

SENIOR HIGH Course Descriptions

Departmental approval is required for admission to all HONORS and AP courses. Students are required to have a minimum 3.0 GPA overall and a minimum 3.25 GPA in the subject area in order to request enrollment in AP courses.

Bible: Students are required to take Bible each year. Elective courses are available as well.

*Acts of the Apostles: Grade 9**Semester; ½ credit*

This course familiarizes students with the historical setting of the early church, its growth, and its relationship to the epistles. We study the methods of Peter and Paul's presentation of the gospel for insight into our own role in evangelism.

*Disciplines: Grade 9**Semester; ½ credit*

This is a study of the basics of the Christian walk. There is a dual focus in this class: the essence of salvation, with a study in the book of Galatians; and the essence of discipline, with a study of various texts on the nature of Spiritual Disciplines. This shows the importance of activities such as prayer, bible study, fasting, silence, solitude, journaling, stewardship, worship, serving, and evangelism.

*Epistles: Grade 10**Semester; ½ credit*

This is an in-depth study of three specific books: I Corinthians, Romans, and Hebrews. First Corinthians examines the gospel message as it encountered Greek culture in the First Century. Romans investigates Paul's basic message preached throughout the Gentile world; it is designed to increase knowledge and appreciation for the redemptive work of Jesus. Hebrews considers the message of salvation in light of 1st century Jewish imagery.

*Gospel of John: Grade 10**Semester; ½ credit*

This is an intensive course designed to give the students a good working knowledge of the book of John. The center of this course is the life of Christ as John presents major events. The students learn who Christ claimed to be and what He taught.

*Church History: Grade 11**Semester; ½ credit*

Church History studies the growth and theology of the church from the close of the book of Acts to modern times. Emphasis is on the chronological expansion of the church; the theological issues that have arisen during these times; and the Word of God throughout the ages. The purpose of this class is to educate the student in the various changes in the church over the ages, not to indoctrinate the student into one particular branch of theological dogma.

*Theology: Grade 11**Semester; ½ credit*

Biblical Theology examines the character and nature of God; the nature of man; the person and work of Christ; and soteriology (the study of salvation). Students learn to study (Exegesis); examine the scriptures telescopically (major motifs and themes of the Bible); and to think for themselves concerning these major theological doctrines.

*Apologetics: Grade 12**Semester + Semester; 1 credit*

Apologetics is a two-semester Philosophy and Religion course. Its primary goal is to cultivate aspects of critical thought (logic and epistemology), and to apply that thought to the three primary world-view categories of the day: Naturalism, Transcendentalism, and Theism. This is on a topical basis. It is through this process that we hope to aid the students in solidifying their own faith as well as to prepare students for the spread of the gospel through critical analysis of other world-views.

*Honors Apologetics: Grade 12**Annual; 1 credit*

Honors Apologetics is a two-semester Philosophy and Religion course. Although the topics covered in this course may be similar to the normal program, the pace and scope are significantly more vigorous. The brisk pace enables students to embark on a more detailed study of the topics normally covered within Apologetics.

*Biblical Greek: Grade 11 or 12 elective**Annual; 1 credit*

This is a study of the basic elements of New Testament Greek. Students are taught to adequately translate the book of I John from Greek to English. *Elective open to all; qualifies for graduation in School of Distinction.*

*Biblical Prophecy: Grade 11 or 12 elective**Semester; ½ credit*

This class engages in a verse-by-verse study of the entire book of Revelation. Other biblical passages are also studied to enhance understanding of the book of Revelation. There is an emphasis on the seven churches in Revelation 2 and 3 through videos portraying the geography and the history of each church. Emphasis is placed on the person of Christ as seen in Revelation; the various judgments of God; and the return of Christ, Heaven, the New Jerusalem, and eternity. *Elective open to all; qualifies for graduation in School of Distinction.*

*Foundations of Christian Relationships: Grade 12 elective**Semester; ½ credit*

Relationships focuses on helping students understand and accept who they are as God created them. Our study focuses on both basic personality issues and gender and role differences. After this foundational study, we look at forming relationships, beginning with friendships and ending with the topic of marriage. The class involves special weekly speakers, journaling, and class discussion. *Elective open to all; qualifies for graduation in School of Distinction.*

*Practical Christian Ministry: Grade 11 or 12 elective**Semester; ½ credit*

Acceptance into the School of Ministry is required. *Qualifies for graduation in School of Distinction.*

*Worship Leadership: Grade 11 or 12 elective**Annual; 1 credit*

Instructor approval required; audition required. *Qualifies for graduation in School of Distinction.*

English: Students are required to take English each year, plus they must take either debate or speech. Those registering for English 11 Honors must also take AP English. Elective courses are available as well.

*English 9: Grade 9**Annual; 1 credit*

Units of emphasis in literature consist of short stories, drama, and the novel. Students examine literary devices chosen by the author, as well as the basic elements of literature. The study of grammar at the ninth-grade-level will be a thorough review of standard English language with expanded areas, especially in communication competence (skills), sentence structure, and syntax. Spelling and vocabulary units offer weekly opportunities for students to expand their existing vocabulary and learn the importance of accuracy in spelling. Periodic writing assignments and a research paper will be assigned to aid the student in developing coherent and accurate written work. The information learned in the study of grammar should be incorporated and emphasized in these writing assignments.

*English 10: Grade 10**Annual; 1 credit*

There are three main emphases in English 10: literature, vocabulary, and composition. Literature for tenth graders is deliberately chosen to help students become better readers of literature—fiction and non-fiction. Students explore media, speeches, short stories, novels, drama, and poetry from a variety of cultures and countries. A thematic-based focus provides a framework for discussion of Christian worldview and biblical principles. Sophomore vocabulary includes words that constitute part of a cultural literacy from the works of famous authors, artists, and composers. Traditional vocabulary exercises, including the study of English words from classical elements (Greek and Latin roots and prefixes), are created to prepare students for standardized testing including the Ohio Graduation Test, SAT, and ACT. In an attempt to insure mastery of grammatical principles, sophomore English reviews concepts previously taught in other English classes. Acquiring an understanding of rules governing such things as punctuation, agreement, pronoun use, and voice prepares students to produce more accurate written work, as they translate rules into practice. Composition assignments include informal and personal essays, narrative and persuasive writing, and a formal research paper. Major literary works include *Twelfth Night* and *Lord of the Flies*.

*English 11: Grade 11**Annual; 1 credit*

Students in English 11 explore all genres of American literature; continue development in writing; gain skills in using technology to research, create, and present information; expand critical thinking skills; enhance vocabulary; and nurture a healthy respect for great American authors.

*English 11 Honors: Grade 11**Annual; 1 credit*

Recommended for those students who enjoy delving more deeply into literature through discussions with like-minded classmates, Honors English 11 is the first year of a two-year advanced English program for juniors and seniors. The Honors course is designed as a chronological study of some of the major writers and all of the major periods in British and American literature. We also spend some time on developing different writing skills (analysis, narrative, opinion, poetry, etc.). **Students who take English 11 Honors (aka Honors English) are required to take AP English Literature and Composition their senior year.**

*English 12: Grade 12**Annual; 1 credit*

Senior English consists of a study of English literature as it relates to the history of the English people. The Anglo-Saxon Period, Medieval Age, Elizabethan Age, 17th Century, 18th Century, Romantic Age, and Victorian Age are the periods into which literature and history are divided. Selected authors from each period are studied to familiarize students with well-known English writers. Classes also spend time on an in-depth study of a Shakespearean play and a Victorian novel. Furthermore, students do outside reading of novels and plays, and present a written analysis of the works. Improvement in written expression is encouraged and monitored through essay tests, compositions, and a senior research paper. Finally, students continue to expand their vocabulary through use of a workbook and weekly quizzes.

