre, one course in their area of concentration is required all four years. This course requirement may also be fulfilled through independent study application or through a Charlotte Christian summer camp for academic credit.

Humanities Distinction

In order for a Charlotte Christian student to graduate with a distinction in Humanities, the student is required to:

1. Take a minimum of one English 500 level class.
2. Take a minimum of one Social Studies 500 level classes.
3. Complete a minimum of Level IV of a World Language class.
4. Have an overall GPA of a minimum of a 4.0 (weighted).
5. Have an overall Humanities course GPA of 5.0 (weighted), and a minimum 90% final grade in all Bible classes.
6. Demonstrate active participation in a local church congregation.
7. Watch a live Apologetics debate and write a summary paper.
8. Participate in a minimum of ONE of the following:
 - Complete service hours related to a Christian ministry (60 hours).
 - Participate in a minimum of two mission trips.
 - Attend a minimum of a multi-day spiritual conference (not a retreat).
 - Read two books selected by the student and the Bible department. A short summary paper and discussion with the Bible department will be expected.
 - Lead a small group in Bible study (at church or at school, CELL group).
9. Participate in a minimum of ONE of the following:
 - Peer tutor for English (minimum 60 hours).
 - Attend a weeklong English camp from an accredited school, college, or university.
 - Submit a minimum of two writings in an approved competition(s).
 - Complete an approved internship with a professional who utilizes English expertise (40 hours minimum).
 - A minimum of two year participation with school publications.

10. Participate in a minimum of ONE of the following:
 - Peer tutor for social studies (60 hours).
 - Attend a minimum of a weeklong social studies camp from an accredited school, college or university.
 - Attend Harvard Model Congress.
 - Attend American Legion Boys State or American Legion Auxiliary Girls State.
 - Complete an approved internship with a professional who utilizes social studies expertise (40 hours minimum).
11. Participate in a minimum of ONE of the following:
 - Peer tutor for a the World Language being studied (60 hours).
 - Serve a short term mission trip in an area whose principle language is the one being studied.
 - Complete an approved internship with a local organization whose primary language is the language being studied (40 hours minimum).
 - Produce a publication for a local organization whose principle language is the one being studied.
 - Participate in an extended immersion experience (short term study abroad with homestay, immersion experience).

Math/Science Distinction

In order for a Charlotte Christian student to graduate with a distinction in Mathematics and Science, the student is required to:

1. Take two Science 500 Level classes.
2. Take Calculus A/B or B/C Advanced Placement and one math class above this level.
3. Have an overall GPA of a minimum of a 4.0 (weighted).
4. Have an overall math and science GPA of 5.0 (weighted).
5. Participate in a minimum of TWO of the following:
 - Peer tutor for math or science (60 hours).
 - Attend a minimum of a weeklong math or science camp from an accredited school, college or university.
 - Compete in an approved national competition in math or science (research project, essay, etc – a competition that just requires one day involvement will not meet this requirement).
 - Complete an approved internship (40 hours minimum) with a local scientist, researcher, mathematician, etc.

Social Studies Distinction

In order for a Charlotte Christian student to graduate with a distinction in Social Studies, the student is required to:

1. Take a minimum of two Social Studies 500 Level classes
2. Have an overall GPA of a minimum of a 4.0 (weighted)
3. Have an overall social studies GPA of 5.0 (weighted)
4. Participate in a minimum of TWO of the following:
 - Peer tutor for social studies (60 hours)
 - Attend a minimum of a weeklong social studies camp from an accredited school, college or university.
 - Attend Harvard Model Congress.
 - Attend American Legion Boys State or American Legion Auxiliary Girls State.
 - Complete an approved internship (40 hours minimum) with a professional who utilizes social studies expertise.

World Languages Distinction

In order for a Charlotte Christian student to graduate with a distinction in World Languages, the student is required to:

1. Complete Level IV of a World Language, and take a World Language every year.
2. Have an overall GPA of a minimum of a 4.0 (weighted).
3. Have an overall World Languages GPA of 5.0 (weighted).
4. Participate in a minimum of TWO of the following:
 - Peer tutor for the World Language being studied (60 hours).
 - Serve a short term mission trip in an area whose principle language is the one being studied.
 - Complete an approved internship (40 hours minimum) with a local organization whose primary language is the one being studied.
 - Produce a publication for a local organization whose principle language is the one being studied.
 - Participate in an extended immersion experience (short term study abroad with homestay, immersion experience).

Academic Conservatory Program

US Placement Criteria - English

Grade 9	Grade 10	Grade 11	Grade 12
<p>English 9 Prerequisite is successful completion of English 8</p> <p>or</p> <p>English 9 Honors Prerequisite minimum of 97% in 8th grade Language Arts</p>	<p>English 10 Prerequisite is successful completion of English 9 or English 9 Honors</p> <p>or</p> <p>English 10 Honors Prerequisite minimum of 97% in English 9, 85% in English 9 Honors</p>	<p>English 11 Prerequisite is successful completion of English 10 or English 10 Honors</p> <p>or</p> <p>English 11 Honors Prerequisite minimum of 97% in English 10, 85% in English 10 Honors</p> <p>or</p> <p>Language and Composition AP Prerequisite minimum of 97% in English 10 Honors and submission of writing sample for review</p>	<p>English 12 Prerequisite is successful completion of English 11 or English 11 Honors</p> <p>or</p> <p>English 12 Honors Prerequisite minimum of 97% in English 11, 85% in English 11 Honors</p> <p>or</p> <p>Literature and Composition AP Prerequisite minimum of a 97% in English 11 Honors, or minimum of 85% in Language and Composition AP, and submission of writing sample for review.</p>

Other criteria include ERB, WrAP, PSAT scores; demonstrated work ethic; critical thinking and writing skills improvements via writing folders; possible writing sample; and department recommendation.

ENGLISH 9

English 9 focuses on developing critical thinking, reading comprehension, and writing skills. Students analyze short stories, novels, poetry, and drama as they build their understanding of literary structure, style, and meaning. They continue refinement of writing skills through multiple literary analysis papers and expand these analytical abilities by consulting nonfiction resources to write a research paper. Students build vocabulary skills through the study of prefixes, suffixes, roots, analogies, and words in context. In grammar, they review parts of speech and sentence structure, focusing on skills for effective communication.

Prerequisite: English 8 • 1 credit

ENGLISH 9 HONORS

English 9 Honors differs from English 9 in the intensity and depth of study. Students read more independently, complete more writing assignments and demonstrate mastery of abstract concepts. Students receive an extra quality point.

Prerequisite: 97% year end grade in English 8 • 1 credit

ENGLISH 10

English 10 builds on foundations of composition, literary analysis, vocabulary and critical thinking. As students encounter prose, poetry and drama from the major literary periods, they consider style and theme from a Biblical perspective and within the context of the writer's life and times. They prove, practice and further develop their ability to write clearly and effectively. Vocabulary study concentrates on building skills related to college entrance exams.

Prerequisite: English 9 or English 9 Honors • 1 credit

ENGLISH 10 HONORS

English 10 Honors differs from English 10 in the intensity and depth of study. Students read more independently, complete more complex writing assignments and demonstrate mastery of abstract concepts. Students receive an extra quality point.

Prerequisite: 97% year end grade in English 9 or 85% year end grade in English 9 Honors and departmental approval • 1 credit

ENGLISH 11

A junior class where students will examine ancient and modern literary works from China, Japan, India, the Middle East, South America, Western Africa, Europe (mainly Eastern), and native cultures. Students will develop critical reading and analytical skills as they explore novels, plays, dramas, poems, short stories, and essays. Particular attention is given to improving writing skills. Vocabulary and grammar study continue to emphasize correct application of words in various contexts.

Prerequisite: English 10 or 10 Honors • 1 credit

ENGLISH 11 HONORS

This course differs from English 11 in the intensity and depth of study. Students will also connect how religions, geography, politics and history influence global literature. Students read more works independently, complete more complex writing assignments, and demonstrate greater fluency in critical reasoning and expression. A strong emphasis is placed on preparing students for college-level reasoning and writing. Students receive an extra quality point.

Prerequisite: 97% year end grade in English 10 or 85% year end grade in English 10 Honors and departmental approval • 1 credit

ENGLISH 12

The objective of this class is to develop the reading and writing skills of students while exposing them to a wide variety of American, British, and European literature. We concentrate on analyzing and interpreting literature by doing “close readings.” Additionally, by improving writing skills, such as prewriting, drafting and editing techniques, and refining English language usage skills, such as learning and using correct grammar, spelling, punctuation and vocabulary, we will have the necessary tools to successfully transition to a college environment. Units of study are divided by genres: poetry, short stories, novels and plays. Analysis will be done from a biblical perspective.

