



Christian Academy

English Station

2010-2011

Course Description Catalog

700 S. English Station Road • Louisville, KY 40245 • (502) 244-3225

To: Students
From: Your Counselors

This booklet has been prepared to assist you in developing a program of study to meet your individual needs and educational goals.

CAL offers academic programs to prepare students to earn one of three types of diplomas: Standard, College Prep, or Honors. The Standard Program provides a basic traditional education. The College Prep Program is more intense and includes course work required by major colleges and universities. The Honors Program provides a challenging course of study for top students and includes courses that offer the opportunity to earn college credit while at CAL. Students are not restricted to taking courses in one program. They may take courses from a combination of programs as long as they are qualified.

Approach the course selection process seriously. You are urged to carefully examine the course offerings in this booklet and complete the Four-Year Planner so you can be sure to fulfill the requirements to graduate with the diploma you have chosen. With the assistance of teachers, counselors and parents, give careful consideration to all available options. Strive to develop a program to explore and challenge your individual abilities and talents.

Scheduling Courses

Plan Ahead

1. **READ** the course description **BEFORE** selecting a subject to be

sure that it fits your needs and interests.

2. **CONSULT** with teachers in specific subject areas for more detailed information, including recommendations for placement in honors courses.
3. **BALANCE** your course selections. Avoid crowding all of your academic courses into your Sophomore and Junior years. Allow yourself the freedom to take elective subjects each year—they are a valuable part of your total education.
4. **REMEMBER** to make certain you have satisfied the prerequisites for taking a particular course.
5. **SELECT** alternate courses in case it is impossible to get your first choice.
6. **BE SURE** to take courses which will give you the best possible preparation for your future plans. Take advantage of the offerings available to you.

Know the Requirements

1. Know your graduation requirements before you start planning.
2. If you have questions about credits for graduation or college or career entrance, see your counselor.

How to Register

Current students will register for their classes online through PowerSchool. The online registration dates are as follows:

1. Current 8th grade students and high school students must register online from March 3 – March 17, 2010.

2. Please be sure you have a working log-on and password before these dates. If you do not have a log-on and password, please contact the high school office. During these registration dates, you may go online and make changes to your requests. After these dates, changes can be made only by contacting the high school office.

3. New students to CAL must register using a Course Request Form. These forms will be mailed to all newly accepted students (or can be picked up from the high school office) and should be returned to the high school office as soon as possible upon acceptance.

Adding/Dropping

A student may add and drop classes provided there is an opening in the class the student wishes to enter. Requests for schedule changes should be directed to the counselor.

Note the potential penalty involved in dropping classes:

√ 1st week of the 1st Semester—
May add or drop with no penalty.

√ 2nd—6th week of 1st Semester—
Students may be withdrawn passing (WP) or withdrawn failing (WF). Students may or may not be allowed to add a course at this time. This *does not* affect student's GPA.

√ After the 9th week of the semester students may be withdrawn with special permission from the principal.

BIBLE DEPARTMENT

Orientation to Biblical Studies

Course No.112

½ credit – 1st semester only

Grade 9

Regular Grading Scale

This introductory course to the Bible Department is designed for students as a “hands-on” approach to reading, understanding, interpreting, and applying the Bible for everyday living. The content focuses on developing the skill of studying the Bible for personal and community application.

Old Testament Survey

Course No. 114 &114A

½ credit

Grade 9, 10

Regular Grading Scale

Prerequisites: *Orientation to Biblical Studies.*

This course is required before the end of the sophomore year for the class of 2012.

This course will present an overview of the text, focusing on the major sections of the Old Testament: the Law, the Prophets and the History of Israel. The goal of the class will be to assist the student in understanding the context of the scripture and to develop methods for personal and community application of its message. A concentrated emphasis will be placed upon the Biblical theme of God’s plan of redemption in human history.

New Testament Survey

Course No. 116 & 116A

½ credit

Grade 9, 10

Regular Grading Scale

Prerequisites: *Orientation to Biblical Studies.*

This course is required before the end of the sophomore year for the class of 2012.

This course will present an overview of the text, focusing on the major sections of the New Testament: The Gospels, the Acts of the Apostles, the Pastoral Letters of John, Peter, James, Paul and the Book of Revelation. The goal of the class will be to assist the student in understanding the context of the scripture and to develop methods for personal and community application of its message. A concentrated emphasis will be placed on the work of Christ in God’s plan of redemption in human history and the continuing mission of the church to proclaim that message.

World Religions

Course No.170

½ credit – 2nd semester only

Grade 10

Regular Grading Scale

Prerequisites: *Orientation to Biblical Studies, Old Testament Survey and New Testament Survey*

This course will provide a clear and engaging account of world religions by studying their origins, historical development, leadership, and basic doctrines as compared to the tenets of Christianity. Focus will be given to the following living world religions: The “One God” religions: Christianity, Judaism, and Islam; Eastern Religions: Hinduism, Buddhism, and Taoism; Contemporary Cults: Mormonism and Jehovah’s Witnesses; and the “No- God-Necessary” Worldview: Atheism, Darwinism, and Naturalism. Added to the discussion will be an exercise in the practice and defense of Christianity in regard to other world religions and worldviews.

Introduction to Life Calling

Course No. 132

½ credit – 1st semester only

Grade 11

Regular Grading Scale

Prerequisites: *Old & New Testaments, World Religions and Intro to Biblical Studies*

This course focuses on students developing an understanding of the concept of life calling and the discovery of one’s God-given design as a basis for this calling.

Students are led to understand how work and individual leadership is best understood from this life calling perspective. Students will evaluate their foundational values, unique design and personal mission as well as examine each component in an in-depth paper and integrate this into a life and leadership plan.

Apologetics

Course No.131

½ credit – 2nd semester only

Grade 11

Regular Grading Scale

Students are introduced to the rational defense of the Christian faith. The course will enable students to “Always be prepared to give an answer to everyone who asks you to give the reason for the hope that you have” (1 Peter 3:15b). The course begins with explaining and understanding the nature of truth, reason, and logic and the importance of apologetics in Christian discipleship. Students will then examine the classical arguments for the existence of God, the evidence for the accuracy and reliability

of the Bible, the historical and spiritual identity of Jesus Christ, and the historical evidence for the resurrection of Christ. The course concludes with a practicum in which students will use apologetic tools to defend their faith in role-play situations.

Worldviews

Course No.000

½ credit – 1st semester only

Grade 12

Regular Grading Scale

Worldviews explores the content and influence of significant contemporary worldviews, including Secular Humanism, Marxism, Cosmic Humanism, Postmodernism and others that are challenges to the Christian worldview. The course begins with explaining and understanding the nature of a worldview and the importance of having a worldview grounded in truth. Students will then explore and discuss the major components of the Christian or “Biblical Theist” worldview and then compare and contrast this with the components of the major worldviews that we encounter in Western culture. The controversy between intelligent design and evolution will be studied in the context of the competition between the theistic and materialistic worldviews. Students will engage in a survey project to better understand the beliefs and worldviews that exist in their community.

Contemporary Issues

Course No.142

½ credit – 2nd semester only

Grade 12

Regular Grading Scale

Contemporary Issues examines and discusses major social and cultural issues in the light of Christian faith and discipleship. The areas which are covered include Marriage and Sexuality, Biotechnology, End-of-life issues, Environmentalism, and Popular Culture. The key facts and influences in each issue will be investigated, and a careful study of Scripture will discern and apply biblical principles for formulating a Christian viewpoint on critical issues in contemporary culture. Students will select and research a major issue for a position paper.