*AP English Literature and Composition: Grade 12**Annual; 1 credit*

AP English Literature and Composition is the second year of a two-year advanced English program for juniors and seniors. While Honors is designed as a chronological survey course and examines a wider variety of shorter works (mainly poetry, short stories, and short plays), AP English tackles lengthier works (novels and longer plays) and larger projects, such as a poetry anthology and a research paper. Since all AP English students are required to take the AP test in English Literature and Composition at the end of the year, we also spend some time on specific test preparation activities. **N. B. English 11 Honors (aka Honors English) is a mandatory prerequisite.**

*Debate: Grade 10, 11 or 12**Semester; ½ credit*

The Debate elective covers the basics of public speaking and augments that instruction with more specific and thorough training in the areas of persuasive speech and formal debate. Students implement various techniques for effective public speaking and then review the fundamental elements of and proper format for debate. These elements include poise, articulation of points, good questioning and reasoning strategies, and case/argument construction. Students also acquire skills in research, presentation of evidence, argumentation, and persuasive writing.

*Speech: Grade 9, 10, 11 or 12**Semester; ½ credit*

Students taking speech have the opportunity to verbalize on a variety of topics which include a speech to persuade on a social issue, a speech to sell, and a demonstration speech. Students also do readings on a variety of topics such as: dramatic, humorous, scripture, poetry, and children's literature. The importance of using the elements that make up a good speech and reading are emphasized. These elements include outlining, verbal and nonverbal techniques, topical research, and preparation. Included in the course are listening and note taking skills. Opportunities are offered to encourage students compete in CVCA's Speech and Debate team: The Talking Royals.

*Advanced Writing: Grade 11 or 12 elective**Semester; ½ credit*

The Advanced Writing course explores the question "What makes good writing good?" This writing workshop provides an excellent and enjoyable opportunity for students to improve their writing skills and confidence. While especially helpful for students who plan to take one or both of the AP English tests (Literature or Language), the class will be beneficial to anyone who wishes to be better prepared for writing on the SAT or in college. Students begin this semester elective by comparing and contrasting writing samples from various genres. They then do some writing of their own with frequent opportunities to give and receive feedback on their work. In the final weeks of the course, students design and teach their own writing-related mini-units.

*Classical Lit Seminar: Grade 11 or 12 elective**Semester; ½ credit*

Are you interested in exploring classic works of Western Civilization? Would you like to interact with books that have influenced some of the world's greatest thinkers and writers? If so, this Classic Literature Seminar is for you. We will read and discuss literary works from Classical Antiquity through the 20th century. Works will be read and discussed through the lens of how they have influenced or been influenced by the Christian tradition—and how they can continue to influence our faith today.

Math: Students graduating before 2014 are required to take math for a total of three years. Students graduating in 2014 or later are required to take math each year, including two semesters in grade 12. Elective courses are available as well. All courses are yearlong unless noted.

Math is offered in three tracks: basic, regular, and advanced. Permission of the department is required for those students enrolling in the advanced track. Math ability is assessed through the student's consistent performance on standardized tests. The basic sequence for classes graduating before 2014 is Basic Algebra 1, Basic Geometry, and Basic Algebra 2; electives Pre-College Algebra and Statistics are offered. The regular sequence for classes graduating before 2014 is Algebra 1, Geometry, Algebra 2, and Pre-Calculus; electives Pre-College Algebra and Statistics are offered. The advanced sequence for classes graduating before 2014 is Geometry, Algebra 2 Honors, Pre-Calculus Honors, and AP Calculus; electives Statistics or AP Statistics are offered. Those students wishing to earn an honors diploma must take four years of math.

*Basic Algebra 1: Grade 9**Annual; 1 credit*

Basic Algebra 1 is designed for the ninth grade student who, upon completion of 8th grade math, is still deficient in some fundamental math skills and problem solving techniques and is therefore not ready for the rigorous college prep Algebra I course. In Basic Algebra 1, all major concepts of a regular Algebra I course are covered; i.e. solving equations, functions, and their graphs, inequalities, systems of equations, quadratic functions, polynomials, and factoring. The pace and depth of study are less than that of regular Algebra 1. Also, emphasis is placed on basic skills of the four fundamental operations of the set of real numbers; i.e. fractions, decimals, percents, integers, etc. The use of a graphing calculator to see patterns and solve problems is encouraged. Real world problems using algebraic processes will be discussed. The student successfully completing Basic Algebra will advance to Basic Geometry in 10th grade.

*Algebra 1: Grade 9**Annual; 1 credit*

This Algebra 1 course is designed as an introduction to the language and use of algebra. Topics covered include data and its application to algebra, integers, equations, inequalities, systems of equations and inequalities, and functions (linear, quadratic, exponential, polynomial, and rational). Students receive an introduction to the use of the TI-83 calculator to explore and discover math concepts. Following completion of Algebra 1, students should enroll in Geometry. Some students may enroll in Basic Geometry based on teacher recommendation.

*Basic Geometry: Grade 10**Annual; 1 credit*

Basic Geometry is designed for students to obtain a basic understanding of plane and solid geometry. The course encourages student exploration of material and application to real-life situations. These, along with daily work, assist students in developing problem-solving abilities. From this course students enroll in Basic Algebra 2.

*Geometry: Grade 9 or 10**Annual; 1 credit*

Geometry is a course that explores mathematical thought processes given basic properties and theorems. Emphasis is placed on developing both inductive and deductive reasoning in mathematical situations through formal proofs. The need for clarity and precision of language is stressed. Practical applications are given for both plane and solid geometry. From this course, students enroll in either Algebra 2 Honors, Algebra 2, or Basic Algebra 2.

*Basic Algebra 2: Grade 11**Annual; 1 credit*

Basic Algebra 2 is for students who have completed Basic Geometry or those who struggled through Algebra 1 or Geometry. The course is designed to be an extension of Algebra 1 topics with a greater emphasis placed on application and the nature of graphs. Students continue to study and solve equations and inequalities. They also compare and analyze linear, quadratic, and cubic functions. Graphing calculators are used to make such study more efficient and meaningful. Upon the successful completion of this course, students may advance to Pre-College Algebra, Statistics, or both.

*Algebra 2: Grade 10 or 11**Annual; 1 credit*

Algebra 2 extends the concepts and skills of Algebra 1. There is a continued emphasis on functions (linear, exponential, logarithmic, quadratic, radical, polynomial, and rational), solving equations and inequalities as well as systems, data analysis, and complex numbers. The TI-83 graphics calculator is required and is used to view the relationship between functions and their graphs. Students having earned a C or better in Algebra 1 and a C or better in Geometry are encouraged to register for this course. (Students in Basic Algebra and Basic Geometry will only be permitted to enroll in Basic Algebra 2.) Algebra 2 is a prerequisite for the Pre-Calculus course. However, upon completion of the course students may also enroll in Pre-College Algebra, Statistics, or AP Statistics.

*Honors Algebra 2: Grade 9 or 10**Annual; 1 credit*

Algebra 2 Honors extends the concepts and skills of Algebra 1. There is a continued emphasis on functions (linear, exponential, logarithmic, quadratic, radical, polynomial, and rational); solving equations and inequalities as well as systems; data analysis; and complex numbers. The TI-83 graphics calculator is required and is used to view the relationship between functions and graphs. Applications connecting real life situations and algebra are stressed. Algebra 2 Honors is an accelerated course with a depth of material that prepares the student for Honors Pre-Calculus, which then leads into AP Calculus. Students who are interested in continuing to pursue upper level math courses and have shown past success are recommended to register for this course.