Prerequisite: English 11 or 11 Honors or AP Language and Composition • 1 credit

ENGLISH 12 HONORS

The objective of this class is to develop the reading and writing skills of students while exposing them to a wide variety of American, British, and European literature. We concentrate on analyzing and interpreting literature by doing “close readings.” Additionally, by improving writing skills, such as prewriting, drafting and editing techniques, and refining English language usage skills, such as learning and using correct grammar, spelling, punctuation and vocabulary, we will have the necessary tools to successfully transition to a college environment. Units of study are divided by genres: poetry, short stories, novels and plays. Analysis will be done from a biblical perspective. English 12 H differs from English 12 in the intensity and depth of study. Students read more works in class and independently, complete more complex writing assignments, and demonstrate greater fluency in critical reasoning and expression.

Prerequisite: 97% year end grade in English 11 or 85% year end grade in English 11 Honors and departmental approval • 1 credit

LANGUAGE AND COMPOSITION ADVANCED PLACEMENT

Language and Composition Advanced Placement focuses on written analysis of how a writer’s style produces meaning and on written preparation of a logical, well-supported argument. Rhetorical elements of style studied include diction, detail, figurative language, syntax and organization. Timed writing assignments and essay revisions are performed frequently. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam.

Prerequisites: 97% year end grade in English 10 Honors with departmental approval and submission of writing sample for review • 1 credit

LITERATURE AND COMPOSITION ADVANCED PLACEMENT

Literature and Composition Advanced Placement is a college-level course designed to prepare students for writing in college across all curriculums, as well as for taking the Literature and Composition Advanced Placement Exam in May. This course follows the curriculum requirements as set forth by College Board. The reading selections and writing assignments are rich, diverse, and challenging; the pace of the class is intense. Students will concentrate on the analysis of literature by doing “close readings” and developing other skills necessary for the exam. In addition, the literary analysis will look at style and structure and a writer’s diction, imagery, use of detail, language and syntax and to what effect.

Prerequisite: 97% year end grade in English 11 Honors, or 85% year end grade in Language and Composition Advanced Placement, departmental approval, and submission of writing sample for review. Available to seniors. • 1 credit

English

US Placement Criteria - Math

Math Department

For placement of grade 8 students into upper school levels:

For placement of an eighth grade student into an honors math class, the student must have a year-end grade of 93% or above in the designated prerequisite class and departmental approval*

Grade 8 or 9	Grade 8, 9, or 10	Grade 9, 10 or 11	Grade 10, 11 or 12	Grade 11 or 12	Grade 12
Algebra I Prerequisite is successful completion of Pre-Algebra	Geometry Prerequisite minimum of 70% in Algebra I or Geometry Honors Prerequisite minimum of 93% in Algebra I	Algebra II Prerequisite minimum of 70% in Algebra I or Algebra II/ Trigonometry Honors Prerequisite minimum of 93% in Algebra I, a minimum of a 93% in Geometry and take an assesment test or a minimum of an 85% in Geometry Honors	Adv. Functions and Modeling Prerequisite minimum of 70% in Algebra II or Pre-Calculus Prerequisite minimum of 93% in Algebra II or Pre-Cal Honors Prerequisite 93% in Adv. Functions or 85% in Algebra II Honors	Probability, Statistics and Finite Prerequisite minimum of 70% in Advanced Functions or Algebra II Honors	Calculus III Honors Prerequisite completion of Calculus BC AP
				Calculus AB AP or BC AP or Statistics AP Prerequisite minimum of 85% in Pre-Cal Honors	

* Students may start the math sequence in middle school, such as Algebra I, but four math credits are still required to be earned in the upper school.

Placement into an honors course is dependent on the following criteria:

1. A grade of 85% or above in the designated prerequisite honors class or an 93% in a college prep class.
2. Departmental approval.

Placement into an AP or other 500 Level course is dependent on the following criteria:

1. A grade of 85% or above in the designated prerequisite honors math class.
2. Evaluation/Permission from 500 Level teacher.
3. Departmental approval.*

*Grades, effort, maturity, responsibility, consistency, critical thinking and study skills are considered as well as relevant standardized test scores.

ALGEBRA I

Algebra I reviews pre-algebra skills and introduces the following algebraic topics: operations with integers, functions, and their graphs, solving equations and inequalities, graphing and writing linear equations, solving systems of equations and inequalities, quadratic equations and functions, exponents and exponential functions, right triangles, radical and rational expressions, and polynomials. Problem-solving strategies are incorporated throughout the course.

Prerequisite: Grade of 70% in Pre-Algebra and/or departmental approval • 1 credit

GEOMETRY

Geometry provides a thorough introduction to classical Euclidean geometry and emphasizes the deductive reasoning process. The course includes a study of lines, angles, triangles, circles, polygons, solid figures and how they are related. It uses the concepts of coordinate geometry, congruence, similarity, area, volume, and transformations to analyze the different topics in a more hands-on approach to geometry.

Prerequisite: Grade of 70% in Algebra I and departmental approval • 1 credit

GEOMETRY HONORS

Geometry Honors provides a thorough introduction to classical Euclidean geometry and emphasizes the deductive reasoning process. The course includes a study of lines, angles, triangles, circles, polygons, solid figures and how they are related. It uses the concepts of coordinate geometry, congruence, similarity, area, volume, and transformations to analyze the topics in a more formal, proof-centered approach to geometry. Students receive an additional quality point.

Prerequisite: Grade of 93% in Algebra I and departmental approval • 1 credit

ALGEBRA II

Algebra II is the study of the real number system with an emphasis on functions and their properties. The following topics are covered: models, functions, permutations, linear systems and relationships, matrices, quadratic relations and functions, polynomial functions, exponential and logarithmic functions, rational functions, periodic functions and introductory trigonometric concepts. Problem-solving strategies and appropriate technology are incorporated throughout the course.

Prerequisite: Grade of 70% in Algebra I and or departmental approval • 1 credit

ALGEBRA II & TRIGONOMETRY HONORS

Algebra II Honors is a fast-paced class that prepares students for Pre-Calculus and covers the same material as Algebra II with the addition of the following topics: trigonometry, translating functions, reciprocal functions, identities, equations, Law of Sines and Law of Cosines. Problem-solving strategies and appropriate technology are incorporated throughout the course. Students will receive an additional quality point.

Prerequisite: Grade of 93% in Algebra I; Grade of 93% in Geometry and take assessment test or grade of 85% in Geometry Honors; and departmental approval • 1 credit

ADVANCED FUNCTIONS & MODELING

Advanced Functions and Modeling is for students who have completed Algebra II. This course provides further development of modeling and applying functions. The following functions are included: linear, polynomial, exponential, trigonometric, power, logarithmic, along with sequences and series. Appropriate technology is included in the course.

Prerequisite: Grade of 70% in Algebra II and/or departmental approval • 1 credit

PROBABILITY, STATISTICS & FINITE MATHEMATICS

This course provides a study of contemporary and traditional mathematics that includes probability, statistics, sequences and series, logic, matrices, graph theory, financial mathematics, number systems and other finite math topics. Appropriate technology is included in this course.

Prerequisite: Grade of 70% or higher in Advanced Functions and Modeling or Algebra II Honors • 1 credit

PRE-CALCULUS

Pre-Calculus covers the topics of a freshman year college algebra course. Students receive an in-depth study of functions including polynomial, power, rational, exponential, logistic, logarithmic, and trigonometric functions. Also included is a study of analytic trigonometry, vectors, parametric and polar equations, analytic geometry and discrete mathematics.

Prerequisite: Grade of 93% in Algebra II and/or departmental approval • 1 credit

PRE-CALCULUS HONORS

Pre-Calculus Honors prepares students for AP Calculus. The following topics are included: graphing families of functions, polynomial, power, rational, exponential, logistic, logarithmic and trigonometric functions, analytic trigonometry, vectors, parametric and polar equations, analytic geometry, and an introduction to limits. Appropriate technology is included in this course. Students receive an extra quality point.

Prerequisite: Grade of 93% in Advanced Functions & Modeling or grade of 85% in Algebra II Honors and/or departmental approval • 1 credit

CALCULUS AB ADVANCED PLACEMENT

Calculus AB Advanced Placement is a college level course for students planning to pursue a college major requiring extended use of mathematics. The following topics are included: calculating derivatives, uses of the derivative, and using integrals to find area, volume and arc length. This course closely follows AP curriculum and gives students an opportunity to earn college credit while still in upper school. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam. This AP Calculus course is single-blocked.

Prerequisite: Grade of 85% in Pre-Calculus Honors, evaluation and/or departmental approval • 1 credit

CALCULUS BC ADVANCED PLACEMENT

Calculus AB/BC Advanced Placement is a college level course for students planning to pursue a college major requiring extended use of mathematics. The following topics are included: calculating derivatives, uses of the derivative, and using integrals to find area, volume and arc length. This course closely follows AP curriculum and gives students an opportunity to earn college credit while still in upper school. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam. This AP Calculus course is double-blocked.