+Leadership Development

Course No. 151

1 credit

Grades 9-12

Regular Grading Scale

This course is designed to offer students an opportunity to develop leadership skills for the purpose of guiding others toward noble and biblical goals for their lives and for the purpose of establishing

new ministries in their community. Emphasis is placed upon, and practical expression is activated, in four respective areas: the development of personal spiritual disciplines, the practice of personal evangelism, the dynamics toward envisioning an effective ministry, along with a practicum in creating and establishing a fully functioning ministry in the local community. (A fee is charged for this course for the purpose of attending a spiritual disciplines retreat during the school year.)

+An elective course does not take the place of a required Bible course.

BUSINESS & COMPUTER DEPARTMENT

Note: Either Computer I or satisfactory completion of the CAL computer proficiency test is required for graduation. The computer proficiency test must be completed by the end of the junior year or the student must take a computer class during his/her senior year.

+Computer I
Course No. 210
1 credit

Grades 9, 10, 11, 12
Regular Grading Scale

Prerequisites: *basic keyboarding skills*

This course teaches, in depth, the applications in Microsoft Office 2003. The student will learn how to use a word processor (Word), a spreadsheet (Excel), a presentation application (Power Point), and an Internet Browser (Internet Explorer).

+Computer II
Course No. 230
1 credit

Grades 9, 10, 11, 12
Regular Grading Scale

Prerequisites: *Computer I (or "P" on the Computer Proficiency Test)*

This course will teach desktop publishing using Microsoft Publisher, database management with Microsoft Access, and Web Page Design using HTML and FrontPage.

+Honors A+ Computer
Course No. 235

1 credit

Grades 11, 12

Honors Grading Scale

Prerequisites: *Computer I (or "P" on the Computer Proficiency Test) and teacher approval*

A+ is a course designed to give the student tools necessary to manage and maintain a computer and supported peripherals, build a computer from parts, and prepare for the industry A+ PC Hardware exam. (Students will be required to purchase a technician's tool kit for this course.)

+Advanced Placement Computer Science

Course No. 239

1 credit

Grades 11, 12

AP Grading Scale

Prerequisites: *Computer I, Geometry, and Algebra II*

This course is a disciplined approach to computer programming using the JAVA programming language. Students will learn how to solve problems through the design, creation, and implementation of programs. Near the completion of this course, students will take the AP exam to qualify for college credit. (A testing fee is charged for this course.)

+Graphic & Web Page Design

Course No. 232

1 credit

Grades 9, 10, 11, 12

Regular Grading Scale

Prerequisites: *Computer I (or "P" on the Computer Proficiency Test)*

Graphic Design, using Adobe Creative Suite 3 (or 4), will give the students necessary tools needed to build graphics suitable for advertising/journalism, complete with Photoshop, Illustrator, and InDesign understanding. Students will learn how graphics in advertising can help promote products/ideas through project-based assignments. Web Page Design, using Adobe Creative Suite 3, will give the students necessary tools needed to build a fully functioning web site complete with HTML, CSS, Photoshop Elements, Notepad, and Dreamweaver CS3 understanding.

+Accounting
Course No. 240

1 credit

Grades 11, 12

Regular Grading Scale

This course covers the accounting cycles for a sole proprietorship and a partnership. The student will demonstrate the ability to distinguish between correct and

incorrect accounting principles and practices.

+Intro to Business
Course No. 250

1 credit

Grades 10, 11, 12

Regular Grading Scale

This course establishes basic foundations for the exploration and further study in business courses. The fall semester will be a study of accounting including debit and credit functions, general journal and double entry transactions. The spring semester will focus on a study of both marketing and entrepreneurship. Students will learn about key functions, positive and negative aspects, and real-life scenarios. A stock market game will be implemented in either the fall or spring semester.

+Internship

Course No. 041

1 credit

Grade 12

Regular Grading Scale

Prerequisite: *By teacher approval and/or recommendation*

Limited by available space

This program is open to senior students who are considering a career in elementary education, middle school education, physical education, library science or medical fields. It is designed to offer the student exposure to and experience in elementary or middle school classrooms, physical education, media center, or health services.

ENGLISH DEPARTMENT

College Prep English I
Course No. 310

1 credit

Grade 9

Regular Grading Scale

Students will study the following content areas: grammar, composition, literature, research, study skills, vocabulary, and mass media. Students will keep an organized notebook, perform basic research, and complete at least one formal composition per quarter in addition to informal writing assignments.

➤ **Honors English I**

Course No. 315

1 credit

Grade 9

Honors Grading Scale

Prerequisites: "A" or "B" in previous English class; teacher recommendation and acceptable stanine/percentile on nationally recognized achievement test

Students will study the same content areas as regular English I with additional requirements in literature and composition.

➤ **College Prep English II**

Course No. 320

1 credit

Grade 10

Regular Grading Scale

Prerequisites: English I

Students will study the following content areas: grammar, composition, literature, research, study skills, vocabulary, and mass media. Students will keep an organized notebook, perform basic research, complete at least one formal composition per quarter, in addition to informal writing assignments, and write a variety of expository essays.

➤ **Honors English II**

Course No. 325

1 credit

Grade 10

Honors Grading Scale

Prerequisites: "A" or "B" in previous English I class; teacher recommendation and acceptable stanine/percentile on a nationally recognized achievement test

Students will study the same content areas as regular English II with additional requirements in literature and composition.

➤ **College Prep English III**

Course No. 330

1 credit

Grade 11

Regular Grading Scale

Prerequisites: English II

Students will study the following content areas: grammar, composition, American literature, study skills, vocabulary, and mass media. Students will keep an organized notebook and compose a literary analysis research paper in addition to other requirements in literature and composition.

➤ **Honors English III**

Course No. 335

1 credit

Grade 11

Honors Grading Scale

Prerequisites: "A" or "B" in previous English II class; teacher recommendation and acceptable stanine/percentile on nationally recognized achievement test

Students will study the same content areas as regular English III with additional requirements in literature and composition, including a literary analysis paper.

➤ **Advanced Placement English Language and Composition**

Course No. 339

1 credit

Grade 11

AP Grading Scale

Prerequisites: Teacher recommendation, placement exam, acceptable PLAN/PSAT and national test scores

Students will learn to write in a variety of forms—narrative, expository, satire, and argumentative—and on a variety of subjects. Students will learn how to use grammatical conventions to develop stylistic maturity in their prose. Students will analyze both fiction and non-fiction for style, theme, and voice in order to identify writers' strategies and then practice them. AP exam strategies will also be taught, and, near the completion of the course, students will take the AP exam to qualify for college credit. (A testing fee is charged for this course.)

+Journalism I

Course No.360

1 credit

Grade 10, 11, 12

Regular Grading Scale

Prerequisites: Advisor approval based on application, writing sample, teacher recommendation

Journalism is for those students who enjoy writing and are interested in the many areas of campus life. This course offers a venue for writing, reporting, and publishing. Creativity, responsibility, and the ability to work as a contributing member of a staff are required assets. The staff will publish school news in a variety of media.

+Journalism II

Course No.363

1 credit

Grade 11 & 12

Regular Grading Scale

Prerequisites: Journalism I, writing sample, Advisor approval, teacher recommendation

Students will focus on three areas of developing the CAL *Legend*: the publishing aspect of student news writing, budgeting, and editing of staff articles. Maintaining a portfolio of all journalistic writing is required. The Journalism II student is a leader who has proven outstanding credibility, organization, and responsibility as a staff writer. Journalism II will comprise the editorial staff of the CAL *Legend*.

