

# LANDMARK CHRISTIAN SCHOOL

## High School Course Catalog 2012-2013

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# BIBLE

<b>Course Name</b>	<b>Course Description</b>	<b>Level</b>	<b>Pre-requisites</b>
Bible	A collection of twelve 3-week sessions each designed with a specific focus stemming from biblical readings	9-12	

# ENGLISH

Course Name	Course Description	Level	Pre-requisites
Am Lit/Comp	This course studies American Literature from a historical perspective in coordination with the American history class.	11	
AP Lang/Comp	Students will be provided with experiences and information necessary to complete the Advanced Placement English exam. Some of the topics covered are syntax, elements of fiction, reading of classic literature, vocabulary, and effective writing.	11	
AP Lit/Comp	This program serves as a culmination of the honors program by providing a college level class in the senior year and by using the College Board assessment for potential course credit.	12	
English Lit/Comp	This final year of English presents the literature organized by themes, with the core works of British literature in historical sequence coupled with literature of the world and minorities, most of which are included in anthology.	12	
Hon Lit/Comp	Students examine various genres of literature. The vocabulary study is more rigorous and expectations for both reading and writing are higher. Writing instruction develops competence and excellence for the five-paragraph essay.	9	
Lit/Comp	Literature and Composition offers a two-pronged focus on reading and writing. Students examine various genres of literature.	9	
Pre AP World Literature	Pre-AP World Literature and Composition is an advanced course that prepares task-oriented, proficient readers and highly-motivated writers for success in our high school's Advanced Placement program. This course follows a rigorous pace and requires daily homework. Analysis of world literature will include in-depth review of complex literary devices and rhetorical strategies.	10	
World Lit/Comp	This course focuses on world literature from a thematic perspective, stressing the development of critical reading, composition, and analysis skills.	10	

# FOREIGN LANGUAGE

Course Name	Course Description	Level	Pre-requisites
AP Spanish Language	<p>AP Spanish focuses on the continued development of communicative competence in Spanish and the understanding of the various Spanish-speaking cultures in the world. It assumes that students have successfully completed a level 3 or 4 course. Students gain confidence in recombining learned material, creating in Spanish to express their own thoughts, interacting with other Spanish speakers, understanding and creating oral and written messages in Spanish. They move from concrete to abstract concepts. The major means of communication between students and teachers is in Spanish. By the end of AP Spanish, students will exhibit Advanced-Low proficiency in speaking, writing, listening, and reading (ACTFL Proficiency Guidelines, 2012). Students take the AP Spanish exam at the end of the course.</p>	11-12	Spanish III or IV
Honors Spanish II	<p>Honors Spanish 2 focuses on the continued development of communicative competence in Spanish and the understanding of the various Spanish-speaking cultures in the world. It assumes that students have successfully completed a level 1 course or are at a Novice-Mid level of proficiency. Students begin to show a greater level of accuracy when using basic language structures, and they are exposed to more complex features of the language. The major means of communication between students and teachers is in Spanish. By the end of level 2, students will exhibit Novice-Mid level proficiency in speaking and writing and Novice-High level proficiency in listening and reading (ACTFL Proficiency Guidelines, 2012). Honors courses are taught at an accelerated pace with less time set aside to review previously-learned concepts.</p>	9-12	Spanish I
Honors Spanish III	<p>Honors Spanish 3 focuses on the continued development of communicative competence in Spanish and the understanding of the various Spanish-speaking cultures in the world. It assumes that students have successfully completed a level 2 course. Students use basic language structure with accuracy and recombine learned material to express their thoughts. They are exposed to more complex features of the language, moving from concrete to some abstract concepts. The major means of communication between students and teachers is in Spanish. By the end of level 3, students will exhibit Novice-High level proficiency in speaking and writing and Intermediate-Low level proficiency in listening and reading (ACTFL Proficiency Guidelines, 2012). Honors courses are taught at an accelerated pace with less time set aside to review previously-learned concepts.</p>	10-12	Spanish II or Hon Spanish II