*Pre-Calculus: Grade 12**Annual; 1 credit*

The curriculum covers the following topics: functions & their graphs, polynomial & rational functions, exponential and logarithmic functions; trigonometric functions; vectors; sequences and series; topics in analytic geometry: conics; polar equations; analytic geometry in three dimensions; and introduction into calculus. The pace of the curriculum is dependent upon the needs of the students in the class. The course is designed so that each student can grasp the full understanding of each concept; once the majority of students have reached that point, the class will progress to the next section. Students who successfully complete Pre-calculus are eligible for Advanced Placement Statistics or Statistics.

*Pre-Calculus Honors: Grade 10 or 11**Annual; 1 credit*

The curriculum in Honors Pre-Calculus is identical to the regular Pre-Calculus class. However, the material is studied in greater depth and at an accelerated pace. This course is designed to complete preparation of students for Calculus. **Students are assigned summer work, which will review topics covered in Algebra 2 Honors (functions & their graphs, polynomial, and rational functions).** The curriculum covers the following topics: exponential and logarithmic functions; trigonometric functions; vectors; sequences and series; topics in analytic geometry: conics; polar equations; and analytic geometry in three dimensions. The course ends with a unit of Introduction to Calculus where the students study limits and rate of change. Students who successfully complete Honors Pre-calculus are eligible for Advanced Placement Calculus or Advanced Placement Statistics.

*AP Calculus: Grade 11 or 12**Annual; 1 credit*

This Advanced Placement (AP) course in mathematics consists of a full high school academic year of work in Calculus that is comparable to courses in colleges and universities. **Students take the Calculus AB exam in the month of May.** The curriculum is approached through a variety of ways: graphically, numerically, analytically, or verbally. Graphically, students use technology to help solve problems, interpret results, and verify conclusions. Numerically, students use data to solve a variety of problems encountered in Calculus. Analytically, students work problems ranging from rates of change to differential equations. Verbally, students communicate mathematics both orally and in well-written sentences and should be able to explain solutions to problems.

*Pre-College Algebra: Grade 12**Semester; ½ credit*

Pre-College Algebra is a semester course for seniors designed to improve students' algebra skills. The goal of this course is to avoid a remedial freshman level college math course. Students review and reinforce Algebra I and Algebra II skills which are essential to then completing a college algebra course.

*Statistics: Grade 12**Semester; ½ credit*

Prerequisites: Students completing Algebra 2 Honors, Algebra 2, or Basic Algebra 2 may take this course. It is suggested that the student also take Pre-College Algebra during the alternate semester, if not concurrently enrolled in another mathematics course. In this statistics course students develop a conceptual understanding of fundamental statistics and demonstrate their knowledge through explanation and interpretation. The course emphasizes active learning, conceptual understanding, and the use of

genuine data. Students use the TI-83 calculator to perform calculations, observe visual representations of data, conduct simulations, and explore statistical phenomena.

AP Statistics: Grade 12

Annual; 1 credit

Advanced Placement Statistics includes the discussion of expected outcomes in various experimental situations as well as the study of central tendencies and variation in the results of experimentation. Hypothesis testing and experimental design are major topics in the course. Each student applies his/her learning by completing a year-long project in which he/she analyzes data of individual interest. Emphasis is placed on the appropriate use of a graphing calculator and computer technology. **Students take the AP Statistics exam.**

Science: Students are required to take three years of science. Elective courses are available as well. Those students wishing to earn an honors diploma must take four years of science.

Physical Science: Grade 9

Annual; 1 credit

Physical Science is a combination of pre-chemistry and pre-physics. In this course the student is trained to exercise basic laboratory, experimental, and measurement skills. Emphasis is also placed on the practice of the scientific method and correct safety procedure during laboratory exercises. The course is founded on the diversity, properties, and interactions of both matter and energy. Sample units include chemical reactions, radioactivity, laws of motion, waves, electricity and magnetism. Although Physical Science is not a "lab course," students do participate in a hands-on lab activity at least once during each chapter.

Biology: Grade 9 or 10

Annual; 1 credit

Major topics in this course of study include ecology, cell study, animal diversity, plant anatomy and physiology, classification of living things, microbiology, reproduction, genetics, and embryology. Creation science concepts are contrasted with the claims of modern evolutionary theory. Students are challenged to consider the uniqueness and sanctity of all life. Weekly lab activities bring a practical focus in illustrating course concepts. A leaf collection and wildflower study are assigned to teach taxonomy and classification skills. In addition, some outside reading and research projects may be assigned to explore topics of individual interest. **Students planning to take Biology in ninth grade must have Guidance Department permission.**

Chemistry: Grade 10 or 11

Annual; 1 credit

The chemistry program emphasizes the concepts and techniques that are crucial for a fundamental understanding of inorganic and organic chemistry. The course encourages students to solve chemical problems through concepts taught in class and laboratory experimentation. Major topics of study include atomic theory, stoichiometry, acid-base theory, hydrocarbons, and nuclear chemistry.

Honors Chemistry: Grade 10 or 11

Annual; 1 credit

This course challenges the college-bound student. Although the topics covered in this course may be similar to the normal program, the pace and scope are significantly more vigorous. The brisk pace enables students to embark on a more detailed study of the topics normally covered within this discipline.

Physics: Grade 11 or 12

Annual; 1 credit

Regular Physics with laboratory activities is designed for students who desire a greater understanding of the physical world around them. An emphasis is placed on teaching the concepts of physics and their application to one's environment. The mathematical demands of regular physics are somewhat less than those of the Honors course. Material covered is chosen from topics of motion, force, momentum, energy,

gravitation, planetary motion, wave motion, sound, light, electricity, magnetism, and radioactivity. Students enrolled in this course need a TI-83 calculator.

Honors Physics: Grade 11 or 12

Annual; 1 credit

Honors Physics is a mathematically challenging physics course with laboratory activities designed to prepare students for additional college physics and/or science courses. This necessitates a strong emphasis on the teaching of the processes and skills that are needed for good problem solving. Material covered is chosen from the concepts of motion, force, energy, momentum, gravitation, planetary motion, wave motion, sound, light, electricity, and magnetism. A student selecting this course must have completed Algebra 2 of the math sequence and possess a strong interest and love for mathematics. Students enrolled in this course need a TI-83 calculator. **Algebra 2 is a prerequisite.**

Medical Biology: Grade 12

Annual; 1 credit

Medical Biology is a second-level advanced course in biological sciences. Students normally take the course as a junior or senior after they have taken Chemistry. The course is directed toward students interested in medical careers. Topics include cytology, cell biochemistry, bioenergetics, histology, genetics, embryology and reproduction, and anatomy/physiology with dissection of the white rat and cat. Students are challenged to master college-level material while developing a mature approach to critical thinking and research skills. **Chemistry is a prerequisite.**

AP Biology: Grade 12

Annual; 1 credit

AP Biology is designed to prepare students to take the national Advanced Placement Exam in biology given in May each year. Consequently, this course of study follows standardized curriculum set by the College Board and is considered to be at the level of first-year college offerings. It assumes enrolling students have had chemistry; are able to complete assignments that involve independent study; will do collateral reading assignments; and read a college level text. Considerable emphasis is placed on understanding the process of science. Therefore, lab investigations are more comprehensive, requiring analysis and interpretation of data. The focus is the mastery of concepts required on the AP exam. Careful study of evolutionary biology that permeates contemporary science is undertaken while stressing the Biblical Worldview and apologetics. Some of the topics examined include biotechnology, genetic engineering, phylogeny/taxonomy, plant physiology, and advanced topics in cell biochemistry. **Chemistry is a prerequisite.**

Engineering I: Grade 11 or 12 elective

Semester; ½ credit

Engineers use mathematics extensively, reason quantitatively, and communicate effectively in both written and oral forms as they work in teams. This course introduces students to the tools, tasks, and culture of engineering including ethical and moral conduct. Students are exposed to the great array of opportunities and possibilities of today's engineering fields. Students undertake small projects, each one utilizing a computer tool widely used by engineers in their work such as spreadsheets, computer-based computations, e-mail, and the Internet. All projects are completed with brief oral reports and demonstrations. Pro Desktop (ProE) solid modeling, bridge model building and testing, and engineering drawing are included. Students have the opportunity to enter local, regional, and national competitions. **Acceptance into the School of Engineering is required; Algebra 2 is a co-requisite. Qualifies for graduation in School of Distinction.**