Prerequisite: Grade of 85% in Pre-Calculus Honors, evaluation and/or departmental approval • 1 credit

STATISTICS ADVANCED PLACEMENT

Statistics Advanced Placement examines and simulates probability distributions in order to predict and estimate future events. Students investigate ways to analyze the relationship between two or more variables through the concepts of correlation and regression. Using a graphing calculator, students discover and understand concepts algebraically, graphically and numerically, as the AP exam requires. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam.

Prerequisite: Grade of 85% in Pre-Calculus Honors, evaluation or departmental approval • 1 credit

CALCULUS III HONORS

Calculus III Honors follows Calculus Advanced Placement and includes the study of multivariable functions, vector-valued functions in plane and space, curvature, double and triple integrals, vector analysis, differential equations and other advanced math topics. This is a 500 Level class where students receive two extra quality points.

Prerequisite: Calculus Advanced Placement and/or departmental approval • 1 credit

US Placement Criteria - Science

Grade 9	Grade 10	Grade 11	Grade 12
<p style="text-align: center;">Conceptual Physics Prerequisite is successful completion of Grade 8 Earth Science</p> <p style="text-align: center;">or</p> <p style="text-align: center;">Biology Honors Prerequisite minimum of 93% in Earth Science and Honors Math Level</p>	<p style="text-align: center;">Conceptual Physics Prerequisite is successful completion of Grade 9 Science</p> <p style="text-align: center;">or</p> <p style="text-align: center;">Biology Prerequisite is Conceptual Physics</p> <p style="text-align: center;">or</p> <p style="text-align: center;">Biology Honors Prerequisite minimum of 93% in Conceptual Physics and Honors Math Level</p> <p style="text-align: center;">or</p> <p style="text-align: center;">Chemistry Honors Prerequisite minimum of 85% in Biology Honors and Honors Math Level</p>	<p style="text-align: center;">Chemistry Prerequisite successful completion of Conceptual Physics & Biology & concurrent enrollment in Algebra II</p> <p style="text-align: center;">or</p> <p style="text-align: center;">Chemistry Honors Prerequisite minimum of 93% in Biology and Honors Math Level</p> <p style="text-align: center;">or</p> <p style="text-align: center;">Physics Honors Prerequisite minimum of 85% in Algebra II/Trig Honors or 93% in Advanced Functions; and minimum of 85% in Chemistry Honors or minimum of 93% or above in Chemistry</p> <p style="text-align: center;">or</p> <p style="text-align: center;">Physics C - Mechanics AP Prerequisites: If completed Honors Physics with 85% or higher, must also have 85% in Chemistry Honors and 85% in Pre-Calculus Honors. If no prior Physics class taken, must have 93% in Chemistry Honors and 93% in Pre-Calculus Honors.</p>	<p style="text-align: center;">Astronomy Prerequisite successful completion of Biology, Chemistry, and Algebra II</p> <p style="text-align: center;">Anatomy and Physiology Prerequisite successful completion of Biology and Chemistry</p> <p style="text-align: center;">Environmental Science AP Prerequisite minimum of 85% in Biology and Chemistry</p> <p style="text-align: center;">Chemistry AP Prerequisite minimum of 93% in Chemistry Honors, 85% in Physics Honors or Physics C AP</p> <p style="text-align: center;">Physics C - Mechanics AP Prerequisites: If completed Honors Physics or AP Physics I with 85% or higher, must also have 85% in Chemistry Honors and 85% in Pre-Calculus Honors. If no prior Physics class taken, must have 93% in Chemistry Honors and 93% in Pre-Calculus Honors.</p>

* Please note the progression of science classes is linked to math placement and may vary.

* Upper school requires three science credits for graduation: a physical science, biology and chemistry. The fourth year is optional but strongly encouraged.

* Grades, effort, maturity, responsibility, consistency, reading comprehension, critical thinking, and study skills are considered as well as relevant standardized test scores.

CONCEPTUAL PHYSICS

Conceptual Physics provides students a general overview of physics. Students learn the basic principles of Newtonian Mechanics including motion, acceleration, forces, momentum, and energy, as well as the fundamental principles of electricity, magnetism, light and sound. The course is highly experiential, with an emphasis on hands-on laboratory work. The course stresses God's preeminence over His creation and demonstrates the order of His work.

Prerequisite: Concurrent enrollment in Algebra I or higher • 1 credit

BIOLOGY HONORS

Biology Honors is for students who exhibit exceptional skills in math and science. Topics are similar to those covered in Biology, but are covered with increased breadth and depth. Students receive an extra quality point.

Prerequisite: Grade of 93% in Earth Science for rising 9th grade or a grade of 93% in Conceptual Physics, departmental approval and concurrent enrollment in Geometry Honors or Algebra II Trigonometry Honors • 1 credit

BIOLOGY

Biology integrates regular class work with laboratory experience to offer a broad understanding of many biological topics. Students begin the year by learning general characteristics of living organisms. They study life at the molecular/chemical level and then learn the function and structure of cells, the metabolic processes that keep organisms alive, and the genetic and reproductive properties that maintain all species. During second semester, students begin to classify organisms according to specific kingdom and species characteristics. Several weeks of the course are involved in examining theories about the origin of life. During this time, students are encouraged to research, question, and discover fallacies and evidences surrounding these theories. Throughout the year, students learn the importance of biology in everyday life. They are encouraged to find the perfect design God planned in the living world He created.

Prerequisite: Conceptual Physics and/or departmental approval • 1 credit

CHEMISTRY

Chemistry explores the composition, structure, properties and transformation of matter. Its problem-solving approach coordinates theoretical elements of the science with laboratory experimentation. Students receive an introduction to the major divisions of chemistry and develop a greater understanding of and appreciation for the order and design of God's creation. Major concepts of the course include atomic theory, stoichiometry, chemical reactions and reactivity, chemical bonding and the properties of substances, chemical kinetics, and chemical equilibrium.

Prerequisite: Conceptual Physics and Biology and concurrent enrollment in Algebra II • 1 credit

CHEMISTRY HONORS

Chemistry Honors is for students who exhibit exceptional aptitude in math and science. Topics are covered with increased breadth and depth and require more time (e.g., labs) than an ordinary chemistry course. Students receive an extra quality point.

Prerequisite: Grade of 85% or above in Biology Honors or a grade of a 93% in Biology and concurrent enrollment in Algebra II Honors or higher math honors course and/or departmental approval • 1 credit

PHYSICS HONORS

Physics Honors introduces students to a science that seeks to explain the fundamentals of all phenomena of nature. Physics investigates all matter, from sub-atomic particles to galaxies, and all energy, from transmission to nuclear fusion. Students broaden their understanding of the physical world and receive an excellent foundation for future study in science and engineering. The course trains students to analyze and solve problems scientifically as they study classical mechanics (the study of motion), electricity and magnetism, with a brief introduction to wave phenomena, optics and sound. Students receive an extra quality point.

Prerequisite: 85% in Algebra II Honors or 93% in Advanced Functions; and a grade of 85% in Chemistry Honors or grade of 93% in Chemistry; and departmental approval • 1 credit

ANATOMY/PHYSIOLOGY

This course involves a survey of the structure, function and interactive dynamics of the human body. Students will understand functional anatomy with application to life experience through case studies. This course requires a keen interest in human anatomy and physiology. The first semester covers fundamentals of anatomy and physiology while the second semester explores each body system in detail. Dissections are required. Students are given the option of completing a practicum in the training room or writing a research paper. Students who elect the practicum will be eligible to work in the training room for service hours in subsequent years.

Prerequisite: Biology; Chemistry • 1 credit

Science

PHYSICS C-MECHANICS ADVANCED PLACEMENT

Physics C-Mechanics Advanced Placement is a rigorous course that covers all topics in mechanics. It is equivalent to the first semester of an introductory college physics course for engineering, physics and chemistry majors and gives students the opportunity to earn college credit. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam.

Students who have completed Honors Physics with 85% or higher, must also have 85% in Chemistry Honors and 85% in Pre-Calculus Honors. If no prior Physics class taken, must have 93% in Chemistry Honors and 93% in Pre-Calculus Honors; department approval • 1 credit

ANATOMY/PHYSIOLOGY

This course involves a survey of the structure, function and interactive dynamics of the human body. Students will understand functional anatomy with application to life experience through case studies. This course requires a keen interest in human anatomy and physiology. The first semester covers fundamentals of anatomy and physiology while the second semester explores each body system in detail. Dissections are required.

Prerequisite: Biology; Chemistry • 1 credit

ASTRONOMY

Astronomy is a year long science elective that targets students who have a fascination with the complexity, order, and grand design of the universe. The course explores the continually developing cosmos that surrounds us for as far as telescopes allow us to see. Topics include recognizing constellations, our solar system, black holes, galaxies, origin theories, asteroid collisions with Earth, and manned space flight. Evening star parties will be offered throughout the year for students to see the glory of the sky firsthand with an 8" telescope. Sunspots will be observed during daylight hours.