➤ **College Prep English IV**

Course No. 340

1 credit

Grade 12

Regular Grading Scale

Prerequisites: English III

Students will study the following content areas: grammar, composition, British literature, research, study skills and vocabulary. Students will keep an organized notebook, perform library research, and compose a literary analysis in addition to studying selected Shakespearean works.

➤ **Honors English IV**

Course No. 345

1 credit

Grade 12

Honors Grading Scale

Prerequisites: "A" or "B" in previous English III class; teacher recommendation and acceptable stanine/percentile on nationally recognized achievement test

Students will study the same areas of content as regular English IV with an accelerated approach and greater depth and intensity. Students will read one work of literature outside of class each quarter.

➤ **Advanced Placement English Literature and Composition**

Course No. 349

1 credit

Grade 12

AP Grading Scale

Prerequisites: Teacher recommendation, placement exam, acceptable PLAN/PSAT and national test scores

Students will study the same content areas as regular English IV in a concentrated manner with additional emphasis on literary analysis. AP exam strategies will also be taught. Near the completion of this course, students will take the AP exam to qualify for college credit. (A testing fee is charged for this course.)

➤ **+Composition**

Course No. 350

1/2 credit (offered 1st semester only)

Grades 12

Regular Grading Scale

Prerequisites: A/B average in English, teacher recommendation, writing sample

This course is designed for 12th grade students who have a solid foundation in grammar and wish to improve their writing skills. Students will be challenged with sharpening their skills through a variety of writing experiences—studies in character, mood, plot, dialogue, theme, audience. Writers may participate in several writing contests and will develop their own portfolio.

+Speech

Course No. 351

1/2 credit (offered 2nd semester only)

Grades 12

Regular Grading Scale

Prerequisites: *A/B average in English, writing sample*

This course is designed for 12th grade students who desire to learn public speaking skills. It includes preparing and representing a variety of speeches and overcoming stage fright. Preference for enrollment in Speech will be given to Composition students.

+Yearbook

Course No. 362

1 credit

Grades 11, 12

Regular Grading Scale

Prerequisites: *Approval of advisor*

Content includes writing, editing, and proofreading. The course affords the students the opportunity to incorporate journalistic elements into the planning and production of the school's yearbook. Students will become involved in all aspects of yearbook production: writing, editing, photography, layout and design, computer, and sales.

+ An elective course does not take the place of a required English course.

FINE ARTS DEPARTMENT

Art I

Course No. 410

1 credit

Grades 9, 10, 11, 12

Regular Grading Scale

Art I is an introduction to drawing, mixed media, and painting for high school students interested in the production of two- and three-dimensional artwork. Students will learn basic techniques and skills used in various creative processes. Throughout the course, students will also be introduced to art history, artist biographies, and art appreciation. Areas of study will include: various drawing methods, painting in acrylic, clay, printmaking and graphic design. (A fee will be charged for consumables.)

+Art II

Course No. 411

1 credit

Grades 10, 11, 12

Regular Grading Scale

Prerequisites: *Art I and teacher approval*

Art II is a continuation of Art I for those students with strong artistic and creative interests who have developed a high

degree of proficiency in producing two- and three-dimensional artwork. The study of art history, artists, cultural arts and aesthetics will be included. Areas incorporated in the study are drawing techniques, pen and ink, acrylic and watercolor painting, colored pencil, graphic design, figure drawing, portraiture, ceramics, and sculpture. (A fee will be charged for consumables.)

+Art III

Course No. 412

1 credit

Grades 11, 12

Regular Grading Scale

Prerequisites: *Art II and teacher approval*

Advanced arts are for those students who have completed Art II and have been recommended by the Art teacher. The course is a studio-type setting with independent projects directed by the teacher. Students will explore various art periods and develop work that is self-expressive. Students will work in the media that they prefer with projects that introduce new techniques. (A fee will be charged for consumables.)

+Advanced Placement Art

Course No. 419

1 credit

Grade 12

AP Grading Scale

Prerequisites: *Art III and teacher approval*

This course is presented in a two-period block of time at an intense level in a studio-type setting by the Art teacher. Students will create approximately one completed piece of artwork a week. Projects will also be completed independently. Each student will photograph and log his or her work in a portfolio to be presented to the College Board to qualify for AP college credit in the spring. (A testing fee is charged for this course.)

+Art Journals/Altered Books

Course No. 404

1/2 credit (offered 1st semester only)

Grades 10, 11, 12

Regular Grading Scale

Prerequisite: *Art I*

Art elective open to all students who have completed Art I. Students will work in the art world's newest trend of altered books and art journals. Students will creatively alter various books, calendars and children's books. Students will create several art journals. Students will work with various media such as paint, paper, photographs and embellishments.

+Art Paper Expressions

Course No. 417

1/2 credit (offered 2nd semester only)

Grades 10, 11, 12

Regular Grading Scale

Prerequisite: *Art I*

This class is for students with artistic ability who possess a strong interest in learning more about paper as an art form. It highlights many ways to manipulate paper to create wonderful works of art. Students will create interesting projects such as collage, scrapbooking, altered art, papier mache, paper making, marbling, origami and stamping.

+Ceramics

Course No. 406

1/2 credit (offered 2nd semester only)

Grades 10, 11, 12

Regular Grading Scale

Prerequisite: *Art I*

Art elective open to all students who have completed Art I. Students will learn about basic clay concepts such as hand building techniques, additive coil structures and pottery wheel instruction. Students will create many different clay projects and follow them through the firing and glazing process. Students will learn to load and fire a kiln.

+ Painting

Course No. 402

1/2 credit (offered 1st semester only)

Grades 10, 11, 12

Regular Grading Scale

Prerequisite: *Art I*

In this course, students will be exposed to various painting surfaces. This first semester class will explore watercolor and acrylic painting on canvases, mirrors, fabric, and 3-D objects. Students will learn different brush manipulations and painting techniques specific to the type of paint. Students will be responsible for purchasing various painting substrates throughout the semester.

+Digital Photography

Course No. 416

1 credit

Grade 12 (11 if space permits)

Regular Grading Scale

Prerequisites: *Must own digital camera*

The 1st semester will be devoted to the history of photography, how to use your camera, various photographic techniques and composition skills. Students will work independently out of class on specific assignments and be financially responsible for developing of assigned photographs. The 2nd semester students will use their photographs on Photo Shop Elements in a variety of ways.

Mixed Choir**Course No. 424****1 credit****Grades 9, 10, 11, 12****Regular Grading Scale**

Choir is a non-audition group for students with minimal or no choral singing experience. This ensemble meets every day with the purpose of emphasizing basic fundamental choral skills, which include music literacy, sight reading, vocal technique, and introductory music theory. Students will perform regularly throughout the duration of the class. Grades consist of daily participation, sight singing and rhythm quizzes and exams, performances, and written assignments. Participation outside of the regular school day will be required and graded. \$30 fee

Concert Choir**Course No. 420****1 credit****Grades 9, 10, 11, 12****Regular Grading Scale****Prerequisite: audition required**

Concert Choir is an intermediate level auditioned group, building on the basic fundamental choral skills attained from Beginning Choir and previous choral singing experience. This group performs a variety of accompanied and a cappella standard choral literature at varying levels of difficulty. Students will perform regularly throughout the semester in the school and community setting. Grades consist of daily participation, sight singing and rhythm quizzes and exams, performances, and written assignments. Participation outside of the regular school day will be required and graded. \$30 fee

Advanced Ensemble**Course No. 422****1/2 credit****Grades 9, 10, 11, 12 (20 students only)****Regular Grading Scale****Prerequisite: audition required and Director approval**

Advanced Ensemble is an auditioned group that will likely meet before school MWF 7:30-8:15. This elite group specializes in small-ensemble and a cappella works, including madrigals and contemporary/pop literature. Advanced Ensemble will perform regularly in the school and community setting. Grades consist of regular participation, written and group assignments, and performances. Participation outside of the regular school day will be required and graded. \$30 fee

Show Choir**Course No. 423****1 credit****Grades 9, 10, 11, 12****Regular Grading Scale****Prerequisite: audition required**

Show Choir is an auditioned, performance-based group specializing in Broadway and musical theater repertoire. Students will have the opportunity to perform throughout the school year. Participation in this group requires some after-school rehearsals. Grades consist of regular participation, group assignments, and performances. Participation outside of the regular school day will be required and graded. \$30 fee

Worship Seminar**Course No. 426****1 credit****Grades 9, 10, 11, 12 (12 students only)****Regular Grading Scale**

Worship Seminar is available to students desiring to enhance and increase their knowledge as lead worshippers and is open to both vocal and instrumental students. This course requires performance-based elements to demonstrate skills and concepts as well as regular reading and research assignments. Course topics include worship theology, the history of church music, the role of music in worship, worship leadership skills, contemporary music theory, worship media and technology, worship music literature, and instrumental development.