Engineering II: Grade 11 or 12 elective

Semester; ½ credit

This course allows students to experience the multiple fields of engineering through individualized projects. Computer-based programming in combination with Lego Mindstorm kits excite students while teaching them problem solving, logic, and digital electronics. Instruction in Pro Desktop solid modeling continues. Students continue with small projects, each one utilizing a computer tool widely used by engineers in their work such as spreadsheets, computer-based computations, e-mail, and the Internet. All

projects are completed with brief oral reports and demonstrations. Students have the opportunity to enter local, regional, and national competitions. **Pre-Engineering, Part 1, is a prerequisite; Algebra 2 is a co-requisite.** *Qualifies for graduation in School of Distinction.*

Engineering III: Grade 12 elective

Semester; ½ credit

Pre-Engineering, Part 2, is a prerequisite. *Qualifies for graduation in School of Distinction.*

Engineering IV: Grade 12 elective

Semester; ½ credit

Pre-Engineering, Part 3, is a prerequisite. *Qualifies for graduation in School of Distinction.*

Social Studies: Students are required to take the following: Global Studies, an American history course, an economics course, and government. Elective courses are available as well.

Global Studies: Grade 9

Annual; 1 credit

Global Studies focuses on a wide variety of topics including geographical, historical, and cultural studies. The course nurtures the Biblical Worldview, helping students see the earth, the populations, and events surrounding us through the eyes of Jesus. Content includes a region-by-region survey of the world. In addition, Global Studies is a course focusing not only on learning facts about people and places; it also opens the minds and hearts of the students towards prayer, support, and/or service in the mission field. We hope this class will be life-impacting and used by the Lord in bringing not only knowledge about who we are, but also action concerning the needs of others on this earth.

Modern American History: Grade 10, 11 or 12

Annual; 1 credit

Modern American History is a year-long survey course of United States history. The first quarter is a reinforcement of the time period covered in Early American History (Grade 8). The remainder of the course explores the events of U.S. history from the Civil War onward, with particular emphasis on the 20th Century. Causes and results of events, especially as they have an impact on our own times, are emphasized. In addition to coverage of major happenings and their causes, recognition of the Christian roots and influences in America are incorporated as well as practical training in Christian discernment.

AP United States History: Grade 10, 11 or 12

Annual; 1 credit

AP US History is an undergraduate-level survey of the full scope of United States History from colonization to the present. Students are given opportunity to examine topics with greater thoroughness than our other offerings. Students utilize a college-level textbook in addition to primary document readers. Intensive work is done in critical thought as well as formal essay writing. **Students take the AP United States History exam in May.**

Government: Grade 11 or 12

Semester; ½ credit

American Government is a semester course that deals with the principles of American democracy. Issues involving the Bill of Rights, political parties, the Congress, the Presidency, and the Supreme Court are studied. The values of our Christian beliefs are emphasized. Class discussions on current political issues are regularly included. Mock experiments such as a mock Congress and a mock presidential news conference are used. The problems of democracy studied are primarily those of our institutions and men rather than social problems.

Economics: Grade 11 or 12

Semester; ½ credit

Economics is a one-semester course of study focusing on the allocation of scarce resources to meet the unlimited needs of society. The course introduces students to theories of economic thought and the application of those theories to the world around them. The course surveys micro- and macro-economic

concepts essential to consumers, business organizations, and economic structures. A Christian perspective is integrated in the presentation of theory and the assignments, enabling students to become more responsible in their economic decision making.

AP Economics: Grade 11 or 12

Annual; 1 credit

This course is a year-long study of both macro- and micro-economic principles. The students study what comprises the GDP and its potential problems; inflation; unemployment; and monetary and fiscal policies. The course includes units on the federal banking system; the international economy; and studies in various market structures and various microeconomic policies. **Lectures, discussions, papers, and case studies prepare students for both the AP Macroeconomics & AP Microeconomics exams.**

Psychology: Grade 11 or 12 elective

Semester; ½ credit

Psychology is the study of human behavior from a social science point of view. The topics included in this semester course are personality; abnormal behavior; schools of psychology; intelligence; defense mechanisms; child development; and psychological testing. A Christian perspective helps us understand that secular psychology and Christian truth are compatible in many ways.

Sociology: Grade 11 or 12 elective

Semester; ½ credit

As Christians we walk a narrow balance between being "in the world but not being of the world." To negotiate God's calling requires critical discernment of our society in all of its complexities. Sociology attempts to guide students in their own critical discernment of our society and culture through in-class examinations of issues and out-of-class experiments. Areas of examination include basic theory; society and cultures; and issues of race, class, gender, media, education, and the family.

20th Century Conflicts: Grade 10, 11 or 12 elective

Semester; ½ credit

20th Century Conflicts is a semester elective course that traces the interconnected causes and effects of wars beginning with the international conflicts that caused WW1, through to WW2, the Cold War (including Vietnam, Korea, etc.) into the present day conflicts in the Middle East.

AP European History: Grade 10, 11 or 12 elective

Annual; 1 credit

This is a survey course dealing with the major themes in Western Civilization from 1450. Special attention is given to the Renaissance and Reformation; the Age of Absolutism; the development of English Constitutional Monarchy; the Enlightenment and French Revolution; the Napoleonic Era; 19th century ideologies (conservatism, liberalism, socialism); the Unification of Italy and Germany; European politics 1871-1914; the Russian Revolution; World Wars I and II; and the Cold War and its aftermath. Students should expect approximately seven major exams. Papers and projects are assigned at the instructor's discretion. A major text and supplemental works are required readings. **Students take the AP European History Exam.**

Financial Stewardship: Grade 11 or 12 elective

Semester; ½ credit

Financial Stewardship is a source of direction for students as they enter the most critical times of their lives financially. This semester course empowers teens to make sound financial decisions for life. As we study fundamentals of personal finance, we learn to become better Christian stewards of the money God has given us. The class studies topics of the financial world including saving, investing, and financial planning. The course also helps access cash flow, debt issues, and how money works. We also investigate bargain hunting, insurance, and real estate mortgages. Searching and securing jobs and a career while learning how to budget money properly, and being aware of how credit works, are other areas of topical study. We do all of this through a Christian perspective.

Logic: Grade 11 or 12 elective

Semester; ½ credit

This semester course focuses on the informal, categorical, and propositional branches of Logic. Students learn how to work with logical statements and various kinds of syllogisms; detect and identify informal fallacies; handle truth tables and truth trees; and give formal proofs of validity. There is no prerequisite knowledge of Logic necessary as this course covers both introductory and intermediate aspects.

Foreign Language: Students are required to take two years of the same language. Those students who wish to earn an honors diploma must take three years of the same language or two years of two different languages.

French 1: Grade 9, 10 or 11

Annual; 1 credit

Did you know that French is an official language in 29 countries and that over 200 million people speak French worldwide? This makes the French Program a logical choice for students interested in international business, politics, and travel. Students learn about French culture and life in Quebec, Cote d'Ivoire, and Martinique. While emphasizing both listening comprehension and speaking proficiency, students learn basic conversational and discussion skills. Through workbooks, readings, and short writing activities, students master the introductory grammar of the present and past tenses; agreement; and sentence structures. Students also enjoy experiencing French food, songs, and games.