Prerequisite: Biology, Chemistry, and Algebra II and/or departmental approval • Available to seniors • 1 credit

CHEMISTRY ADVANCED PLACEMENT

Chemistry Advanced Placement is the equivalent of a general college chemistry course and gives students the opportunity to earn college credit. The course continues to develop students' ability to think critically and to express ideas orally and in writing with clarity and logic. Topics are investigated in depth and at a brisk pace. Students receive two extra quality points upon completion of the AP exam. This course requires a commitment to additional meeting times beyond the traditional single-blocked class. Students will eat lunch during lab time.

Prerequisite: Average grade of 93% in Chemistry Honors, 85% in Physics Honors or AP Physics C; concurrent enrollment in Pre-Calculus or higher and departmental approval • 1 credit

ENVIRONMENTAL SCIENCE ADVANCED PLACEMENT

Environmental Science Advanced Placement is an interdisciplinary college level course that provides students with the scientific principles, concepts and methodologies necessary for understanding the interrelationships of the natural world, identifying and analyzing environmental problems (natural and man-made), evaluating the relative risks associated with these problems, and examining alternate solutions for resolving and/or preventing them. The course is an excellent choice for students who have completed two years of an upper school laboratory science and show keen interest in environmental issues. Topics include: energy flow and matter cycling in ecosystems, basic ecology, human population dynamics, resource use, energy issues, food/soil resources, water resources, biodiversity loss, air/water pollution detection and management, eutrophication, acid rain, ozone depletion, and climate change. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam.

Prerequisite: Grade of 85% in Biology, Chemistry, and departmental approval • 1 credit

Science

US Placement Criteria - Social Studies

For placement of grade 8 students into upper school levels:
All ninth graders will be placed in the college prep Ancient Civilizations class.

Grade 9	Grade 10	Grade 11	Grade 12
<p>Ancient Civilization Prerequisite is successful completion of Grade 8 Social Studies</p>	<p>U.S. History Prerequisite is successful completion of Ancient Civilizations</p> <p>or</p> <p>U.S. History Honors Prerequisite minimum of 90% in Ancient Civilization</p> <p>or</p> <p>U.S. History AP Prerequisite minimum of 95% in Ancient Civilization</p>	<p>American Government & Economics Prerequisite is successful completion of US History</p> <p>or</p> <p>American Government & Economics Honors Prerequisite minimum of 97% in US History, or a minimum of 85% in US History Honors</p> <p>or</p> <p>U.S. Government & Politics AP Prerequisite minimum of 97% or above in US History Honors; or 85% or above in US History AP and department approval</p>	<p>Western Civilization Prerequisite successful completion of US History and American Government and Economics</p> <p>or</p> <p>Western Civilization Honors Prerequisite minimum of 97% in American Government and Economics,</p> <p>or</p> <p>a minimum of 85% in American Government and Economics Honors</p> <p>European History AP Prerequisite minimum of 97% in American Government and Economics Honors; 85% in U.S. Government AP.</p>

* Placement in US History Honors and AP level have different criteria since there is no honors level of Ancient Civilization.

* Grades, effort, maturity, responsibility, consistency, reading comprehension, critical thinking and study skills are considered as well as relevant standardized test scores.

ANCIENT CIVILIZATIONS

This year-long course is required for all freshmen. It is a study of the people, events, cultures and ideas that formed the world in which we live. It begins with the earliest Mesopotamian cultures and includes the Greek and Roman Empires, ending with the fall of the Roman Empire in AD 476. This course also includes practice of the skills necessary for the study of history, such as note taking and study skills, historical essay writing, critical thinking skills, and historical analysis.

Prerequisite: None • 1 credit

UNITED STATES HISTORY

United States History surveys American history, beginning from the prehistorical settlements of Native Americans in North America to the beginning of the 20th century. It provides a strong background in historical facts while incorporating the sweeping themes of history that continue to influence our world. Taught against the backdrop of world history events and current events, the course shows the interdependency of our nation and the rest of the world.

Prerequisite: None • 1 credit

UNITED STATES HISTORY HONORS

United States History Honors surveys American history from the beginning of European settlement in North America through the modern era. It encourages higher level thinking skills through analysis of important historical events with an emphasis on the examination of primary sources. The course relies on a strong background of historical facts, while incorporating the sweeping themes of history that continue to influence our world. The course shows the interdependency of our nation and the rest of the world using written assignments, analysis of key events and people, and background information of World History. Students will receive one additional quality point.

Prerequisite: 90% or above year end grade in Ancient Civilizations and departmental approval • 1 credit

UNITED STATES HISTORY ADVANCED PLACEMENT

United States History Advanced Placement provides students with the analytical skills and factual knowledge necessary for dealing critically with problems and materials in United States history. The program gives students an opportunity to complete the equivalent of a full year's college-level work while preparing for intermediate and advanced college courses. Students assess historical materials - their relevance to a given interpretive problem, their reliability and their importance - and weigh the evidence and interpretations presented in historical scholarship. This course helps equip students with skills for drawing conclusions based on informed judgment and for presenting reasons and evidence clearly and persuasively in essay format. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam.

Prerequisite: 95% in Ancient Civilization and departmental approval • 1 credit

AMERICAN GOVERNMENT & POLITICS

This course of study will give the students a broad-based understanding of both the institutions and purposes of the American government and the economic theories and policies inherent in our free market economic system. Most of our emphasis in the study of government is devoted to civil liberties, the three branches of government, our political behavior, and public policy. Our study of economics will emphasize our economic choices, market pricing (supply & demand), macroeconomic theory (the consumer / the business firm / industry performance / government & business), and some microeconomic theory (economic instability / the economy's output / policies for economic growth and stability).

Prerequisite: None • 1 credit

AMERICAN GOVERNMENT & POLITICS HONORS

This course of study will give the students a broad-based understanding of both the institutions and purposes of the American government, and the economic theories and policies inherent in our free market economic system. Most of our emphasis in the study of government is devoted to civil liberties, the three branches of government, our political behavior, and public policy. Our study of economics will emphasize economic choices, market pricing (supply & demand), macroeconomic theory (the consumer / the business firm / industry performance / government & business), and some microeconomic theory (economic instability / the economy's output / policies for economic growth and stability). This course also includes one term paper per semester.

Prerequisite: 97% or above in US History; 85% or above in US History Honors; or 85% or above in U.S. History Advanced Placement • 1 credit

UNITED STATES GOVERNMENT & POLITICS ADVANCED PLACEMENT

United States Government and Politics Advanced Placement, which gives students a critical perspective on economics, politics and government, involves both the study and general concepts used to interpret United States politics and the analysis of specific case studies. It requires students to be familiar with the institutions, groups, beliefs and ideas that make up the American political reality. At the conclusion of the course, students have the opportunity to take the AP Exam with the possibility of receiving college credit. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam.

Prerequisite: 97% or above in US History Honors; or 85% or above in US History Advanced Placement and departmental approval • 1 credit

WESTERN CIVILIZATION

This full-year senior course offers an in-depth and study of on the history of western civilization - post-Roman Empire and the growth of Christianity. The class explores the peoples, events, ideas, innovations, political and economic structures, cultures, and religious systems of major western European civilizations, placing particular emphasis on their formative influence on US ideas and ideals. Most of our learning and discussion will revolve around the Middle Ages, the Renaissance and Reformation, the Scientific Revolution, the Age of Enlightenment, the French Revolution, the Industrial Revolution, World Wars I and II, the Cold War, and the contemporary western world. History is a record of what various peoples have done with the time God has given to them, and we'll see God working through the events of the western world.

Prerequisite: US History, American Government & Economics or department approval • 1 credit

WESTERN CIVILIZATION HONORS

This full-year senior course will cover the same material as Western Civilization. However as an honors-level class it will challenge the students to go above and beyond the standard text coverage of world events and places, and will take a closer researched (research paper) look at the development of cultures.

Prerequisite: 97% or above in American Government and Economics; 85% or above in American Government and Economics and departmental approval • 1 credit

EUROPEAN HISTORY ADVANCED PLACEMENT

European History Advanced Placement meets the one year senior Western Civilization requirement. This course is the study of the history of Europe from 1450 to the present, which includes the Renaissance, the Reformation, the English Civil War, the Napoleonic years, both World Wars and much more. So many of the roots of America are in Europe, and this class is important for understanding the world in which we live in. As it is an AP class it will also include practice in the skills necessary for the AP exam. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam.

Prerequisite: 97% in American Government and Economics or 85% in US Government Advanced Placement or departmental approval • 1 credit

ELECTIVE COURSES

CHRISTIAN ETHICS AND CURRENT EVENTS

This discussion-based class will explore how a Biblical worldview intersects with the events taking place in today's world. It is essential for us to learn how to apply our faith to real world situations. God's absolute truth revealed in His word provides a roadmap for our decisions as we journey through school and beyond. The current headlines will provide case studies for the students to think critically as well as collaborate with their peers on seeking God's direction.