Concert Band**Course No. 430****1 credit****Grades 9, 10, 11, 12****Regular Grading Scale****Prerequisite: Director approval**

The Concert Band is an instrumental music-performing group that will participate in concerts, chapel programs, music festivals, contests, and other school or community events. Participation outside of the regular school day is required and will be part of the grade. Pep band is required by selected members of the Concert Band and they will be expected to perform at selected home football and basketball events. (\$25 fee for Smart Music, plus additional uniform fee.)

Jazz Band**Course No. 432****1/2 credit****Grades 9, 10, 11, 12****Regular Grading Scale****Prerequisites: Director approval**

The Jazz Band is an instrumental music group that meets before school on Tuesday and Thursday. The group will be expected to play in concerts, chapel

programs, music festivals, contests, and other school or community events. Participation outside of regular school day will be required and graded.

This course does not meet during the regular school day, but before school two mornings a week and cannot be selected during online registration. Students will be scheduled manually after auditions.

Honors Jazz Band**Course No. 435****1/2 credit****Grades 11, 12****Honors Grading Scale****Prerequisites: Audition and Director approval**

The Honors Jazz Band will be the elite instrumental music group that meets before school on Monday, Wednesday and Friday. The group will be expected to play in concerts, chapel programs, music festivals, contests, and other school or community events. Participation outside of regular school day will be required and graded. A paper covering course topics such as jazz theory, improvisation, history and transformation of jazz will be required.

This course does not meet during the regular school day, but before school three mornings a week and cannot be selected during online registration. Students will be scheduled manually after auditions.

Wind Ensemble**Course No. 437****1 credit****Grades 9, 10, 11, 12****Regular Grading Scale****Prerequisites: Audition only**

This is a focused, intense music-performing ensemble developing excellence in performance. They will participate in concerts, chapel programs, music festivals, contests, and other school or community events. Participation outside of the regular school day is required and will be part of the grade. (\$25 fee for Smart Music, plus additional uniform fee.)

Conducting**Course No. 448****Grades 11, 12****Regular Grading Scale****Prerequisites: Band, Choir or Orchestra**

The course is designed to expand and define the mechanical skills developed particularly baton technique, usage of the left hand in conducting, and a deeper understanding of the musical score. In addition, attention is given to score preparation, to the understanding of transposition, rehearsal techniques, interpretation, and to the entire process

of non-verbal communication necessary for successful communication as a conductor.

Orchestra
Course No. 431
1 credit

Grades 9, 10, 11, 12
Regular Grading Scale

Orchestra is a performing string ensemble that studies music from different periods of history. The instruments used in string orchestra are the violin, viola, cello and string bass. Class time will include technical development on the instrument and rehearsal of the performance literature. Due to the performance nature of the course, concert attendance is required. Grading will be based upon the student's progress on the instrument, class participation, ability to work with others, and the quality of performance in concerts. Participation outside class time is required and will be part of the grade. (\$25 fee for Smart Music, plus additional uniform fee.)

+Music Theory and History
Course No. 440
1 credit

Grades 9, 10, 11, 12
Regular Grading Scale

Students will engage in thorough training in the melodic, harmonic, and rhythmic elements of music, while coming to understand the ins and outs of how music works. A survey of music from early to modern times will be introduced. This course aims to widen the musical horizons and receptiveness of the standard listener, making him/her a more understanding listener to radio, television, and professional concerts.

+Advanced Placement Music Theory
Course No. 449
1 credit

Grades 11, 12
AP Grading Scale

Prerequisites: A or B in *Music Theory and History* and *teacher approval*

AP Music Theory is an in-depth look into ways of understanding and making music on a collegiate level. In this class we will review the basics of reading music and take an integrated approach to harmony, ear training, and compositional techniques which will better prepare students for not only the AP college exam but also the entrance exam for any college music department. A testing fee is charged for this course.

Theatre Arts
Course No. 450
1 credit

Grades 10, 11, 12
Regular Grading Scale

This course offers a study of the foundations of theatre performance and production. Topics include an introduction to classic and contemporary theatre as well as acting, staging, costuming, etc. Participation outside of class time is required and is part of the grade.

FOREIGN LANGUAGE DEPARTMENT

French I
Course No. 510
1 credit

Grades 9, 10, 11, 12
Regular Grading Scale

French I introduces the student to new communication skills through visual, auditory, and hands-on learning. The goal is to understand the language and to be able to communicate with others on a sound basic level.

French II
Course No. 511
1 credit

Grades 9, 10, 11, 12
Regular Grading Scale

Prerequisites: *French I*

French II expounds on skills, vocabulary, and verbs introduced in French I by encouraging fluency in past and future tenses. Comprehension is expected in verbal skills as well as written skills. French II incorporates more reading and personal expression through creative writing.

Honors French III
Course No. 515
1 credit

Grades 10, 11, 12
Honors Grading Scale

Prerequisites: "A" or "B" in *French II* and *teacher recommendation*

Vocabulary is expanded, as are verb tenses. Communication and understanding remain the main concerns. More emphasis is placed on reading comprehension and the expression of the content therein.

Honors French IV
Course No. 525
1 credit

Grades 11, 12
Honors Grading Scale

Prerequisites: "A" or "B" in *Honors French III* and *teacher recommendation*

This course seeks to build upon and provide practice for maintaining and improving one's proficiency in using the French language to understand and produce written and oral communication.

Included is an introduction to French literature. A student may elect to take the AP exam at the end of the school year, for which a testing fee is charged.

Latin I
Course No. 530
1 credit

Grades 9, 10, 11, 12
Regular Grading Scale

Latin I introduces the student to classical Latin. Students will gain a fundamental understanding of the Latin language, including a beginning vocabulary of almost 300 words. Students will also study ancient Roman personalities and culture.

Latin II
Course No. 531
1 credit

Grades 9, 10, 11, 12
Regular Grading Scale

Prerequisites: *Latin I*

As a continuation of Latin I, students will extend their understanding of classical Latin to an intermediate level. Students will increase their vocabulary to almost 600 words. Students will also study modern Rome and the Latin Vulgate Bible.

Honors Latin III
Course No. 535
1 credit

Grades 10, 11, 12
Honors Grading Scale

Prerequisites: "A" or "B" in *Latin II* and *teacher recommendation*

Students will learn more complex words. They will develop confidence in translating and understanding classics from the Latin to English. They will have a better understanding of the development of history of the language. Students will be exposed to the application of Latin to different modern careers. Students will also learn more complex semantics.