French 2: Grade 9, 10, 11 or 12

Annual; 1 credit

Students continue working in the present and past tenses. They progress into intermediate grammar mastery with the introduction of pronouns and reflexive verbs. Students expand their listening comprehension and speaking proficiency as they learn travel, market, emotion, and music vocabulary. Through brief reading selections and written compositions, students further solidify their language skills. They continue learning about diverse cultures in the French-speaking world, adding cultural information from French cities to what they have already learned about Martinique, Cote d'Ivoire, and Quebec. Additionally, students learn new songs while mastering those they learned in French 1. **French 1 is a prerequisite.**

French 3: Grade 10, 11 or 12

Annual; 1 credit

Students expand their knowledge of the French language and Francophone (French-speaking) culture. They learn about Francophone Europe, including Luxembourg, Belgium, and Switzerland; Francophone Africa, including Senegal, Morocco, the Central African Republic, and Tunisia; and Francophone America, including Montreal, Quebec, Guadeloupe, and Louisiana. Students continue grammar mastery by reviewing main points from French 2 before launching into new verb tenses: subjunctive, future, and conditional. We end the year by studying the modern Olympic Games, which were initiated by Frenchman Pierre de Coubertin in 1894. This class is for those who wish to build fluency in the language and who are planning to test out of beginning French at the college level. **French 2 is a prerequisite.**

French 4 Honors: Grade 11 or 12

Annual; 1 credit

The French 4 Honors student benefits from more intensive reading in French. The readings target not only improved reading comprehension, but also verbal skills as selections are often read aloud in class. These selections include: King's "I Have a Dream," translated into French; St. Exupery's *The Little Prince*; and an abridged version of Dumas's *The Count of Monte Cristo*. We also periodically devote time to grammar reinforcement. Students continue studying the cultures of Francophone countries such as Morocco, Haiti, and Belgium. Students study two of the great French Impressionist artists: Monet and Cezanne; this study includes ways to describe the artists' paintings. To further develop conversational skills, students interview each other through several questionnaire exercises and then report their findings to the class. **French 3 is a prerequisite; teacher recommendation is required.**

French 5 Honors: Grade 11 or 12

Annual; 1 credit

French 4 is a prerequisite; teacher recommendation is required.

German 1: Grade 9, 10 or 11

Annual; 1 credit

German 1 introduces students to the newly reunited Germany, its language, and its culture. Using a multimedia, total-learning approach, the course uses the first textbook in the series to develop the student's proficiency in basic listening, speaking, reading, and writing skills. A video series about German teenagers gives students insight into daily life in Germany and plants the seed for possible participation in an exchange program or other travel.

German 2: Grade 9, 10, 11 or 12

Annual; 1 credit

This course is offered as an elective to students who have successfully completed German 1. Continuity in approach is provided by the use of the second textbook in the series to further develop the student's basic listening, speaking, reading, and writing skills; and to broaden their exposure to German culture. Grammar skills are reviewed and expanded and the drama of the video series heightens interest in real-life situations. After successful completion of German 2, students are prepared to participate in an exchange program, if desired. **German 1 is a prerequisite.**

German 3: Grade 10, 11 or 12

Annual; 1 credit

This advanced course is offered to students who have successfully completed German 2 and have a teacher recommendation. Extending beyond the next textbook in the series, this course also includes an introduction to German literature and incorporates German magazines, films, and other media to help students advance in their study of the language. This class is for those who wish to build fluency in the language and who are planning to test out of beginning German at the college level. **German 2 is a prerequisite; teacher recommendation is required.**

German 4 Honors: Grade 11 or 12

Annual; 1 credit

German 3 is a prerequisite; teacher recommendation is required.

Latin 1: Grade 9, 10 or 11

Annual; 1 credit

Latin 1 provides the student with a solid foundation in Latin grammar. At this level, the four conjugations of Latin verbs and the first three declensions are emphasized. Students begin studying Roman history including the periods of the monarchy; the early Republic; and the Punic Wars. In addition, various topics in mythology are explored such as the Olympians; Jason and the Argonauts; and Cupid and Psyche. This course strengthens students' skills in English, and it gives them an appreciation for classical history, culture, and language.

Latin 2: Grade 9, 10, 11 or 12

Annual; 1 credit

Latin 2 students complete the basic concepts of Latin grammar including the various demonstrative pronouns; the comparison of adjectives and adverbs; the fourth and fifth declensions; and the subjunctive mood. Students continue to build their English vocabulary via Latin roots. They study *The Iliad*, *The Odyssey*, *The Aeneid*, and other myths. The history of the fall of the Republic and the life of Julius Caesar form an important part of this course. This class is especially useful for those who desire a strong background in the humanities. **Latin 1 is a prerequisite.**

Latin 3: Grade 10, 11 or 12

Annual; 1 credit

Latin 3 reviews the grammar from the previous two years and expands especially in the usage of the subjunctive, participles, and cases. Students read sections from Livy, Caesar, Pliny, and other Latin authors. They study the myths of the great royal houses and other lesser-known myths. The study of Roman history advances into the period of the Empire with a special study on the early church and the

martyrs. This course gives students a much better understanding of the historical and literary roots of Western civilization. Latin 3 makes an excellent choice for the college-bound student. **Latin 2 is a prerequisite; teacher recommendation is required.**

Latin 4 Honors: Grade 11 or 12

Annual; 1 credit

Latin 4 Honors reviews Latin grammar and introduces rhetorical devices used in Latin literature and poetry. Students read excerpts from Cicero's orations and the poetry of Vergil and Ovid. The history of the Roman Empire is completed with the last of the western emperors and the fall of Rome. Students read a translation of either *The Odyssey* or *The Iliad* in its entirety. They also read from the Vulgate Bible in Latin. This course is designed to enable the high school student to enter an intermediate level college Latin course. **Latin 3 is a prerequisite; teacher recommendation is required.**

Latin 5 Honors: Grade 11 or 12

Annual; 1 credit

Latin 4 is a prerequisite; teacher recommendation is required.

Spanish 1: Grade 9, 10 or 11

Annual; 1 credit

This beginning course emphasizes grammar and building a foundation of Spanish vocabulary. Students are exposed to Spanish pronunciation through the use of cassette tape listening activities and speaking practice in the classroom. Students are evaluated on their understanding of Spanish grammar as well as on reading and listening comprehension. Cultural presentations enhance the students' familiarity with Hispanic countries.

Spanish 2: Grade 9, 10, 11 or 12

Annual; 1 credit

In the second year of Spanish, students review the concepts from Spanish I, continue to build their vocabulary, and progress into intermediate grammar. Opportunities are provided for students to speak in class and develop the ability to read, write, and listen to the Spanish language. Study of the Hispanic culture continues through readings in the textbook and student research. **Spanish 1 is a prerequisite.**

Spanish 3: Grade 10, 11 or 12

Annual; 1 credit

Spanish 3 is designed for students who wish to continue their study of Spanish at the college level and test out of beginning Spanish. The textbook allows students to review the basic grammar presented in the first two years with special emphasis on developing written and oral proficiency. **Spanish 2 is a prerequisite.**

Spanish 4 Honors: Grade 11 or 12

Annual; 1 credit

The fourth year of Spanish is intended for students who love the language. Students review the grammar independently with the help of a workbook and occasional explanations during class. The remainder of the class time is devoted to studying literature such as *Don Quixote*, *Lazarillo de Tormes*, *Marianela*, and other well-known works. In addition, students continue their study of Hispanic countries with the help of Spanish magazines, newspapers, and lectures presented in Spanish. Students also have the opportunity to view the Spanish version of *Aladdin*. **Spanish 3 is a prerequisite; teacher recommendation is required.**

Spanish 4 Advanced Honors: Grade 11 or 12

Annual; 1 credit

Spanish 3 is a prerequisite; teacher recommendation is required.

Spanish 5 Honors: Grade 11 or 12

Annual; 1 credit

Spanish 4 is a prerequisite; teacher recommendation is required.

Technology: Students are required to take Computer Applications. Elective courses are available as well.