Prerequisite: None • .5 credit

CIVIL WAR AND RECONSTRUCTION

Civil War and Reconstruction emphasizes social, political and economic factors of the Civil War. Important battles and military leaders are discussed. Students read primary and secondary sources as well as historical fiction.

Prerequisite: United States History • .5 credit

PSYCHOLOGY

Psychology will give the students an understanding and appreciation of psychology. We will be analyzing Your Self (with emphasis on theories of personality), Your Body (with emphasis on body rhythms and mental states), Your Mind (with emphasis given on thinking and intelligence), Your Environment (with emphasis on learning and behavior), Your Mental Health (with emphasis on psychological disorders), and Your Life (with emphasis on emotions, stress, and health). The Christian perspective and current events will be integrated throughout the course.

Prerequisite: None • .5 credit

COLLEGE PSYCHOLOGY

Students will study the historical development and contemporary discipline of psychology including its roots in philosophy and biology. This course examines biology (neuroscience, genetics, human development, sensation and perception); cognition (learning, memory, thinking, language and intelligence); psychological functioning (motivation, personality theory, psychological disorders and therapy); and social functioning (stress, health, social psychology). This course prepares students to analyze, critique and respond to the aforementioned from a Biblical worldview. This course is a 500 Level course but is not approved for AP designation through The College Board and the transcript will not reflect an AP course. This course is closely aligned to The College Board's AP Psychology curriculum, and individual students may elect to take the AP Psychology exam if desired. Students will receive two extra quality points.

Prerequisite: Available to juniors and seniors • 1 credit

Social Studies

Upper School Placement Criteria

World Languages

FRENCH	French I	French II Prerequisite minimum of 70% in French I or French II Honors Prerequisite minimum of 93% in French I	French III Honors Prerequisite 93% in French II or 85% in French II Honors	French IV Honors Prerequisite minimum of 85% in French III Honors	French Language and Culture AP Prerequisite minimum of 85% in French IV Honors
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LATIN	Latin I	Latin II Prerequisite 70% in Latin I or Latin II Honors Prerequisite 93% in Latin I	Latin III Honors Prerequisite minimum 70% in Latin II or Latin III Honors Prerequisite 93% in Latin II or 85% in Latin II Honors	Latin IV Honors Prerequisite 93% in Latin III or 85% in Latin III Honors
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SPANISH	Spanish I	Spanish II Prerequisite minimum of 70% in Spanish I or Spanish II Honors Prerequisite minimum of 93% in Spanish I	Spanish III Prerequisite minimum of 70% in Spanish II or Spanish III Honors Prerequisite minimum of 85% in Spanish II Honors, or minimum of 93% in Spanish II	Spanish IV Honors Prerequisite minimum of 85% in Spanish III Honors, 93% in Spanish III	Spanish Language and Culture AP Prerequisite minimum of 85% in Spanish IV Honors	Spanish Literature AP Prerequisite minimum of 85% in Spanish Language and Culture AP
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* The world language completed in upper school does not have to be three years of the same language; it can be two years of the same language and one year of a different world language all completed in upper school. World Language completed in middle school can count towards graduation requirements if levels II and III of the same language are passed in upper school.

* Grades, effort, maturity, responsibility, consistency, reading comprehension, critical thinking, study skills and proficiency at the appropriate level are considered

FRENCH I

French I emphasizes integration of the 5 National World Language Standards- Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. French I introduces the French language and its culture and covers most basic functions of the language. Emphasis is on listening, speaking, reading and writing skills within a given context and extending outside the classroom setting when possible. An overview of the culture – its products (literature, laws, foods, games), perspectives (attitudes, values, beliefs), and practices (patterns of social interaction) – is integrated throughout the course. Students acquire insight into how languages and cultures work by comparing the French language and culture to their own. Topics of study include the calendar, weather, family and home, time, school, sports, Psalms, and Bible verses related to themes. Students participate in the National French Contest. The class is conducted in French and English.

Prerequisite: None • 1 credit

FRENCH II

French II emphasizes integration of the 5 National World Language Standards- Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. French II continues developing the skills of listening, speaking, reading, and writing as students participate in simple conversational situations by combining learned elements of the language orally and in writing. Students compose sentences that narrate, describe, compare and summarize familiar topics from the French culture. They also use the language to communicate basic survival needs and interact on everyday issues inside and outside the classroom setting. Students expand their understanding of similarities and differences between their own culture and language and those of France and participate in the National French Contest. Students completing this course are able to recite and learn specific assigned Bible verses. The class is conducted predominantly in French.

Prerequisite: 70% year end grade in French I and department placement test • 1 credit

FRENCH II HONORS

French II Honors continues developing the skills of listening, speaking, reading, and writing as students participate in simple conversational situations by combining learned elements of the language orally and in writing. Students compose sentences that narrate, describe, compare and summarize familiar topics from the French culture. They also use the language to communicate basic survival needs and interact on everyday issues inside and outside the classroom setting. Students expand their understanding of similarities and differences between their own culture and language and those of France and participate in the National French Contest. Students completing this course are able to recite and learn specific assigned Bible verses. The class is conducted predominantly in French. This course may be taken for French II (non-honors) credit, with grading modifications that reflect expectations of general proficiency of the language instead of the higher proficiency/mastery required at the Honors level. Students will receive one additional quality point.

Prerequisite: 93% year end grade in French I and departmental approval • 1 credit

FRENCH III HONORS

French III Honors emphasizes integration of the 5 National World Language Standards- Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. French III Honors offers additional opportunities for expanding the skills of language learning: listening, speaking, reading and writing. Students initiate and maintain face-to-face communication in French. They identify main ideas and significant details in discussion, presentations, and written texts and interpret authentic materials. Students are introduced to brief literary works and participate in the National French Contest. The class is conducted predominantly in French. Students will receive one additional quality point.

Prerequisite: 93% year end grade in French II or 85% year end grade in French II Honors and departmental approval • 1 credit

FRENCH IV HONORS

French IV Honors emphasizes integration of the 5 National World Language Standards- Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. French IV Honors focuses on enabling students to communicate in writing and in extended conversations on a variety of topics. Students use more complex grammatical structures as they narrate, discuss, and support ideas and concepts with concrete facts. Upon course completion, students have a good understanding of what is socially acceptable in the French culture. At the conclusion of the course, students are required to give their testimony in writing in French using biblical references. Students take the National French Contest and may take the SAT II written component. The class is conducted in French. Students receive an extra quality point.

Prerequisite: 85% year end grade in French III Honors and departmental approval • 1 credit

AP FRENCH LANGUAGE AND CULTURE®

AP French Language and Culture® emphasizes integration of the five National World Language Standards - Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. This class emphasizes conversation, grammar and composition. The class enables students to attain high levels of ability in listening, speaking, reading and writing. They are exposed to a variety of genres to help them expand their knowledge of formal language in oral and written forms, thereby increasing levels of coherency, resourcefulness, fluency, and accuracy. Students are graded using the AP scale. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam. This class is conducted in French.

Prerequisite: 85% year end grade in French IV Honors and/or departmental approval • 1 credit

World Languages

LATIN I

Latin I introduces the Classical Languages Standards through the study of Communication, Cultures, Connections, Comparisons and Communities. Students analyze the basic grammar, vocabulary and structure of Latin, and compare it to English. Emphasis is placed on Latin and Greek derivatives as a part of building vocabulary and enhancing a student's strength in the language arts. Students also explore important aspects of Roman culture and compare it to their own community. Content is introduced through the short stories of *Ecce Romani 1*.

Prerequisite: None • 1 credit

LATIN II

This course is the continuation of Latin grammar and a deeper study of Roman cultural and history presented via *Ecce Romani II*. The grammar in Latin II reviews topics from Latin I with expanding use of declensions, adjectives, adverbs, and cases. These skills will be used to translate longer Latin texts to English, a task that requires more knowledge of grammar and vocabulary recall.

Prerequisite: 70% year end grade in Latin I • 1 credit

LATIN II HONORS

This course is the continuation of Latin grammar and a deeper study of Roman cultural and history presented via *Ecce Romani II*. The grammar in Latin II reviews topics from Latin I with expanding use of declensions, adjectives, adverbs, and cases. These skills will be used to translate longer Latin texts to English, a task that requires more knowledge of grammar and vocabulary recall. This course is taught at a quicker pace, with deeper exploration of content.

Prerequisite: 93% year end grade in Latin I and departmental approval • 1 credit

LATIN III

Latin III is a continuation of the stories presented in *Ecce Romani II*. The course requires an intermediate level of language as described in the Classical Language Standards. The stress is on reading, grammatical and syntactical complexities, with continued studies of the Roman culture.

Prerequisite: 70% year end grade in Latin II • 1 credit

LATIN III HONORS

Latin III Honors is a continuation of the stories presented in *Ecce Romani II*. The course requires an intermediate level of language as described in the Classical Language Standards. The stress is on reading, grammatical and syntactical complexities, with continued studies of the Roman culture. Honors Latin is presented at deeper and quicker paces, with an increased focus on translation skills.