Spanish I	Spanish 1 focuses on the development of communicative competence in Spanish and the understanding of the various Spanish-speaking cultures in the world. Students are not required to have any prior knowledge of the language and culture when they arrive in the class. The major means of communication between students and teachers is in Spanish. By the end of level 1, students will exhibit Novice-Mid level proficiency in speaking and writing and Novice-High level proficiency in listening and reading (ACTFL Proficiency Guidelines, 2012).	9-12	
Spanish II	Spanish 2 focuses on the continued development of communicative competence in Spanish and the understanding of the various Spanish-speaking cultures in the world. It assumes that students have successfully completed a level 1 course or are at a Novice-Mid level of proficiency. Students begin to show a greater level of accuracy when using basic language structures, and they are exposed to more complex features of the language. The major means of communication between students and teachers is in Spanish. By the end of level 2, students will exhibit Novice-Mid level proficiency in speaking and writing and Novice-High level proficiency in listening and reading (ACTFL Proficiency Guidelines, 2012).	9-12	Spanish I
Spanish III	Spanish 3 focuses on the continued development of communicative competence in Spanish and the understanding of the various Spanish-speaking cultures in the world. It assumes that students have successfully completed a level 2 course. Students use basic language structure with accuracy and recombine learned material to express their thoughts. They are exposed to more complex features of the language, moving from concrete to some abstract concepts. The major means of communication between students and teachers is in Spanish. By the end of level 3, students will exhibit Novice-High level proficiency in speaking and writing and Intermediate-Low level proficiency in listening and reading (ACTFL Proficiency Guidelines, 2012).	10-12	Spanish II

Spanish IV

Spanish 4 focuses on the continued development of communicative competence in Spanish and the understanding of the various Spanish-speaking cultures in the world. It assumes that students have successfully completed a level 3 course. Students gain confidence in recombining learned material, creating in Spanish to express their own thoughts, interacting with other Spanish speakers, understanding and creating oral and written messages in Spanish. They move from concrete to abstract concepts. The major means of communication between students and teachers is in Spanish. By the end of level 4, students will exhibit Intermediate-Low proficiency in speaking and writing and Intermediate-Mid level proficiency in listening and reading (ACTFL Proficiency Guidelines, 2012).

11-12 Spanish III

# HISTORY

Course Name	Course Description	Level	Pre-requisites
American Government & Economics	This course focuses on the U.S. Constitution and the workings of the political system in America. There is also an introduction and overview of the U.S. economic system and various economic concepts.	12	
AP Government & Politics	This college level course focuses on the U.S. Constitution and the workings of the political system in America. Students are given information on citizenship and encouraged to become responsible participants in the American political system. This is a one semester class which is a co-requisite with Economics.	12	
AP US History	This is a rigorous college level course designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. This class is a Dual Enrollment class.	11	
AP World History	This is a rigorous college level course designed to develop critical thinking skills such as historical argumentation, chronological reasoning, comparison and contextualization, and historical interpretation and synthesis while studying the six major time periods in world history.	10	
Economics	This course provides the basic foundation for the study of economics and includes a broad overview of microeconomic and macroeconomic principles as well as personal finance. This is a one semester class which is a co-requisite with AP Government & Politics.	12	
US History	This course surveys the major events, ideas, institutions, and personalities that have influenced American political, economic, social, and cultural history from 1450 to the present day.	11	
World History	A survey course in world history. Students will gain an understanding of the major similarities and differences between civilizations around the world within historical time periods as well as an understanding of major changes that take place within a civilization over time.	10	

# JOURNALISM

<b>Course Name</b>	<b>Course Description</b>	<b>Level</b>	<b>Pre-requisites</b>
Speech	The Speech curriculum intertwines the study of public speaking, voice pedagogy, modern media analysis and fine tuning of self-expression techniques.	9-12	
Yearbook	Yearbook students will learn to write, report a story, interview, edit writing and give constructive criticism, take criticism, work as a group, learn the rules of a game they weren't familiar with before, design & create layouts, learn new software skills or technology, compromise, discuss and lobby a point, represent an organization, fill in for others, ask others to fill in for you, report to a higher up, direct others to be accountable, take direction from peers, think on their feet, meet a deadline, create a final product.	9-12	English faculty recommendation