Computer Applications

Semester; ½ credit

Computer Applications is a course in which students learn basic skills in Word Processing; Spreadsheets; PowerPoint presentations; Internet skills; and Web page design. The students increase their typing skills by at least 20 words per minute. This basic knowledge, along with learned computer operating skills, will enable students to adapt to other computer programs they might encounter in the future. Students may compete in different opportunities and become a member of a co-curricular program entitled Future Business Leaders of America (FBLA). **Computer Concepts is a prerequisite; students must be able to type at least 35 words per minute to enroll.**

Web Page Design: Grade 10, 11 or 12 elective

Semester; ½ credit

This course teaches web page design from concept to implementation. Students in this class gain knowledge of HTML, JAVA, Java Script, Macromedia's Dreamweaver®, Fireworks®, Flash® programs, and additional office software. Students design a basic site as well as learn to design more complicated sites for companies and individuals. Students leaving this class should be prepared to go on to a more advanced stage of learning. Students may compete in different opportunities and become a member of a co-curricular program entitled Future Business Leaders of America (FBLA). **Computer Applications is a prerequisite.**

Video Media 1: Grade 9, 10, 11 or 12 elective

Semester; ½ credit

Video students learn basic video camera techniques by recording a variety of school events. They learn how to download the video from the camera to the computer and edit video using Apple software I-Movie on G5 towers. This is a "hands on" course. Students may compete in different opportunities and become a member of a co-curricular program entitled Future Business Leaders of America (FBLA). **Computer Applications is a prerequisite; students are required to participate in after-school events.**

Video Media 2: Grade 10, 11 or 12 elective

Semester; ½ credit

Students continue with camera techniques and use Apple's Final Cut Pro® software which includes SoundTrack Pro®, LiveType®, and Motion®. This is a "hands on" course. Students may compete in different opportunities and become a member of a co-curricular program entitled Future Business Leaders of America (FBLA). **Computer Applications and Video Media 1 are prerequisites.**

Video Media 3: Grade 11 or 12 elective

Semester; ½ credit

Students in Video Media 3 perform all aspects of Video Media including producing a DVD yearbook and several editions of CVCA Video Magazine for CVCA and the community. Students use Macintosh G5s and the latest software for video editing. Students need to be available for after school events and to meet with the public. Students may compete in different opportunities and become a member of a co-curricular program entitled Future Business Leaders of America (FBLA). **Computer Applications, Video Media 1, and Video Media 2 are prerequisites.**

Sound Technology: Grades 9, 10, 11 or 12

Semester; ½ credit

Sound Technology is a course designed for students interested in operating a live sound reinforcement system in a variety of settings. The course involves both classroom instruction as well as practical experience outside of class. In addition to classroom lectures, activities, and assessments, students are required to fulfill observation or participation hours each quarter. These hours can be fulfilled by operating a sound system or observing a sound system being operated at different local functions. **Students who participate will be required to perform duties outside of the classroom.**

Yearbook/Journalism: Grade 10, 11 or 12 elective

Annual; 1 credit

Yearbook/Journalism is a yearlong course in which students learn the rules of professional journalism as they pertain to design and writing techniques. They also become familiar with the Macintosh computer and In-Design software. They learn the necessity of meeting deadlines and maintaining a budget while planning and producing the yearbook. **All staff members are responsible for selling ads and may be asked to attend a summer workshop/planning session. Teacher and/or guidance referral is mandatory. Students who participate will also be required to perform duties outside of the classroom.** Students may compete in different opportunities and become a member of a co-curricular program entitled Future Business Leaders of America (FBLA).

Business: All courses are electives.

Accounting 1: Grade 11 or 12 elective

Semester; ½ credit

Accounting 1 is an introductory course of the principles of accounting as they apply to a single proprietorship, a partnership, and/or a corporation. This course gives students a background in the basic accounting procedures used to operate a business. The basic accounting cycle is covered from opening an accounting system through the post-closing trial balance and the preparation of financial statements. The accounting procedures presented also serve as a sound background for employment in office jobs and preparation for studying business courses in college. Students have the opportunity to use accounting software along with their regular books. Students may compete in different opportunities and become a member of a co-curricular program entitled Future Business Leaders of America (FBLA). **Computer Applications is a prerequisite.** *Qualifies for Graduation in School of Distinction.*

Introduction to Business and Entrepreneurship: Grade 11 or 12 elective

Semester; ½ credit

This is a course designed to introduce the student to the principles and functions of business and entrepreneurship. Business will be studied as a part of a total social, political and economic environment. The various functional areas of business will be discussed: economic systems, forms of business ownership, small business, management, human relations, marketing, accounting, finance, stock market, and business law. Many of these broad topics will be introduced with strong emphasis on "learning by doing" through case studies and projects. **Acceptance into School of Business is required.** *Qualifies for Graduation in School of Distinction.*

Fine Arts: Students are required to earn one full credit in fine arts; students may choose the area of study. Additional courses may be taken as electives.

Art Appreciation: Grade 9, 10, 11 or 12

Semester; ½ credit

Art Appreciation is an art survey class designed to give students a wide range of understanding about visual arts. It covers an introduction to materials, media, and vocabulary as well as the art traditions from a variety of cultures and time periods. Western art history eras are introduced, covering the most important works of art in each time period up to the art of today. Students are encouraged to take this class if they are not enrolled in a music performance class or a studio art class as a means of fulfilling their fine arts requirement for graduation. Students who are seriously interested in pursuing art are also encouraged to take this course.

3 Dimensional Art I: Grade 9, 10, 11 or 12

Semester; ½ credit

Students are encouraged to expand their creativity by exploring different mediums such as glass mosaic; polymer clay; wire; fiber arts; and batik in a relaxed and informal setting. No art prerequisites are

required. Materials will be provided, **but students are charged a \$25.00 art fee to defray the cost of supplies and tools.**

3 Dimensional Art II: Grade 9, 10, 11 or 12

Semester; ½ credit

This course is an extension of 3-D Art I. Students go into more depth with mosaics and polymer clay, as well as explore new techniques with stained glass; fiber arts; sewing; and other projects. 3-D Art I is a prerequisite. Supplies and tools are provided.

Art 1: Grade 9, 10, 11 or 12

Annual; 1 credit

This course is structured to create an atmosphere which is conducive to creative growth; it fosters and nurtures basic artistic skills in a systematic fashion. Art 1 covers one and two point perspective; six basic color schemes; textures; two-dimensional design; figure drawing; painting; pen and ink drawing; and paper folding.

Art 2: Grade 10, 11 or 12

Annual; 1 credit

This course is structured to create an atmosphere which is conducive to creative growth; it fosters and nurtures basic artistic skills in a systematic fashion. Art 2 expands on the units covered in Art 1 and adds the following: Painting: Naturalism and Realism; Impressionism; Expressionism; Cubism; Futurism; Dadaism; Surrealism; and Abstract-expressionism; color psychology; linoleum block printing; 3-D design; and five geometrical solids. **Art 1 is a prerequisite.**

Art 3: Grade 11 or 12

Annual; 1 credit

This course is structured to create an atmosphere which is conducive to creative growth; it fosters and nurtures basic artistic skills in a systematic fashion. It expands on the units covered in Art 1 and Art 2 and adds the following: advertising layout; 2-D design; Op art painting; calligraphy; and clay. Students are expected to complete individual projects. **Art 2 is a prerequisite.**

Graphic Design: Grade 9, 10, 11 or 12

Annual; 1 credit

Students learn four principles of design and explore typography and color while incorporating hands-on as well as computer software technology. Students explore the history of graphic design and how it has evolved. Students also perform a portfolio show at the end of the school year. Students take a field trip to see an ad agency. **Students who participate will also be required to perform duties outside of the classroom.** Students may compete in different opportunities and become a member of a co-curricular program entitled Future Business Leaders of America (FBLA).