Prerequisite: 93% year end grade in Latin II; or 85% year end grade in Latin II Honors and departmental approval • 1 credit

LATIN IV HONORS

This course is meant to increase students' knowledge of the language, customs, religion, and history of the ancient Romans by exposing them to original Latin texts. The majority of time will be spent on learning to read the Latin language; at this stage in your studies the emphasis will fall on taking the skills learned in previous levels of Latin and applying them to the reading of original Latin poetry and prose. This course emphasizes the translation and comprehension of the unadapted or "real" text--as they are written by the above authors. Students will also continue to hone their grammar and translation skills and add to their knowledge of ancient Roman history and classical mythology.

Prerequisite: 93% in Latin III or 85% in Latin III Honors • 1 credit

SPANISH I

Spanish I emphasizes integration of the five National World Language Standards- Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. Spanish I, which introduces the Spanish language and its culture, as students learn and perform the most basic functions of the language. Emphasis is on development of listening, speaking, reading and writing within a given context, extending outside the classroom setting when possible. A general introduction to the culture - its products (literature, laws, foods, games), perspectives (attitudes, values, beliefs), and practices (patterns of social interaction) - is integrated throughout the course. Students acquire insight into how languages and cultures work by comparing the second language and culture to their own. Topics of study include the calendar, weather, family and home, time, school, sports, Psalms, and Bible verses related to themes as well as the Lord's Prayer. Students participate in the National Spanish Exam. The class is conducted in Spanish and English.

Prerequisite: None • 1 credit

SPANISH II

Spanish II emphasizes integration of the five National World Language Standards- Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. Spanish II continues developing the skills of listening, speaking, reading and writing as students participate in simple conversational situations by combining learned elements of the language orally and in writing. Students are provided additional time to strengthen skills and understanding of concepts first learned in Spanish I and are exposed to new skills and concepts as sequentially appropriate. They compose simple sentences to narrate, describe, compare and summarize familiar topics from the Spanish culture. They also use the language to communicate basic survival needs and interact on everyday issues inside and outside the classroom setting. Students expand their understanding of the similarities and differences between their own culture and language and those of Spanish-speaking countries. Students take the National Spanish exam. The class is conducted in Spanish and in English.

Prerequisite: 70% year end grade in Spanish I and sufficient score on year end department placement test • 1 credit

World Languages

SPANISH II HONORS

Spanish II Honors emphasizes integration of the five National World Language Standards- Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. Spanish II Honors continues developing the skills of listening, speaking, reading and writing as students participate in simple conversational situations by combining learned elements of the language orally and in writing. They compose sentences that narrate, describe, compare and summarize familiar topics from the Spanish culture. They also use the language to communicate basic survival needs and interact on everyday issues inside and outside the classroom setting. Students expand their understanding of the similarities and differences between their own culture and language and those of Spanish-speaking countries. The class is conducted predominantly in Spanish and will explore content at a deeper level. Students take the National Spanish exam. Students will receive one additional quality point.

Prerequisite: 93% year end grade in Spanish I and departmental approval • 1 credit

SPANISH III

Spanish III emphasizes integration of the five National World Language Standards- Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. Spanish III builds upon the foundation of listening, speaking, reading and writing skills begun in levels I and II. Students respond to and maintain face-to-face communication in Spanish. They identify main ideas and significant details in discussion, presentations, and written texts and interpret authentic materials. Students take the National Spanish Exam. At the conclusion of the course they are able to present a simple plan of salvation in writing. The class is conducted predominantly in Spanish.

Prerequisite: 70% year end grade in Spanish II • 1 credit

SPANISH III HONORS

Spanish III Honors emphasizes integration of the five National World Language Standards- Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. Students respond to and maintain face-to-face communication in Spanish and are assessed at the intermediate level. They identify main ideas and significant details in discussion, presentations, and written texts. The class is conducted in Spanish. Student progress is monitored using ACTFL National Proficiency guidelines for intermediate learners. Students take the National Spanish Exam.

Prerequisite: 93% year end grade in Spanish II or 85% year end grade in Spanish II Honors and departmental approval • 1 credit

SPANISH IV HONORS

Spanish IV Honors emphasizes integration of the five National World Language Standards- Communication, Cultures, Connections, Comparisons and Communities- from a Biblical perspective. Spanish IV Honors focuses on enabling students to communicate in writing and in extended conversations on a variety of topics. Students use complex grammatical structures as they narrate, discuss and support ideas and concepts with concrete facts. At the conclusion of the course, students are required to give their testimony in writing in Spanish using Biblical references. Students may take the SAT II written component and will participate in the National Spanish Exam. The class is conducted in Spanish. Students receive an extra quality point.

Prerequisite: 93% year end grade in Spanish III and departmental approval or 85% year end grade in Spanish III Honors and departmental approval • 1 credit

SPANISH LANGUAGE AND CULTURE ADVANCED PLACEMENT

AP Spanish Language and Culture® explores the six AP curriculum themes: Families and Communities, Science and Technology, Beauty and Aesthetics, Global Challenges, Contemporary Life, and Personal and Public Identities. Through analysis and communication of these themes, students attain advanced levels of ability in listening, speaking, reading, writing and cultural competence. Students are graded according to the AP scale, in conjunction with the ACTFL performance standards for intermediate high/advanced low learners. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam, equivalent to a 300 level college course. The class is conducted exclusively in Spanish.

Prerequisite: 85% year end grade in Spanish IV Honors and departmental approval • 1 credit

SPANISH LITERATURE ADVANCED PLACEMENT

Spanish Literature Advanced Placement is a survey course of Peninsular and Latin American literature. The course focuses on critical reading and writing in Spanish. Students will become familiar with major literary movements and the philosophies behind them, as well as the major authors who exemplify each. They will study how language is connected to and shaped by the history, cultural practices and values of those who speak it, as reflected in the literature of Hispanic peoples. As a part of the course, students are expected to acquire the terminology of literary analysis in Spanish, discuss and criticize literature in writing, and refine general skills in speaking and writing Spanish. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam. The class is conducted as an independent study course.

Prerequisite: 85% year end grade in Spanish IV Honors, 85% year end grade in Spanish Language Advanced Placement and departmental approval • 1 credit

Biblical Studies

Grade 9	Grade 10	Grade 11	Grade 12
Old Testament Survey	New Testament Survey	Christian Theology And World Religions	Christian Philosophy and Apologetics

OLD TESTAMENT SURVEY

Old Testament Survey covers the historical flow of the Old Testament. The aim is to acquaint each student with the background, content, message and personal application of the historical narrative sections of the Old Testament from Genesis to Nehemiah, and also to study the unity of all the books in the progress of revelation and redemption. At the completion of this course, students will be able to list the basic facts regarding the historical background, theme and content, understand creation theories, describe Israel's geography and the location of important historical sites, and apply the Old Testament's message to our modern cultural context.

Freshman requirement • 1 credit

NEW TESTAMENT SURVEY

New Testament Survey is an overview of the books of the New Testament. The aim is to acquaint each student with the gospels, history of the early church, and the letters. Topics covered include the basic facts of each book's historical background, theme and content; the life of Christ and His teachings; eternal life and the biblical concept of love; the history of the early church; and the attributes of a Christian lifestyle through examination of the Scripture.

Sophomore requirement • 1 credit

CHRISTIAN THEOLOGY AND WORLD RELIGIONS

Christian Theology and World Religions teaches students to critique other faiths from a biblical and logical perspective and equips students with the ability to respond intelligently to those of other belief systems. The first semester of this course traces the historical development of the Church and includes an overview of the major doctrines of Christianity. Students learn to articulate biblical doctrines such as the doctrine of God, the Trinity, angels and salvation, and to debate opposing theological similarities and differences of Catholicism, Eastern Orthodoxy and the various Protestant denominations. The second semester encompasses a critical examination of all major world religions including Hinduism, Buddhism, Islam and cults.

Junior requirement • 1 credit

CHRISTIAN PHILOSOPHY AND APOLOGETICS

Christian Philosophy and Apologetics focuses on the study of apologetics as students discover a rational basis for their faith, face their doubts and questions, and strive toward a close relationship with Christ. Substantial time is spent laying a foundation whereby students may see the role of the mind in their relationship with our Creator and Lord. The relationship between faith and reason is discussed and the philosophical underpinnings of Christianity are investigated. Students are challenged to take a critical look at the worldviews that permeate the cultures of this world. Throughout the year, students are encouraged to make the Christian faith their own, no longer relying on others for their justification of belief. This class culminates in an extensive paper in which the students give their personal statement of faith.

Senior requirement • 1 credit

Computer Science & Technology

COMPUTER SCIENCE ADVANCED PLACEMENT

Computer Science Advanced Placement is a rigorous programming course. Topics include loops, arrays, data structures, objects, methods and interfaces. Students are required to take the first semester exam and the Advanced Placement exam. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam.