# LEARNING CENTER

<b>Course Name</b>	<b>Course Description</b>	<b>Level</b>	<b>Pre-requisites</b>
Support Skills	Eligible students receive academic tutorial assistance for concept or skill attainment, learn compensatory strategies for note taking, test preparation, study skills, and organization, as well as identify technologies to improve performance.	9-12	

# MATH

Course Name	Course Description	Level	Pre-requisites
Algebra I	Algebra I is designed to introduce students to the concepts of Algebra. The student will begin by learning the language of Algebra.	9	
Algebra II	Algebra II emphasizes functions. Students enrolled in Algebra II enter after taking Geometry, but need a solid understanding of the concepts taught in Algebra I to succeed.	10-11	
AP Calculus AB	AP Calculus is the most advanced course on the college prep ladder. Only students who take Algebra I in 8th grade and show an exceptional understanding of trigonometry and functions should be considered for AP Calculus.	11	
AP Calculus BC	AP Calculus is the most advanced course on the college prep ladder. Only students who take Algebra I in 8th grade and show an exceptional understanding of trigonometry and functions should be considered for AP Calculus BC.	12	
Calculus	Calculus is a course that emphasizes rates of change. The course is broken down into four parts: a review of functions, limits and continuity, derivatives, and anti-derivatives with the majority of the content covering derivatives and anti-derivatives.	12	
Geometry	Geometry provides students with a way to link their perceptions of the real world with the mathematics of problem solving. It includes Euclidean and Non-Euclidean topics in both 2 and 3-dimensions.	9-10	
Hon Algebra II	Algebra II Honors emphasizes critical thinking, reasoning, discovery, and application related to functions. The honors courses move more quickly, broadly, and deeply through the course materials, adding in supplementary topics.	10	
Hon Geometry	Geometry provides students with a way to link their perceptions of the real world with the mathematics both in two and three dimensions. The honors courses move more quickly, broadly, and deeply through the course materials.	9	
Pre-Calculus	Pre-Calculus (Advanced Algebra and Trigonometry) provides students with foundation necessary to be successful in a higher level math course. It is a combination of advanced algebra, trigonometry, elementary analysis, and analytical geometry.	11-12	
Statistics	Statistics prepares the college bound student interested in the fields of business, liberal arts, and social sciences. Statistical methods are used in almost all fields of study at the college level. This class is a Dual Enrollment class.	12	

# PERFORMING ARTS

<b>Course Name</b>	<b>Course Description</b>	<b>Level</b>	<b>Pre-requisites</b>
Band	A growing ensemble that triples as a Concert Band, Jazz Band, and Drum Line. This ensemble will participate at festival each year as well as perform Christmas and Spring concerts.	9-12	
Chamber Singers	Chamber Singers is an auditioned vocal ensemble consisting of advanced choral singers that sing primarily a cappella works from all styles, genres and eras. Prerequisite of one year in Chorus before being able to audition and participate in Chambers.	10-12	Audition
Chorus	Students become proficient singers and musicians through learning the foundations of proper vocal technique, sight-reading and music theory. Students perform in a minimum of two concerts a year in addition to preparing for the spring music festival.	9-12	
Theater	Theater is an introduction to the full range of Performing Arts. Included elements are speech, dance, music, voice, and acting.	9-12	
Centre Stage	This is a public performance based class. It is for the advanced, well rounded performer. A student must have completed a performing arts credit and exhibit leadership skills.	10-12	Audition