Music Appreciation: Grade 9, 10, 11 or 12

Semester; ½ credit

This course uses the text *Music! It's Role and Importance in Our Lives*. The course explores a cross section of styles of music and music history. It encourages students to be smart consumers of music from many different styles and to participate in the arts in some way. Students gain experience in composition and basic music theory. Through the completion of this course, students will be able to identify music from different time periods and genres by ear. There is no prerequisite for this course.

Beginning Instrumental Music: Grades 9, 10, and 11

Annual; 1 credit

Beginning Band Methods is a course designed for 9-11 grade students wishing to learn a band instrument for the first time or for students who already play a band instrument but need more individual attention than is possible in a full band class. The course is also open to experienced band students who wish to change to a different instrument. The goal of the course is for each student to eventually be placed into Senior High band at CVCA. Instrumental music experience is not required. Students will be given direction from the instructor in choosing an instrument appropriate for their physical make up. Students participating in the course will be required to obtain their own instrument, with the exception of students who choose some of the low brass and woodwind instruments, which will be provided by CVCA.

*Color Guard: Grades 9, 10, 11 and 12**Semester; 1/8 credit*

Color guard is available for non-band students who would like to participate in marching band. The course can be taken multiple years. **The students meet during the scheduled band period and after school during the marching season (fall). By audition.**

*Symphonic Band: Grades 9, 10, 11 and 12**Annual; 1 credit*

The Symphonic Band is the premier High School band at CVCA. This ensemble is a high school performing ensemble emphasizing the analysis, preparation, interpretation, and presentation of secular and sacred band literature. Repertory is selected from grade 3 and 4 difficulty. A wide variety of level-appropriate music is studied. Instruction within the course emphasizes advanced technical skill along with the application and synthesis of advanced musical concepts. Students give up to twenty performances per year, including a biannual spring tour (next scheduled for 2011). **All performances are mandatory.** The course can be taken multiple years. **Marching Band membership and previous band experience is required.**

*Intermediate Handbells: Grades 9 and 10**Annual; 1/2 credit*

Intermediate Handbell Choir is for students who have either played in Junior High Handbell Choir or who display a high level of music and rhythm reading ability. This is a performing group that will play for chapels, at all CVCA concerts, and also at area Christian schools. **All performances are mandatory.** The course can be taken multiple years. **Membership is by director permission.**

*Advanced Handbells: Grades 10, 11 and 12**Annual; 1 credit*

The Advanced Handbell group is one of the premier performing groups at CVCA. Emphasis of the course is placed on the synthesis of musical concepts in order to facilitate a high level of skill in performance. The "Royal Ringers" perform extensively throughout the year and tour biannually (next scheduled for 2012). **All performances are mandatory.** The course can be taken multiple years. **Previous handbell experience is required along with an audition and director approval.**

*String Ensemble: Grade 9**Annual; 1 credit*

This is a training and performing ensemble and instrumental class emphasizing the analysis, preparation, interpretation, and presentation of secular and sacred string literature. Study is given to many styles of music literature. The ensemble performs 3-4 times per year. The course can be taken multiple years.

*String Orchestra: Grades 9, 10, 11 and 12**Annual; 1 credit*

The Orchestra is a performing group consisting of CVCA's most advanced string players. Most students in this ensemble take private lessons outside of CVCA. Many of these students perform in local orchestras, such as the Akron and Cleveland Youth Symphonies. This group gives many performances each year and has toured internationally. The course can be taken multiple years. **Membership in the CVCA Orchestra is by director permission only.**

*Women's Chorale: Grades 9, 10, 11 and 12**Annual; 1 credit*

The Women's Chorale consists of 8th- 12th grade females singing primarily SSA (1st & 2nd soprano and alto) music. **Admission to the course is by audition the spring prior to the class.**

This group performs primarily SSA (Soprano, Second Soprano and Alto) music of various styles including hymns, contemporary Christian, and traditional chorale music. The foundations of singing including correct posture, breathing and vocal warm-up techniques are reviewed. Intermediate music theory and music reading is also included through various sight reading method books. Three main performances are held throughout the year: Children's Hospital Tree Lighting Festival, Christmas Choral Concert, and Spring Choral Concert; **these performances are mandatory.**

*Concert Choir: Grades 9, 10, 11 and 12**Annual; 1 credit*

The Concert Choir is open to all students in 9-12 grade **with director permission**. This group performs SATB (soprano, alto, tenor, bass) music. While being able to read music is not a prerequisite, it is preferred. Correct posture, breathing techniques, and proper tone production are reinforced. Advanced sight reading and singing in foreign languages are explored in this class. Three main performances are held throughout the year: Children's Hospital Tree Lighting Festival, Christmas Choral Concert, and Spring Choral Concert; **these performances are mandatory**. The Concert Choir tours with the Chamber Singers biannually, and fund raisers are available to help students pay for their trip. All students are asked to participate.

*Gospel Choir: Grades 9, 10, 11 and 12**Annual; 1 or ½ credit*

The Gospel Choir is open to students in grades 7-12 and is available during periods 5a, 5b, and 5c. Students may take the course during two of the 5th period time slots for one credit, or may take the course during their lunch period (one slot) for ½ credit. The choir sings traditional spirituals and gospel music of many different styles. Two main performances are held throughout the year: Christmas Choral Concert, and Spring Choral Concert; **these performances are mandatory**. This group travels to various other locations to perform for events such as The Gospelfest Invitational, The National Day of Prayer; Gospel Choir also performs at area nursing homes and elementary schools. These performances are mandatory for the student to participate in. Students receive ¼ credit to be in this ensemble during their lunch period.

*Chamber Singers: Grades 9, 10, 11 and 12**Annual; 1 credit*

Admission to the course is by audition, which includes sight reading, the spring prior to the class. Students should consider private voice lessons as preparation for auditions. This group performs SSAATTBB (soprano 1 & 2, alto 1 & 2, high tenor, middle tenor, baritone, bass) music of varying styles. Three main performances are held throughout the year: Children's Hospital Tree Lighting Festival, Christmas Choral Concert, and Spring Choral Concert; **these performances are mandatory**. This group also participates in OMEA Large Group Adjudicated Events and OMEA Solo and Ensemble Competition. Students interested in singing high-level choral music or who will be majoring in music in college should audition for this group. The Chamber Singers tour with the Concert Choir biannually. and fund raisers are available to help students pay for their trip. All students are asked to participate.

*AP Music Theory: Grade 11 or 12**Annual; 1 credit*

AP Music Theory is an advanced-level music course designed for junior and senior students with a strong interest in music. The course is geared to explore detailed music theory concepts, to explore general aspects of music history, and to develop ear training and sight reading skills. Students learn basic chordal structure and functional tonality, principles of harmonization, voice leading guidelines, four part writing, modulation, and common musical forms. **Students have the opportunity to take the AP Music Theory exam in May.**

Health and Physical Education: Students are required to take one semester of health, one semester of physical education in the fall, and one semester of physical education in the spring. However, the physical education requirements may be waived as explained here:

Beginning with the graduating class of 2011: A student who, during high school, has participated in (1) interscholastic athletics; (2) cheerleading; or (3) marching band/color guard for at least two full seasons is not required to complete any physical education courses as a condition to graduate. Each student opting for this exemption must sign up for it in the guidance office. The student must

complete both full seasons before the end of the junior year. Participation in interscholastic athletics, cheerleading, or marching band/color guard prior to fall 2009 does not apply.