Prerequisite: Completion of or concurrent enrollment in Pre-Calculus Honors and/or departmental approval • 1 credit

ADOBE® PHOTOSHOP®

Adobe® Photoshop® explores the professional image-editing standard that helps graphic designers, photographers, and web designers create the highest quality images for print, the web, and other applications. Students will experience training in this software application, as well as fundamentals of design and elements of photography enhancement and manipulation. This course may count toward the meeting of the fine arts graduation requirement.

Prerequisite: None • .5 credit

ADOBE® ILLUSTRATOR®

Adobe® Illustrator® defines the future of vector graphics with ground-breaking creative options and powerful tools for efficiently publishing artwork. Students produce superb graphics using symbols and innovative artistic options, explore creative ideas with live distortion tools, and publish in record time with dynamic data-driven graphics and other productivity features. This course is recommended for visual art students as projects will be artistic in nature. This course may count toward the meeting of the fine arts graduation requirement and is only offered every other school year.

Prerequisite: None • .5 credit

ARCHITECTURAL DESIGN

This one semester course introduces students to the fundamentals of Google Sketchup and AutoCAD software commonly used in the architectural or engineering industries. Students will become familiar with these programs, drawing techniques and design. This course focuses on residential architecture.

Prerequisite: None • .5 credit

ENGINEERING I

Engineering I is a hands-on project based course where students apply the engineering design process to solve problems. Students will apply math, science, and engineering standards to bring their designs through the stages of product development. They will use 3D modeling software, a digital engineering notebook, and 3D printers, to work on both individual and collaborative projects

Prerequisite: None • .5 credit

MOBILE GAME DESIGN

Mobile Game Design is for students who have an interest in learning the ins and outs of mobile game design. The course equips students with the proper understanding to design and develop a fully functional mobile game with a primary focus on the Apple operating systems. Students learn basic Adobe Photoshop techniques to achieve quality graphics for their apps. The class takes an in-depth look at proper structure, navigation and presentation practices.

Prerequisite: None • .5 credit

Fine Arts - Visual

ART I

Art I is a basic introduction to visual art concepts and art-making techniques. Students will use various art media and methods to create drawings, paintings, graphic designs and ceramic pieces. Projects will be based on an understanding and use of the basic "Elements of Art" and "Principles of Design." Developing the ability to "see" artistically and to solve visual problems creatively will also be emphasized.

Prerequisite: None • .5 credit

ART II

Art II is for students who have had some art experience and who wish to further develop their art making skills. This year long class focuses on creative development and contextual art history. Projects include two- and three-dimensional creations.

Prerequisite: Art I and/or departmental approval • 1 credit

STUDIO ART HONORS

Studio Art Honors is a year-long advanced level studio art class that is a precursor to AP Studio Art. Students will further develop their artistic skills and knowledge through drawing, painting, collage, printmaking and darkroom photography. They will explore experimental mediums and develop a portfolio of quality works. Students will receive one additional quality point.

Prerequisite: Art II and departmental approval • 1 credit

STUDIO ART ADVANCED PLACEMENT

Studio Art Advanced Placement enables juniors and seniors who are highly motivated and committed to art to do college level work while still in upper school. The program requires a portfolio of the year's work arranged according to specific guidelines. At the end of the school year, students must submit their completed portfolios to the College Board for evaluation. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam. This course may be repeated for credit.

Prerequisite: Studio Art Honors and/or departmental approval • 1 credit

ART HISTORY ADVANCED PLACEMENT

Art History Advanced Placement provides an art history survey of both Western and non-Western art. The class explores the relationship of art to various cultures and time periods and expands students' worldview. Power Points, reproductions and videos are used in conjunction with class lectures. Students may earn college credit upon successful completion of the AP exam in Art History. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam.

Prerequisite: none • 1 credit

DIGITAL PHOTOGRAPHY

Digital Photography introduces students to the fundamentals of digital photography. These include camera operation, exposure techniques and concepts of effective visual composition. Projects will emphasize development of an awareness of our visual environment. Various subjects will be photographed in creative and innovative ways to help students go beyond the "point and shoot" level of digital photography. Students must supply their own digital camera with standard lens and image transfer equipment. Students will need to have the camera available for every class.

Prerequisite: none • .5 credits

SCULPTURE

This semester course provides an introduction to 3-dimensional design principles as applied to the sculpture-making process. Students will work hands-on to create sculptural forms using various sculpting techniques and materials. These materials will include (but not necessarily be limited to) clay, plaster, wire, wood, cardboard, found objects etc. Through this course students will focus on technical, historical, aesthetic, and cultural aspects of sculpture, as they develop their own personal style of developing 3-dimensional artwork.

Prerequisite: None • .5 credit

Fine Arts - Music

MUSIC THEORY ADVANCED PLACEMENT

Music Theory Advanced Placement is academically-oriented, requiring students to read, analyze, discuss, and create music, as well as to apply techniques of the baroque-classical era to modern music. Students learn the system of notation used in classical music, and discern keys, meters, note names and rhythms. They understand the construction and relationships of major and minor scales, identify related key signatures, identify intervals and chords used in classical music, and construct these intervals and chords from a given note. Students also develop skills of melodic, rhythmic, and harmonic discernment and dictation. They increase their pitch recognition and music memory and use these skills to scribe music played for them. This is a 500 Level class where students receive two extra quality points upon completion of the AP exam.

Prerequisite: Intro to Music Theory and/or departmental approval • 1 credit

UPPER SCHOOL ORCHESTRA HONORS

Upper School Orchestra Honors is for students in grades 9-12 who play violin, viola, cello, or bass. In this class students will continue development of skills such as note reading, understanding rhythms, and playing in tune. Students learn to play in a variety of musical styles, and learn how key signatures and major/minor scales function within the music. Students will complete one additional assignment each quarter to receive Honors credit. Performances/rehearsals outside of the regular school day are required.

Prerequisite: Departmental approval/Instrument Proficiency • 1 credit

DIGITAL MUSIC I

Digital Music I is a semester class that uses Garageband for Mac. The student will develop skills such as recording, mixing, and composing. Through this course, students will come to realize that technology is a major part of today's music and how this technology can enhance each student's musical interests and skills.

Prerequisite: Departmental approval • .5 credit

DIGITAL MUSIC II

Digital Music II continues to build the student's skills in the area of song creation and music software programming. The class will use the music software program Ableton Live 9 Intro.

Prerequisite: Digital Music I and departmental approval • .5 credit

UPPER SCHOOL CHOIR HONORS

Upper School Choir Honors is comprised of upper school students who enjoy singing and who want to excel in vocal technique, sight-reading, and choral ensemble skills. This course is a full year class that meets as a zero hour course before school twice a week and performance and rehearsals outside of the regular school day are required occasionally. Students will receive one additional quality point.

Prerequisite: None • .5 credit

INTRODUCTION TO MUSIC THEORY

Introduction to Music Theory is designed to give students a foundation of knowledge and understanding in music theory, and will be useful for students who are interested in vocal or instrumental music. This class will serve as a prerequisite to AP Music Theory. Students will study topics such as: melody (how to read notes), rhythm (how to count music), scales (major/minor keys), chords (what makes up a chord), history (composers and musical periods).

Prerequisite: None • .5 credit

JAZZ BAND HONORS

Jazz Band Honors is a performance based class that explores the different styles of jazz including swing, Latin, rock and funk. Students will focus on the concepts of jazz rhythms, tonality, and techniques as well as improvisation. This course is a full year class that meets as a zero hour course. Performance and rehearsals outside of school hours will be required. Wind players must be in good standing in the Wind Ensemble to participate in Jazz Band. Students who play a rhythm section instrument (keyboard, bass, guitar) are not required to be enrolled in Wind Ensemble and may register for the class pending an audition and/or department approval.

Prerequisite: Audition and/or departmental approval • .5 credit

VOCAL TECHNIQUE

This course focuses on developing proper vocal technique, which is then applied to various genres such as pop, jazz, folk, musical theatre, and art song. Emphasis is placed on healthy singing technique and vocal pedagogy. Students receive training in private voice lessons, group master classes, class performance and a final recital performance.

Prerequisite: None • .5 credit

WIND ENSEMBLE HONORS

Wind Ensemble Honors is a performance-based class that enables students to develop their instrumental performance technique and musicianship as a service to the school and as a ministry for God's glory. This ensemble performs grade level appropriate repertoire for concerts, chapels, and special events both at school and in the community. Daily coursework focuses on developing the fundamentals of performance technique and ensemble playing such as tone, intonation, balance, rhythm, and musicality. Elements of music theory and music history are also taught in this class as they relate to the literature being performed. Students wishing to enroll in Wind Ensemble Honors must demonstrate grade appropriate mastery of fundamental technique on their instrument as well as grade appropriate music reading skills.