# PHYSICAL EDUCATION

<b>Course Name</b>	<b>Course Description</b>	<b>Level</b>	<b>Pre-requisites</b>
Adventure PE	Adventure PE focuses on a variety of non-traditional sports such as rock climbing, skeet shooting, disc golf, and many others. The focus of this class is to instill a desire to pursue non-mainstream athletics.	10-12	
Personal Fitness	Personal Fitness will concentrate on aerobic discipline and increasing overall flexibility and stamina. Our focus will be on developing lifetime habits of fitness.	9-12	
General Physical Education & Health	The Health course is designed to develop awareness of the need for good health through the following topics: personal health and fitness, emotional and mental health, family life education, alcohol and drug awareness, first aid, etc.	9-12	
Nutrition & Wellness	This course teaches students that whether they work out at the health club, compete with a varsity team, or have a busy life, they can nourish themselves with a diet that supports good health and high energy.	9-12	
Sports Medicine	This course will provide the students with a systematic approach to carry out orthopedic assessment of injuries in the lower and upper extremities along with basic anatomy and physiology. This course is sometimes referred to as Sports Medicine.	9-12	
Weight Training	The primary goal of Weight Training class is to improve athletic performance in each student. This will be accomplished by developing strength, improving speed, and increasing overall flexibility.	9-12	

# SCIENCE

Course Name	Course Description	Level	Pre-requisites
AP Biology	AP Biology is intended to be the equal to a general biology course that would be taken during a student's first year in college. There is a strong laboratory element stressed in the course. The course requires that a student has successfully completed an introductory high school biology and chemistry course.	11-12	Biology and Chemistry faculty recommendation
AP Chemistry	The AP course is intended to be the equal to a general chemistry course that would be taken during a student's first year in college. The course requires that a student has already successfully completed an introductory high school level chemistry class.	11-12	Chemistry and Math faculty recommendation
AP Physics B	This course is designed to be equivalent to a college level physics course. Topics for the course include Newtonian mechanics, fluid dynamic, waves and optics, thermodynamics, electricity and magnetism, and nuclear physics.	11-12	Chemistry and Math faculty recommendation
AP Physics C	AP Physics C is an intensive study of physics principles including Classical Mechanics, Electricity, and Magnetism. Calculus is used throughout the course as a basis for problem solving. A minimum of 20% of course time is devoted to laboratory exercises.	11-12	Chemistry and Math faculty recommendation
Astronomy	Astronomy is a survey course of the major aspects of astronomy and astronomical observation. Topics included in lecture and readings will include ancient astronomy, modern observational astronomy, our solar system, the life cycle of stars, and the space exploration.	11-12	Chemistry
Biology	This course will give students an opportunity to explore the intricacies of nature and the organisms that exist within it. Students will explore the scientific method, biochemistry, heredity, genetics, and the evolution debate.	9	
Chemistry	The course explores the behavior of matter and its properties. Students will understand the periodic table, simple chemical nomenclature, stoichiometry, balancing equations, and various other introductory topics.	10-11	Geometry
Hon Biology	This course encompasses cellular morphology and physiology, including cellular respiration, fermentation and photosynthesis, cell reproduction and genetics.	9	8 <sup>th</sup> Grade Science and Math faculty recommendation

Forensic Science	Forensic Science is the application of science to the criminal and civil laws that are enforced by police agencies in our criminal justice system. This course will be an introduction to the major topics involved in the field of forensic science. Emphasis will be placed on problem-solving, hands-on activities and laboratory exercises. Topics include: Forensic Science and the law, types of evidence, crime scene survey, fingerprinting, hair & fiber evidence, drugs & toxicology, trace evidence, blood grouping & blood spatter, DNA analysis, human remains & decomposition, firearms & ballistics, tool marks, impressions, document & handwriting analysis, fraud, and anthropology.	11-12	Chemistry
Hon Chemistry	This course is designed to prepare students for college-level classes through a detailed understanding of the interaction of matter and energy. Concepts will be illustrated with practical applications as well as the use of scientific methodology.	10-11	Biology and Math faculty recommendation
Human Anatomy	This course allows students to explore the human organism from cellular level physiology to the advanced anatomical makeup. Students explore the histology of tissues, examine dissected organisms and study human muscles and bones.	11-12	Chemistry
Marine Biology	Marine biology is an intensive study of the oceans, both physical and biological with an emphasis on the ecology of oceans and man's interactions and impact. Dissection is an integral part of the curriculum. Field Study Trips to the Georgia Aquarium and a coastal Marine Science Center are tentatively planned and will incur an additional cost.	10	Biology or Honors Biology
Physical Science	This course is designed to assist students in general science concepts with a major emphasis on chemistry and physics. Topics include atomic structure, the periodic table, bonding, formula writing, chemical equations, acids, bases, motion, energy, etc.	10	
Physics	This course provides an awareness of the mechanics and dynamics of objects in motion. Students will have an opportunity to explore force, momentum, electricity, specific heat capacity, work, power, optics, and sound.	11-12	Chemistry