Honors Latin IV
Course No. 545
1 credit

Grades 11, 12
Honors Grading Scale

Prerequisites: "A" or "B" in *Latin III* and *teacher recommendation*

Students will build on the grammatical principles and the cultural lessons learned in Latin I, II & III and will explore the literature and legacy of ancient Greece and Rome through the middle ages. Students will be exposed to the most famous and enduring Classical authors and will practice translating portions of the Vulgate, Vergil, Catullus, Martial, Ovid and others.

Spanish I
Course No. 550
1 credit

Grades 9, 10, 11

Regular Grading Scale

Spanish I introduces basics of the language, vocabulary acquisition, grammar/structure, and pronunciation, in order to build linguistic ability. Students will develop listening, speaking, reading, and writing skills.

Accelerated Spanish I
Course No. 570
1 credit

Grades 9, 10, 11

Regular Grading Scale

Prerequisites: "A" or "B" in Middle School Spanish and teacher recommendation

A year-long, accelerated Spanish I program for highly-motivated students with previous exposure to basic Spanish vocabulary and grammar. Students will develop proficiency in reading, listening, writing and speaking skills in a fast-paced learning environment while preparing them for the Honors track.

Spanish II
Course No. 551
1 credit

Grades 9, 10, 11, 12

Regular Grading Scale

Prerequisites: Spanish I

A comprehensive review of all first year grammar where oral communication, reading and writing skills are stressed. The emphasis continues to be on verb/vocabulary acquisition and incorporates more reading and cultural analysis.

Honors Spanish II
Course No. 585
1 credit

Grades 9, 10, 11, 12

Honors Grading Scale

Prerequisites: "A" or "B" in Spanish I or "A" or "B" in Accelerated Spanish I, acceptable standardized test score and teacher recommendation

This is an accelerated program for highly motivated students. Students will be challenged in a fast-paced learning environment with advanced projects to enhance verbal communication, reading, writing and listening skills while preparing them for higher level Spanish.

Honors Spanish III
Course No. 555
1 credit

Grades 10, 11, 12

Honors Grading Scale

Prerequisites: "A" or "B" in Spanish II and teacher recommendation

Increased use of oral communication with an emphasis on reading/writing skills and

Hispanic culture. Students will develop confidence in communicative ability through situational experiences.

Honors Spanish IV
Course No. 565
1 credit

Grades 11, 12

Honors Grading Scale

Prerequisites: "A" or "B" in Spanish III and teacher recommendation

Continues where Spanish III concludes, including more Hispanic literature from the Middle Ages to present day. This course also includes more complex grammar and vocabulary with emphasis on speaking and writing skills.

Advanced Placement Spanish
Language IV
Course No. 569
1 credit

Grades 11, 12

AP Grading Scale

Prerequisites: "A" or "B" in Spanish III and teacher recommendation

This class covers the equivalent of a third-year college course in advanced Spanish writing and conversation. It encompasses aural/oral skills, reading comprehension, grammar, and composition. Students taking such a course, emphasizing the use of Spanish for active communication, have the following objectives: 1) the ability to comprehend formal and informal spoken Spanish; 2) the acquisition of vocabulary and a grasp of structure to allow the easy, accurate reading of newspaper and magazine articles, as well as of modern literature in Spanish; 3) the ability to compose expository passages; and 4) the ability to express ideas orally with accuracy and fluency. Near the completion of this course, students will take the AP exam to qualify for college credit. (A testing fee is charged for this course.)

Honors Spanish V
Course No. 575
1 credit

Grade 12

Honors Grading Scale

Prerequisites: "A" or "B" in Honors Spanish IV or AP Spanish and teacher recommendation

This class concentrates on reading Spanish literature; writing summaries of each reading; and discussing historical context, main topics and applications of those pieces of literature. Students will have the opportunity to keep their Spanish current through reading comprehension and increased vocabulary acquisition. At the conclusion of this class students should be ready to study classic and modern literature in Spanish, including the Bible.

HEALTH, PHYSICAL EDUCATION & HOME ECONOMICS DEPARTMENT

Health

Course No. 601 (Boys) (1st semester)

Course No. 602 (Girls) (2nd semester)

1/2 credit

Grade 9

Regular Grading Scale

The purpose of this class is to present the Bible as the foundation for a healthy lifestyle. This class will deal with the integration of the physical, emotional, mental, social, and spiritual dimensions.

Physical Education

Course No. 603 (Boys) (2nd semester)

Course No. 604 (Girls) (1st semester)

1/2 credit

Grade 9

Regular Grading Scale

Ninth grade physical education deals with the development of team sports skills such as basketball, soccer, softball, volleyball, floor hockey, as well as some of the individual activities such as weight training and aerobics. Calisthenics and physical fitness exercises are a part of each day's activities. (A CAL physical education uniform is required, and a separate fee may be charged for Red Cross certification for CPR.)

Advanced Wellness for Boys

Course No. 622A (1st semester only)

Course No. 622B (2nd semester only)

1/4 credit 622 A or B

Grades 10, 11, 12

Regular Grading Scale

Prerequisites: Physical Education, Health, teacher recommendation

Advanced Wellness for boys will meet daily before school from 7:30 – 8:15. Boys will engage in and explore a variety of fitness, team and individual sports and/or games as well as indoor/outdoor adventure activities. This course is designed to help students build their own personal exercise programs by incorporating fitness into sports, games and other activities they may not do on a normal basis. Activity logs and field trips are all part of this program. Limited enrollment.

+Advance Wellness for Girls

Course No. 624A (1st semester only)

Course No. 624B (2nd semester only)

1/2 credit 624 A or B

Grades 10, 11, 12

Regular Grading Scale

Prerequisites: *Physical Education, Health, teacher recommendation*

Students will engage in and explore a variety of advanced fitness (strength, cardiovascular, aerobic) activities and indoor/outdoor adventure activities, sports and games. This course is designed to help students build and apply their own personal exercise programs by incorporating fitness with other activities not done on a normal basis. Fitness tests, activity logs and field trips are all part of this program. There is a fee for this class.

+Home Economics

Course No. 650

1 credit

Grades 9, 10, 11, 12

Regular Grading Scale

This course is designed to teach basic knowledge in each of the five major subject matters in Home Economics: Foods and Nutrition, Human Growth and Development, Housing and Home Furnishings, Clothing and Textiles, and Financial Management and Consumerism. Students will experience hands-on learning through the use of labs. This course may be taken only once. (A fee will be charged for consumables.)

Clothing & Textiles

Course No. 652

1 credit (full year)

Course No. 652A (1st semester only)

Course No. 652B (2nd semester only)

1/2 credit 652A or B

Grades 10, 11, 12

Regular Grading Scale

Prerequisites: *Home Economics or teacher approval*

This course will emphasize the elements and principles of design and application in clothing construction. Students will be taught to construct garments. (A fee will be charged and students will be responsible for providing fabric for garments.)

Culinary Arts

Course No. 653 (full year)

1 credit

Course No. 653A (1st semester only)

Course No. 653B (2nd semester only)

1/2 credit for 653 A or B

Grade 12

Regular Grading Scale

Prerequisites: *Home Economics or teacher approval*

This course is designed to continue with the cooking skills introduced in Home Economics. Students will learn more

advanced skills necessary for planning and preparing nutritious meals and catering. Students will experience hands-on learning through the use of labs. Participation outside class time is required and will be part of the grade. (A fee will be charged for consumables.)

MATHEMATICS DEPARTMENT

Note: Students may only move from non-honors courses to honors courses with departmental permission and an acceptable score on a placement test. Students who wish to take Geometry and Algebra II in the same year must take both courses at the honors level if they wish to take Honors Precalculus and must obtain departmental approval before registering.