Prerequisite: Departmental approval/instrument proficiency • 1 credit

Fine Arts - Film/Theatre/Speech

INTRODUCTION TO ACTING

Introduction to Acting is a one-semester course that focuses on building a strong ensemble of students. The course will inherently build self-confidence while strengthening presentation skills and developing the young actor. This will be accomplished by exploring the three tools of the actor (body, voice, and mind) through pantomime, improvisation, characterization, script analysis, and scene work. The class is participatory in nature with a memorized scene as the culminating project.

Prerequisite: None • .5 credit

INTERMEDIATE ACTING

Intermediate Acting is a semester course that is designed for the student who either has theatrical experience and/or successfully completed Introduction to Acting. The student will delve deeper into acting training through the Stanislavski System of Acting and a series of exercises. The student will also further explore characterization and scene work, which will require deeper script analysis. The course will also explore different periods and styles of theatre and teach audition techniques. The culmination will be a one-act play.

Prerequisite: Introduction to Acting and/or departmental approval • .5 credit

ACTING STUDIO HONORS

ACT I is an honors level acting troupe comprised of students who have a passion for acting and a strong work ethic. Entrance into the class is through audition. The ideal candidate is someone who has at least completed Introduction to Acting. During the year, students have the opportunity to perform in a variety of venues such as Windy Gap, Charlotte Christian Main Stage Productions, NCTC/SETC competitions, Shakespeare Competition, and the CITA Theatre Festival. When not preparing for performances the students work on repertoire development and various acting methods. ACT I has two tracks: Acting and Technical Theatre. Students will receive one additional quality point. Open to grades 9-12. Outside rehearsals and performances are required.

Prerequisite: By audition only (Actors) or Interview (Tech Theatre track). • 1 credit

BROADCASTING

Broadcasting educates students on the power and potential of various mass-communication strategies. Broadcasting class will create a news magazine that will air weekly to all upper school students. In addition to the news magazine, students will also learn how to create a broadcasting personality, which they will utilize throughout the school year. Students will be required to learn editing on Final Cut®, and create news stories in words and pictures on Celtx®.

Prerequisite: Successful completion of Intro to Film Production, application and departmental approval • 1 credit

INTRODUCTION TO FILM PRODUCTION

In this semester course, students will learn the basics of how to write, plan, shoot, and edit various video content. This hands on course will explain how to shoot news anchors, interviews, music videos, and short films. Students will become proficient in basic camera handling, scriptwriting using Celtx® software, and editing on Final Cut®.

Prerequisite: None • .5 credit

FILM STUDIES

Film Studies teaches the basics behind this narrative format through various forms of cinematic analysis. Students gain a strong understanding of genre, style and important historical and contemporary contributions while gaining a clear picture of the film industry's social and political impact.

Prerequisite: None • .5 credit

TECHNICAL THEATER

This course is designed to give the student a working knowledge of the technical aspects of theater. The course will include work with scenic design, set construction, painting, property design and construction, lighting, sound engineering, costume and make-up design, stage management, and dramaturgy. Although this is primarily a hands-on-class, research and projects will also be a part of the course. The student will also be required to work on some productions that will extend beyond the school day.

Prerequisite: None • .5 credit

Personal Development

INTRODUCTION TO BUSINESS

Introduction to Business provides a foundation for business education by exploring issues and principles of finance, marketing, entrepreneurship, communications, management, economics, leadership and human resources. Students also study profiles of business leaders, challenges in the business world and real-life business scenarios.

Prerequisite: Algebra I; scheduling priority given to students in grades 10-12 • .5 credit

INTRODUCTION TO PUBLIC SPEAKING

Introduction to Public Speaking teaches a better understanding of the art of public speaking and improves each student's skill in that arena. The coursework will include but not be limited to several in-class presentations, several improvisational speeches, in-class lecture and note-taking, review of several famous speeches throughout history, the skill of debate, the skill of using PowerPoint in speeches, and a final project of a 12-15 minute speech. This course meets the school's speech requirement.

Prerequisite: None • .5 credit

INTERNSHIP

This is open to Charlotte Christian seniors who have an interest in a specific field and that are looking to obtain valuable work experience. Students will be responsible for completing 64 hours, an internship application, and submitting both a supervisor and a personal evaluation in order to obtain credit.

Prerequisite: Available to seniors • .5 credit

JANUARY TERM

J-Term occurs the first week of January following Christmas break. The J-Term break makes it possible to offer "non-traditional" courses as well as a variety of educational and mission/service trips. Courses include: three or six hour "classes", mission/service/spiritual life trips, internships (juniors and seniors only), or the senior trip.

Prerequisite: Required for all students • .25 credit

JUNIOR SEMINAR

Junior Seminar is a required semester course for all juniors. This course will help prepare students for their senior year as well as for college by: equipping them with test-taking strategies for the SAT and ACT exams; providing opportunity for the completion of college essays, inventories and resumes; examining the impact of worldview on higher education; requiring research of specific colleges; and instructing effective college visitation strategies as well as various important relational skills. A variety of speakers will be utilized, according to their areas of expertise, all with a common emphasis on students seeking God's good and special will for their lives and effectively impacting the world around them (their senior year and beyond), for Christ. This course is required for graduation.

Prerequisite: Required for all juniors • .5 credit

LEADERSHIP

This class will discuss in depth the nature of Christian leadership with a particular focus on leadership styles, dynamics and skills of leadership. The class will focus on personal leadership and leadership in an organizational setting. Topics/issues addressed in the class will include the personal development of the leader, the roles and responsibilities of the leader, coaching and mentoring, conflict resolution principles, and strategies for implementation of mission and vision. Students will evaluate their own leadership styles.

Prerequisite: None • .5 credit

LOGIC AND DEBATE

The course trains students how to organize their thoughts correctly and articulate their ideas intelligently. Students will learn the science of forming an argument and the art of communicating it with precision and respect. This course will cover the basics of truth, logic, and argumentation which will equip students to recognize the philosophical assumptions and underpinnings of an argument in order to judge its validity. Students will learn to identify formal and informal logical fallacies and how to construct sound syllogisms. There will be ample class time dedicated to in-class debates. All students will have the opportunity to express their skills through debate topics of their choice. This course will meet the speech requirement.

Prerequisite: None • .5 credit

SENIOR STUDY HALL

Eligible seniors, with parental and administrative approval, will be permitted to leave the building during the first or fourth block. There is no instruction during this time; therefore, no grade is awarded nor do they receive credit.

Prerequisite: Available to seniors • No credit awarded

SPORTS MANAGEMENT

This course is designed to introduce students to the business side of sports administration. Students will learn how the concepts of law, finance, marketing, and management are applied within the sports industry.

Prerequisite: Scheduling priority given to students in grades 11-12 • .5 credit

STUDY HALL

This is a period in the school day when students are not scheduled for an academic class. Study hall is a quiet work environment monitored by a teacher. There is no instruction during this time; therefore, no grade is awarded. Students do not receive credit for study hall.

Prerequisite: None • No credit awarded

TEACHER AIDE

Teacher Aide gives students hands-on experience with routine tasks of a teacher. Students are assigned to a teacher for one class period. This class will be evaluated with a pass/fail grade only.

Prerequisite: Available to juniors and seniors and approval by the designated teacher • .25 credit

P.E. & Life Skills

LIFETIME FITNESS 9

This course will focus on educating students as to the importance of lifetime physical fitness through aerobic exercise, flexibility training, and strength training. Emphasis will be placed on the assessment and maintenance of physical fitness to improve health and performance. Additional emphasis will be placed upon the application of psychological and sociological concepts, including self-responsibility, positive social interaction, and group dynamics in the learning and performance of physical activity. Units of activity will include physical fitness as well as traditional aerobic sports and games.

Prerequisite: None • .5 credit

WEIGHT TRAINING

Weight Training involves basic exercise for major muscle groups and routines appropriate for developing muscular strength and endurance. The class is open to males and females. Students may take this class multiple times, but only a total of one credit (two semesters) may be applied toward graduation requirements. This class will be evaluated with a pass/fail grade only.

Prerequisite: None • .5 credit

Publications

JOURNALISM

Journalism is designed to give students a solid grounding in the field of journalism. Students will study the fundamental principles of gathering, writing, reporting, and editing news. They will develop composition skills appropriate for news stories, feature articles, news columns, and editorials. Students research school topics and write articles for a school publication that they organize and print. Students must be highly committed to school newspaper production to gain admittance into this course.

Prerequisite: None • 1 credit

YEARBOOK

Yearbook teaches the art of producing a JK-12 yearbook. Because of the many deadline pressures involved, students must be organized and responsible. The ability to write well and some experience in photography, design and layout are useful for this class. Admission to this course is limited to 12 students.

Prerequisite: Available to juniors and seniors, English 9 or 9 Honors, English 10 or 10 Honors, and/or academic committee approval • 1 credit