Boys' Health: Grade 10, 11 or 12

Semester; ½ credit

This course is designed to teach students the wellness approach to good health and the need for balance in the physical, emotional, intellectual, social, and spiritual areas of their lives. It seeks to produce an awareness of Christ-like stewardship toward every aspect of life. Topics of study include: mental and emotional health; digestion; circulation; respiration; physical fitness; reproduction; and dating. Each student is required to research and write a report on a health-related topic of choice and to present it to the class orally. Various speakers will present different areas of expertise during the semester, such as the Ohio Department of Public Safety on alcohol abuse; the CATS (Concerned About Teen Sexuality) program also does a presentation in class.

Girls' Health: Grade 10, 11 or 12

Semester; ½ credit

This course is designed to teach students the care and function of their bodies. It seeks to produce an awareness of Christ-like stewardship toward every aspect of life, including: mental, physical, emotional, social, and spiritual aspects. Topics of study include mental and emotional health; circulation; respiration; digestion; physical fitness; basic life saving; reproduction (including pregnancy; labor; and childbirth); and dating. Each student is required to research and write a report on a health-related topic of choice and to present it to the class orally. A fitness notebook is required for each student during the physical fitness unit. One field trip is scheduled to Akron Pregnancy Services and Cuyahoga Falls General Hospital. Various speakers will present areas of expertise during the semester such as the Ohio Department of Public Safety on alcohol abuse and the YWCA on date rape. The "CATS" (Concerned About Teens Sexuality) also does a presentation in class.

Boys' PE: Grade 9, 10, 11 or 12

Semester; 1/4 credit

This course seeks to develop Christ-like attitudes and actions through the medium of physical education. The students are taught the necessity for physical fitness and the carryover value of fitness throughout their lives. This course consists of two distinct semesters; fall and spring. The basic goal of this course is to introduce the individual to many different areas of physical education. These include team sports; lifetime sports; individual sports; and fitness education. This class seeks to develop the student's coordination; flexibility; agility; sportsmanship; strength; and overall fitness. Cognitive awareness of rules, equipment, and safety are covered in each unit. Some of the units that may be covered include: soccer, tennis, golf, speedball, football, floor hockey, basketball, volleyball, fitness activities, aerobics, weight training, bowling, recreational games, team handball, lacrosse, track and field, softball, roller skating, and tennis. **An in-code physical education uniform (shorts and t-shirt) is required for daily participation. It may be purchased from the Physical Education instructor.**

Girls' PE: Grade 9, 10, 11 or 12

Semester; 1/4 credit

This course seeks to develop Christ-like attitudes and actions through the medium of physical education. The students are taught the necessity for physical fitness and the carryover value of fitness throughout their lives. This course consists of two distinct semesters; fall and spring. The basic goal of this course is to introduce the individual to many different areas of physical education. These include team sports; lifetime sports; individual sports; and fitness education. This class seeks to develop the student's coordination; flexibility; agility; sportsmanship; strength; and overall fitness. Cognitive awareness of rules, equipment, and safety are covered in each unit. Some of the units that may be covered include: soccer, tennis, golf, speedball, football, floor hockey, basketball, volleyball, fitness activities, aerobics, weight training, bowling, recreational games, team handball, lacrosse, track and field, softball, roller skating, and tennis. **An in-code physical education uniform (shorts and t-shirt) is required for daily participation. It may be purchased from the Physical Education instructor.**

Schools of Distinction Course Offerings

School of Business

Accounting 1: Grade 11 or 12 elective

Semester; ½ credit

Accounting 1 is an introductory course of the principles of accounting as they apply to a single proprietorship, a partnership, and/or a corporation. This course gives students a background in the basic accounting procedures used to operate a business. The basic accounting cycle is covered from opening an accounting system through the post-closing trial balance and the preparation of financial statements. The accounting procedures presented also serve as a sound background for employment in office jobs and preparation for studying business courses in college. Students have the opportunity to use accounting software along with their regular books. Students may compete in different opportunities and become a member of a co-curricular program entitled Future Business Leaders of America (FBLA). **Computer Applications is a prerequisite.** *Qualifies for Graduation in School of Distinction.*

Introduction to Business and Entrepreneurship: Grade 11 or 12 elective

Semester; ½ credit

This is a course designed to introduce the student to the principles and functions of business and entrepreneurship. Business will be studied as a part of a total social, political and economic environment. The various functional areas of business will be discussed: economic systems, forms of business ownership, small business, management, human relations, marketing, accounting, finance, stock market, and business law. Many of these broad topics will be introduced with strong emphasis on "learning by doing" through case studies and projects. **Acceptance into School of Business is required.** *Qualifies for Graduation in School of Distinction.*

School of Engineering

Engineering I: Grade 11 or 12 elective

Semester; ½ credit

Engineers use mathematics extensively, reason quantitatively, and communicate effectively in both written and oral forms as they work in teams. This course introduces students to the tools, tasks, and culture of engineering including ethical and moral conduct. Students are exposed to the great array of opportunities and possibilities of today's engineering fields. Students undertake small projects, each one utilizing a computer tool widely used by engineers in their work such as spreadsheets, computer-based computations, e-mail, and the Internet. All projects are completed with brief oral reports and demonstrations. Pro Desktop (ProE) solid modeling, bridge model building and testing, and engineering drawing are included. Students have the opportunity to enter local, regional, and national competitions. **Acceptance into the School of Engineering is required; Algebra 2 is a co-requisite.** *Qualifies for graduation in School of Distinction.*

Engineering II: Grade 11 or 12 elective

Semester; ½ credit

This course allows students to experience the multiple fields of engineering through individualized projects. Computer-based programming in combination with Lego Mindstorm kits excite students while teaching them problem solving, logic, and digital electronics. Instruction in Pro Desktop solid modeling continues. Students continue with small projects, each one utilizing a computer tool widely used by engineers in their work such as spreadsheets, computer-based computations, e-mail, and the Internet. All projects are completed with brief oral reports and demonstrations. Students have the opportunity to enter local, regional, and national competitions. **Acceptance into the School of Engineering is required; Pre-Engineering, Part 1, is a prerequisite, and Algebra 2 is a co-requisite.** *Qualifies for graduation in School of Distinction.*

Engineering III: Grade 12 elective

Semester; ½ credit

Acceptance into the School of Engineering is required; Pre-Engineering, Part 2, is a prerequisite.
Qualifies for graduation in School of Distinction.

Engineering IV: Grade 12 elective

Semester; ½ credit

Acceptance into the School of Engineering is required; Pre-Engineering, Part 3, is a prerequisite.
Qualifies for graduation in School of Distinction.

School of Ministry

Biblical Greek: Grade 11 or 12 elective

Annual; 1 credit

This is a study of the basic elements of New Testament Greek. Students are taught to adequately translate the book of I John from Greek to English. *Elective open to all; qualifies for graduation in School of Distinction.*

Biblical Prophecy: Grade 11 or 12 elective

Semester; ½ credit

This class engages in a verse-by-verse study of the entire book of Revelation. Other biblical passages are also studied to enhance understanding of the book of Revelation. There is an emphasis on the seven churches in Revelation 2 and 3 through videos portraying the geography and the history of each church. Emphasis is placed on the person of Christ as seen in Revelation; the various judgments of God; and the return of Christ, Heaven, the New Jerusalem, and eternity. *Elective open to all; qualifies for graduation in School of Distinction.*

Foundations of Christian Relationships: Grade 12 elective

Semester; ½ credit

Relationships focuses on helping students understand and accept who they are as God created them. Our study focuses on both basic personality issues and gender and role differences. After this foundational study, we look at forming relationships, beginning with friendships and ending with the topic of marriage. The class involves special weekly speakers, journaling, and class discussion. *Elective open to all; qualifies for graduation in School of Distinction.*

Practical Christian Ministry: Grade 11 or 12 elective

Semester; ½ credit

Acceptance into the School of Ministry is required. *Qualifies for graduation in School of Distinction.*

Worship Leadership: Grade 11 or 12 elective

Annual; 1 credit

Instructor approval required; audition required. *Qualifies for graduation in School of Distinction.*