College Prep Algebra I

Course No. 710

1 credit

Grades 9, 10

Regular Grading Scale

This is the first course of higher-level math and is the basis for all math courses taught at the high school level. Topics of study include solving equations, graphing equations, solving systems of equations, solving and graphing inequalities, properties of exponents, introduction to polynomial equations and factoring, rational equations, and properties of radicals.

Honors Algebra I

Course No. 715

1 credit

Grades 9, 10

Honors Grading Scale

Prerequisite: *Teacher recommendation and test scores*

The content is the same as that of Algebra I, but is covered in greater depth. There is also an emphasis on problem solving and higher-level thinking.

College Prep Geometry

Course No. 720

1 credit

Grades 9, 10, 11

Regular Grading Scale

Prerequisites: *Algebra I*

Geometry introduces the students to proofs and deductive reasoning. Topics of study include proofs, congruence of triangles, parallel lines, properties of various quadrilaterals, properties of right triangles, special right triangles, circles, areas, volumes, coordinate geometry, transformations, and preparation for college entrance examinations.

Honors Geometry

Course No. 725

1 credit

Grades 9, 10, 11

Honors Grading Scale

Prerequisites: *An average of C+ or higher in Honors Algebra I or 8th grade Algebra and teacher recommendation*

Introduces the student to proofs, inductive and deductive reasoning, and indirect proofs with analytical thinking processes and challenging problem solving. Topics of study include proofs, congruence of triangles, parallel lines, properties of various quadrilaterals, properties of right triangles, special right triangles, circles, areas, volumes, coordinate geometry, transformations, and preparation for college entrance examinations.

College Prep Algebra II

Course No. 730

1 credit

Grades 10, 11, 12

Regular Grading Scale

Prerequisites: *Algebra I and Geometry*
Algebra II is the second year of Algebra taught at the secondary level. This course extends the students' knowledge of concepts learned in the first Algebra course and covers solving systems of equations, matrices, quadratic equations, functions, exponents, and sequences and series.

Honors Algebra II

Course No. 735

1 credit

Grades 10, 11, 12

Honors Grading Scale

Prerequisites: *Honors Algebra I, an average of C+ or higher in Honors Geometry and teacher recommendation*

This course stresses the methods of mathematical problem-solving with emphasis on patterns, relationships, and problem-solving strategies. Higher order equations and transcendental functions are covered. The graphing calculator is used as a tool of discovery and for checking work. It is the goal of this course to strengthen the students' critical thinking skills and to show how mathematical thinking can be applied in all disciplines.

College Prep Precalculus

Course No. 740

1 credit

Grades 11, 12

Regular Grading Scale

Prerequisites: *Algebra I, Geometry and Algebra II*

Precalculus includes the study of polynomials and their zeros, rational functions, functions that involve radicals, the trigonometric functions, logarithmic and exponential functions, including the

applications and graphs of each. Solving systems of linear equations, sequences, series, and applications of probability are also covered.

➤ Honors Precalculus

Course No. 745

1 credit

Grades 11, 12

Honors Grading Scale

Prerequisites: *Honors Algebra I, Honors Geometry, an average of C+ or higher in Honors Algebra II and teacher recommendation*

Honors Precalculus includes the topics covered in Precalculus, but they are covered in greater detail. Also, higher-level reasoning is stressed.

College-prep Elementary Statistics and Finite Math

Course No. 750

1 credit

Grade 12

Regular Grading Scale

Prerequisite: **Precalculus or honors Precalculus**

Elementary statistics includes graphical displays of data as well as calculation of probabilities. Frequency distributions, the normal distribution, collecting and interpreting data, forming mathematically sound hypothesis, and communicating information will be covered. Finite math includes applications to business, biology and the social sciences including linear functions and inequalities, matrix algebra to solve systems of multiple linear functions, linear programming, and probability with emphasis on mathematical modeling of stated application problems. Management science and growth and symmetry in nature are also covered.

College-Prep Senior Math

Course No. 760

1 credit

Grade 12

Regular Grading Scale

Prerequisites: *Algebra II or Precalculus*

This course is designed to prepare students for college-level mathematics. It consists of a review of pre-college mathematics skills, as well as applications of mathematics. The first semester will focus on ACT/SAT preparation and a review of algebra. The second semester will include business and other practical applications of mathematics.

➤ Honors Calculus

Course No. 755

1 credit

Grade 12

Honors Grading Scale

Prerequisites: *Precalculus or Honors Precalculus*

Calculus is the branch of mathematics that deals with change. It includes the study of limits, maximum and minimum values, functions and their graphs, the area under a curve, velocity, speed, and other rates of change.

➤ Advanced Placement Calculus

Course No. 759

1 credit

Grade 12

AP Grading Scale

Prerequisites: *An average of B+ or higher in Honors Precalculus and teacher recommendation*

Calculus is the branch of mathematics that deals with change. It includes the study of limits, maximum and minimum values, functions and their graphs, the area under a curve, velocity, speed, and other rates of change. Near the completion of this course, students will take the AP exam to qualify for college credit. (A testing fee is charged for this course.)

SCIENCE DEPARTMENT

➤ College Prep Biology

Course No. 810

1 credit

Grades 9, 10

Regular Grading Scale

Biology students will focus on basic cell structure, cell function, genetics, photosynthesis, ecology, classification, and evolution/creation. Students will have an overview of the body systems. Application of scientific method and problem-solving techniques will be taught along with proper laboratory techniques.

➤ Honors Biology

Course No. 815

1 credit

Grades 9, 10

Honors Grading Scale

Prerequisites: *Teacher recommendation and acceptable standardized test scores*

Honors Biology students will focus on basic cell structure, cell function, genetics, photosynthesis, ecology, classification and evolution/creation. Students will learn an overview of basic body systems. Application of scientific method and research techniques will be developed through required participation in the CAL science fair. Problem-solving techniques will be taught along with proper laboratory method. Students are encouraged to focus on higher learning skills through the integration and

application of concepts and will be encouraged to strengthen their investigative and critical thinking skills.

➤ Advanced Placement Biology

Course No. 819

1 credit

Grades 11, 12

AP Grading Scale

Prerequisites: *Honors Chemistry, Honors Biology, and teacher recommendation*

Students will expand on concepts learned in Honors Biology. Special focus will be given to the relationship between these concepts and their application through problem solving. Topics include: cell biology, genetics, ecology, animal behavior, taxonomy, evolution and comparative animal and plant biology. AP exam strategies will also be taught. This is a rigorous course designed to prepare students for success on the Advanced Placement College Board exam. Participation in the CAL science fair is NOT required. (A testing fee is charged for this course.)

➤ College Prep Chemistry

Course No. 820

1 credit

Grades 10, 11

Regular Grading Scale

Prerequisites: *Biology, Algebra I*

Chemistry students will be taught proper laboratory techniques and continue to develop problem-solving skills. The student will apply information both quantitatively and qualitatively and incorporate accumulated knowledge with new information. Specific topics studied will be matter and energy, chemical formulas and equations and their mathematical application, gas laws, chemical bonding, the periodic table, and atomic structure.

➤ Honors Chemistry

Course No. 825

1 credit

Grades 10, 11

Honors Grading Scale

Prerequisites: *"A" or "B" in Honors Biology and Math, and recommendation of a Math and Science teacher*

This is a physical science course designed to introduce students to laboratory equipment and proper laboratory technique. Students will develop problem solving skills through class work and laboratory activities. Topics studied include matter and energy, chemical formulas and equations, the mathematical application of these equations, gas laws, chemical bonding, solutions and the periodic table. Scientific method and research skills will

be developed through required participation in the CAL science fair.