# SERVICE

<b>Course Name</b>	<b>Course Description</b>	<b>Level</b>	<b>Pre-requisites</b>
SIC Aide	This course is a one semester course for seniors. Students will assist the Student Information Center in checking students in and out of school and delivering information to students in class. This course can be taken multiple times.	12	
Teacher Aide	This is a one semester course for seniors. Students will assist teachers with duties classroom duties. This course can be taken multiple times.	12	

# TECHNOLOGY

Course Name	Course Description	Level	Pre-requisites
Computer Applications	This course will give the students an outline of basic strategies involved in using Microsoft Office. While basic training comes from the instructor, course itself is very much an independent study course, utilizing the idea that students learn best by trial and error. Topics for the course will include Microsoft products such as Word, Excel, and PowerPoint. Depending on the pace of the class, Adobe Photoshop Elements may be included as well.	9-12	

# VISUAL ARTS

Course Name	Course Description	Level	Pre-requisites
AP Art 2-D Design	This portfolio provides use of the camera and computer along with other traditional drawing techniques. The student will push for range but also develop a concentrated area of study. Portfolio and faculty approval is required.	11-12	Art Foundations
AP Art 3-D Portfolio	Encourages exploration and skill within the study of sculpture and ceramics. This course promotes expanding the range within the three dimensional form while encouraging the focus of selected study. Portfolio and faculty approval is required.	11-12	Art Foundations
AP Drawing Portfolio	Designed by the College Board to address a very broad interpretation of drawing and media issues. This course also directs the student through a specific thesis study. Portfolio and faculty approval is required.	11-12	Art Foundations
Art Foundations	This course serves as a pre-requisite to all upper level art courses. A basic overview of art appreciation and 2D/3D designs are explored by applying art elements and principles to concepts of composition, drawing, painting, collage, & perspective.	9-12	
Drawing & Painting	This is an introduction to fundamental principles of painting, drawing, methods & materials. A focus is given to developing perceptual abilities, sensitivity and understanding of color, & compositional ideas. (A prerequisite of foundations is required).	10-12	Art Foundations
Pottery & Sculpture	Develops basic sculpture skills using subtractive, additive and assemblage methods. An intro to clay is taught with a focus on hand building techniques and demo/ intro to the wheel. (A prerequisite of foundations is required).	10-12	Art Foundations
Photography I	Digital Photography 1 introduces students to the basic techniques, processes, and language of digital photography. This class concentrates on many areas of photography: technical skills, creativity, composition, computer/digital imaging, and some alternative processes, using Photoshop Elements. Control of photo equipment and techniques, experimentation, problem solving, and opportunity for portfolio development are all included in this course.	9-12	

Photography II	Digital Photography 2 continues where Photo 1 let off. Students will advance into the creative aspect of Photoshop, combining shooting images to use in weekly tutorials in Photoshop Elements. This class concentrates on many areas of photography: technical skills, creativity, composition, computer/digital imaging, and intermediate alternative processes, using Photoshop Elements. Problem solving and opportunity for portfolio development are all included in this course.	10-12	
Photography III	Digital Photography 3 continues on from using the fundamentals learned in Photography 1 & 2 and incorporating them into various creative projects. This class involves computer/digital imaging, advanced technical shooting, and some alternative processes (such as photo transfer), using Photoshop Elements. Opportunity for portfolio development is all included in this course.	10-12	