Advanced Placement Chemistry

Course No. 829

1 credit

Grades 11, 12

AP Grading Scale

Prerequisites: *Honors Chemistry, Honors Biology, and teacher recommendation*

Students will expand on the important chemical concepts covered in Honors Chemistry. These concepts include stoichiometry, states of matter, the structure of matter, and descriptive chemistry. Through problem solving, special focus will be given to the relationships between concepts and their applications. The topics of chemical equilibria, acid base chemistry, kinetics, thermodynamics, and electrochemistry will be introduced. Laboratory experiments will be conducted to reinforce the material studies. Students will develop the skills of data interpretation and error analysis through laboratory work. AP exam strategies will also be taught. This is a rigorous course designed to prepare students for success on the required Advanced Placement College Board exam. Participation in the CAL science fair is NOT required. (A testing fee is charged for this course.)

College Prep Physics

Course No. 830

1 credit

Grades 11, 12

Regular Grading Scale

Prerequisites: *Precalculus or College Prep Math must be taken concurrently with Physics.*

Students will spend most of their time covering the area of mechanics and some time will be spent on thermal physics and waves. These topics will be studied in depth and do require higher-learning skills. Students will use their algebra and geometry background to solve expressions dealing with the laws of physics. A strong understanding of these math skills is critical for success in this course. Proper lab techniques and problem solving will be practiced.

Honors Physics

Course No. 835

1 credit

Grades 11, 12

Honors Grading Scale

Prerequisites: *Precalculus must have already been taken or must be taken concurrently with Honors Physics, math admissions test and teacher recommendation*

Students will study the areas of mechanics, waves, and thermal physics. These

topics will be covered in depth and do require higher-learning skills. Students will also use their algebra and geometry backgrounds to solve expressions dealing with the laws of physics. A strong understanding of these math skills is critical for success in this course. Honors Physics will cover more topics and will therefore move at a faster pace than the regular physics course. Proper lab techniques and problem-solving will be practiced. Participation in the CAL science fair is NOT required.

Advanced Placement Physics

Course No. 839

1 credit

Grade 12

AP Grading Scale

Prerequisites: *Calculus must be taken concurrently, Honors Physics and teacher recommendation*

Students will focus on five general areas of physics: Newtonian Mechanics, Fluid Mechanics and Thermal Physics, Electricity and Magnetism, Waves and Optics, and Atomic and Nuclear Physics. These topics will be covered in depth and do require higher-learning skills. Laboratory experience will also be a part of the course. This will be extremely beneficial to students in their understanding of the topics covered. Students will need to become proficient in problem-solving and the application of fundamental principles to a wide variety of situations. Near the completion of this course, students will take the Physics AP exam to qualify for college credit. Participation in the CAL science fair is NOT required. (A testing fee is charged for this course.)

College Prep Anatomy & Physiology

Course No. 840

1 credit

Grades 11, 12

Regular Grading Scale

Prerequisites: *Biology and Chemistry*

Anatomy students will focus on the anatomical systems of the human body with an introduction to the physiological processes seen in humans. Dissections will be utilized throughout the year to stress each system being studied. Students who register for the class MUST participate in the dissection process.

Honors Anatomy and Physiology

Course No. 845

1 credit

Grades 11, 12

Honors Grading Scale

Prerequisites: *"A" or "B" in Honors Chemistry and teacher recommendation*

Students will focus on the systems of Anatomy and Physiology and investigate, through dissection, an in-depth examination of each system. An emphasis is also

made on the application of acquired knowledge to case studies of real-life situations. Critical-thinking skills will be utilized throughout the year for a deeper study of the human body. Students who register for this class MUST participate in the dissection process. Participation in the CAL science fair is NOT required.

+Honors Scientific Research/Forensic Science

Course No. 855

1 credit

Grades 10, 11, 12

Honors Grading Scale

Prerequisites: *"A" or "B" average in previous science class and teacher recommendation.*

Students will study research techniques using DNA Technology and Forensic Science. This curriculum will be student-based as the student designs a research plan and implements the design into a science fair project. The first semester will focus on morals and ethics in science research, plus the development and implementation of a science fair project. The second semester will focus on Forensic Science. Students entering this class MUST be organized and have a desire to spend additional time working on their science fair projects. Projects will be run within the classroom setting (when applicable) as well as time given during class to research and write their research/science fair paper. This class is an elective and cannot be substituted for any regular science class. All students will be required to participate in the CAL and Regional science fair. (A laboratory fee is required for this class.)

+ An elective course does not take the place of a required science course.

SOCIAL STUDIES DEPARTMENT

College Prep World Civilization

Course No. 930

1 credit

Grade 10

Regular Grading Scale

The World Civilization student will begin with a review of ancient civilizations in Asia and Europe and continue through the Middle Ages. The primary study will focus on the time period from the Renaissance to present world situations. Special emphasis will be given to God's hand at work in the course of history.

📖 **Honors World Civilization**

Course No. 935

1 credit

Grade 10

Honors Grading Scale

Prerequisites: "A" or "B" in English, English teacher recommendation, and acceptable stanine/percentile scores on nationally recognized achievement test

The Honors World Civilization student will begin with a review of ancient civilizations in Asia and Europe and continue through the Middle Ages. The primary study will focus on the time period from the Renaissance to present world situations. The student will be involved in critical reading of primary and secondary sources and in individual research. High levels of learning, critical thinking, and decision-making will be required of the successful honors student. Special emphasis will be given to God's hand at work in the course of history.

📖 **College Prep U.S. History**

Course No. 960

1 credit

Grade 11

Regular Grading Scale

Prerequisites: *World Civilization*

The U.S. History student will be exposed in detail to the history of the United States from 1865 to the present. Special emphasis will be given to God's hand at work in the course of history.

📖 **Honors U.S. History**

Course No. 965

1 credit

Grade 11

Honors Grading Scale

Prerequisites: "A" or "B" in Honors World Civilization, teacher recommendation and acceptable stanine/percentile scores on nationally recognized achievement test

Honors U.S. History will examine the history of America from its founding to the present with emphasis on the 20th century. Because of the depth of material to be studied, the course will proceed at an accelerated pace. The students will gain an awareness of the hand of God leading in the discovery of America and how He has influenced the founding of this nation and the laws that have guided it.

📖 **Advanced Placement U.S. History**

Course No. 969

1 credit

Grade 11

AP Grading Scale

Prerequisites: *An average of B+ or higher in Honors World Civilization, teacher recommendation and acceptable*

stanine/percentile scores on nationally recognized achievement tests.

AP U.S. History is a challenging course that is meant to be the equivalent of a college survey course. The course encompasses American history from the age of exploration to the present with emphasis placed on God's hand at work in the course of history. The course will require solid reading and writing skills, along with a willingness to devote considerable time to homework and study. Emphasis is placed on critical thinking skills, essay writing and interpretation of primary and secondary sources. Near the completion of this course, students will take the AP exam to qualify for college credit. (A testing fee is charged for this course.)

📖 **College Prep Economics**

Course No. 970

1/2 credit (offered 2nd semester only)

Grade 12

Regular Grading Scale

This course encompasses the major theories and the work of recognized experts in the field. The course also covers paycheck management, simple banking procedures, various aspects of the taxation process and consumerism using Dave Ramsey's Financial Peace curriculum.

📖 **Honors Economics**

Course No. 975

1/2 credit (offered 2nd semester only)

Grade 12

Honors Grading Scale

Prerequisites: "A" or "B" in Honors or AP U.S. History, teacher recommendation and acceptable stanine/percentile scores on nationally recognized achievement test

The Honors Economics student will be exposed to a course of study that encompasses major theories and the work of some recognized experts in the field. This course also covers paycheck management, simple banking procedures, various aspects of the taxation process, and consumerism using Dave Ramsey's Financial Peace curriculum. Both micro- and macroeconomics will be explored and special emphasis will be given to the Christian's view of stewardship.

📖 **College Prep U.S. Government**

Course No. 980

1/2 credit (offered 1st semester only)

Grade 12

Regular Grading Scale

This course introduces students to a study of the foundations of American government and encourages and equips them to take an active role in the governmental process.

📖 **Honors U.S. Government**

Course No. 985

1/2 credit (offered 1st semester only)

Grade 12

Honors Grading Scale

Prerequisites: "A" or "B" in Honors or AP U.S. History and teacher recommendation

The Honors U.S. Government student will be exposed to a detailed study of the foundations of American government. The composition and workings of the three branches of our government will be explored as well as several landmark Supreme Court cases. In some cases, role-playing will be used in a mock legislature and courtroom case. Honors students will be encouraged and equipped to take an active role in the governmental process. Special emphasis will be given to God's hand in the founding of our nation.

+**Global Perspectives**

Course No. 920

1 credit

Grades 9, 10, 11, 12

Regular Grading Scale

Students will examine contemporary world issues and events through the lens of geography. After examining the physical geography, culture, society, religion, etc. of a particular country or region, students will study how those factors impact that area today. Special focus will be given to the state of the Church throughout the world.

📖 **+Introduction to Psychology**

Course No. 901

1 credit

Grades 11, 12

Regular Grading Scale

Students will study the science of the mind and human behavior. Topics will include the history of psychology, learning and memory, theories of human development, research methods, theories of personality, and social interaction. Special emphasis will be given to Christian perspectives on these topics.

📖 **+Advanced Placement Psychology**

Course No. 909

1 credit

Grade 12

AP Grading Scale

Prerequisites: *Acceptable PLAN/PSAT and national test scores, teacher recommendation.*

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. In

Four Year Planner

addition, students will learn about the ethics and methods psychologists use in the science and practice. Near the completion of this course, students will take the AP exam to qualify for college credit. (A testing fee is charged for this course.)

+An elective course does not take the place of a required Social Studies course

COLLEGE BOUND STUDENT ATHLETES

The NCAA has approved courses for use in establishing the initial eligibility certification status of student athletes. Students hoping to play sports in college for a Division I school must complete 16 core classes in high school. To play Division II you must complete 14 core classes in high school. Division III does not use the Eligibility Center.

☞ Denotes core classes at CAL approved by the Eligibility Center.



New this year...
School of Fine Arts!
 In addition to the Standard, College Prep and Honors Diploma offerings, graduates of the School of fine Arts will also receive a diploma with a special Fine Arts designation reflecting their successful completion of the program requirements. To receive the Fine Arts Designation, students must complete all required coursework and maintain a 3.0 grade point average in all classes specific to their fine arts track.
 Please check the **School of Fine Arts** website <http://www.christianacademyschools.org/sfa/> for the descriptions of eligible classes and additional information.

9th Grade

Bible I (S1) _____
 Bible I (S2) _____
 English 1 _____
 Health and P.E. _____
 Math _____
 Science _____
 Elective _____
 Elective _____

11th Grade

Bible III (S1) _____
 Bible III (S2) _____
 English III _____
 U.S. History _____
 Math _____
 Science _____
 Elective _____
 Elective _____

10th Grade

Bible II (S1) _____
 Bible II (S2) _____
 English II _____
 World Civilization _____
 Math _____
 Science _____
 Elective _____
 Elective _____

12th Grade

Bible IV (S1) _____
 Bible IV(S2) _____
 English IV _____
 Math _____
 U.S.Gov & Economics _____
 Elective _____
 Elective _____
 Elective _____

NOTES:

Diploma Programs Available

Fine Arts see School of Fine Arts:
www.christianacademyschools.org/sfa/

The **Standard Program** provides a basic traditional education.

General Requirements:

1. The student shall attend eight semesters, grades 9-12.
2. The student shall complete a minimum of 22 credits including one credit of Bible for each year of attendance at CAL.
3. The student shall complete 15 hours of community service per year, grades 9-12. Half of the hours **may** be completed in a church setting, and half **must** be served in a community setting. Students are encouraged to complete 15 hours each year they are at CAL rather than large projects that cover multiple years.

Specific Requirements:

- Bible—4 credits (or 1 credit for each year at CAL)
- English—4 credits
- Mathematics—4 credits
- Science—3 credits
- Social Studies—3 credits
- Physical Education—1/2 credit
- Health Education—1/2 credit
- Fine Arts—1 credit
- Computer—1 credit (or satisfactory score on proficiency exam)
- Electives—2 credits (3 credits if you pass computer proficiency test)

The **College Prep Program** is more intense and includes course work required by major colleges and universities.

General Requirements:

1. The student shall attend eight semesters, grades 9-12.
2. The student shall complete a minimum of 24 credits including one credit of Bible for each year of attendance at CAL.
3. The student shall achieve a minimum cumulative weighted grade point average of 3.0.

4. The student shall complete 15 hours of community service per year, grades 9-12. Half of the hours **may** be completed in a church setting, and half **must** be served in a community setting. Students are encouraged to complete 15 hours each year they are at CAL rather than large projects that cover multiple years.

Specific Requirements:

- Bible—4 credits (or 1 credit for each year at CAL)
- English—4 credits
- Mathematics—4 credits
- Science—3 credits
- Social Studies—3 credits
- Foreign Language—2 credits
- Physical Education—1/2 credit
- Health Education—1/2 credit
- Fine Arts—1 credit
- Computer—1 credit (or satisfactory score on proficiency exam)
- Electives—2 credits (3 credits if you pass computer proficiency test)

The **Honors Program** provides a challenging course of study for top students and includes courses that offer the opportunity to earn college credit while at CAL.

General Requirements:

1. The student shall attend eight semesters, grades 9-12.
2. The student shall complete a minimum of 24 credits including 1 credit of Bible for each year of attendance at CAL.
3. The student shall achieve a minimum cumulative weighted grade point average of 3.5.
4. The student shall follow the specified honors track in two of the following subjects: English, Math, Science, Social Studies, same Foreign Language and must have gained three credits in each of the two subject areas chosen.
5. The student shall complete 15 hours of community service per year, grades 9-12. Half of the hours **may** be completed in a church setting, and half **must** be served in a community setting. Students are encouraged to complete 15 hours each year they

are at CAL rather than large projects that cover multiple years.

Specific Requirements:

Same as College Prep

Honors and AP Courses

Art

AP Art
Honors Jazz Band
AP Music Theory

Business and Computer

Honors A+ Computer
AP Computer Science

English

Honors English I-IV
AP English Lang & Comp
AP English Lit & Comp

Foreign Language

Honors French III, IV
Honors Latin III
Honors Spanish II, III, IV, V
AP Spanish Lang IV

Math

Honors Geometry
Honors Algebra I-II
Honors Precalculus
Honors Calculus
AP Calculus

Science

Honors Biology
Honors Chemistry
Honors Anatomy & Physiology
Honors Physics
AP Biology
AP Chemistry
AP Physics
Honors Independent Scientific Research

Social Studies

Honors World Civilization
Honors U.S. History
AP U.S. History
Honors U.S. Government/Economics
AP Psychology

The Commonwealth Diploma given by the State of Kentucky is available for those students who have taken at least four Advanced Placement Courses in the following areas: English, Foreign Language, Math or Science and an Elective.