



**HIGH SCHOOL  
COURSE CATALOG  
2016-2017**

**Phnom Penh, Cambodia**

# Logos International School Course Offerings 2016-2017

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## **Logos International School Mission Statement**

*Logos International School is dedicated to academic excellence in providing a well-rounded, quality, Christian education to students from all ethnic and socio-economic backgrounds. Upon graduation, students will be equipped to view all aspects of life from a biblical perspective, to serve and help transform their communities for Christ, and to pursue further education.*

### **Expected School-wide Learning Results (ESLRs)**

*Believing that our ultimate activity is to “love the Lord your God with all your heart and with all your soul and with your mind and with all your strength and to love your neighbor as yourself” (Mark 12:30-31), our vision is for every Logos graduate to be:*

#### **A Spiritually Maturing Individual, who is equipped to:**

- Have a growing relationship with Christ as his/her personal Savior
- Find his/her identity in Christ
- Appreciate the Bible as the inspired Word of God
- Participate in service and evangelism and share and defend his/her beliefs
- Make moral and ethical decisions based on a biblical worldview
- Recognize the importance of a well-balanced spiritual, emotional, and physical lifestyle

#### **An Academically Sound Student, who is:**

- Equipped to achieve his/her God-given potential
- A rational and critical thinker and applies understanding and knowledge to new problems
- Developing skills to be a life-long learner
- An effective communicator in speech and writing
- Technologically literate and able to apply technology productively and ethically

#### **A Socially Responsible World Citizen, who:**

- Takes personal responsibility for actions and attitudes
- Recognizes and respects authority
- Has Christian love and compassion for people of all gender, races, backgrounds, and social status
- Exercises servant leadership with humility and integrity
- Is an effective team member
- Has an appreciation for culture and the arts
- Is a good steward of all that God has given us

## Graduation Requirements

The graduation requirements for the high school are based on four years of attendance. To graduate from Logos International School, **a student must earn a minimum of 29 units of credit**. In keeping with the philosophy and goals of Logos, each student is expected to complete a minimum of:

- 4.0 credits of Bible (1 for each year in high school at Logos)
- 4.0 credits of English
- 3.0 credits of Math
- 3.0 credits of Social Studies
- 3.0 credits of Science
- 2.0 credits of the same World Language
- 2.0 credits of Fine and Performing Arts
- 1.5 credits of Physical Education
- 0.5 credits of Health
- 1.0 credit of Information Technology (IT)
- 0.5 credits of College and Career
- 4.5 Elective credits

### Notes:

- The above credits represent the minimum required for graduation. Many university admission policies prefer four credits in the core disciplines (i.e. English, Social Studies, Language, Mathematics, Science). During the course sign-up process, students will have the opportunity to consult with the High School Principal or College Advisor.
- In addition to credits, each student is required to perform twenty hours of community service each year. These service hours must be registered with a Homeroom teacher.
- Students in grades 11 and 12 may register for a maximum of one study hall each year. This means that students who are in Logos all four years of high school will normally complete between 30-32 credits by graduation. Thus, students will typically take courses above and beyond the minimum requirements stated above.
- Exceptions to any of the above may be made from time-to-time at the Principal's discretion.

## Course Sign-up and Change Procedures and Guidelines

When signing up for courses, students must bear in mind:

- The number of study hall periods allowed (one per online class or AP class; one additional for 11<sup>th</sup> and 12<sup>th</sup> grade).
- The credits they have already completed and the credits they need to graduate.
- That certain courses cannot be taken unless the prerequisite course(s) have been taken. (This booklet lists prerequisite requirements, if any, for each course).
- That certain courses may only be taken if the course instructor accepts the student.
- That certain courses may not be offered every year.
- That certain courses (e.g. Bible) are required.
- That a course may only be repeated if the principal and college advisor allow the student to do so.
- That students are advised to complete their required courses early on in high school.

Returning Logos students<sup>1</sup> will begin signing up for courses in May. They must obtain signatures from their parent/guardian. Each student will be scheduled to meet with either the Guidance Counselor or High School Principal for final approval and scheduling. Students are scheduled in the following order: Seniors first, then Juniors, then Sophomores, and lastly Freshmen. Within each grade level, the students are ordered randomly.

After all sign-ups are completed some adjustments to the master schedule may be necessary.

Students will be given their schedules in May or the beginning of the school year.

Students then have until the end of the school year to make adjustments to their schedule. An Add-Drop form (with appropriate signatures obtained) must be used to add or drop a course from the schedule.

At the beginning of Semester 1 (Fall) students will have one week to add/drop courses using the Add-Drop form (with appropriate signatures obtained).

At the end of Semester 1/beginning of Semester 2 students will have an opportunity to add or drop *only semester-long courses*, if possible. Year-long courses normally cannot be added or dropped. Add-drop requests must be made using the Add-Drop form (with appropriate signatures obtained) by the end of the first week of Semester 2.

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<sup>1</sup> New students will be contacted in May and will be asked to schedule an interview with the Secondary Principal. New students accepted later than May will be scheduled in late July or early August.

## Advanced Placement

Logos offers several Advanced Placement (AP) courses to help prepare students for the demands of college or university education. Advanced Placement courses permit students to take a challenging exam set by The College Board. Students who score well on the exam could receive college credit at the discretion of individual colleges and universities. Therefore, AP courses expose students to rigorous academic programs that use college level material.

At Logos, AP enrollment requirements conform to the College Board's (2002) equity policy:

*"The College Board is committed to the principle that all students deserve an opportunity to participate in rigorous and academically challenging courses and programs. All students who are willing to accept the challenge of a rigorous academic curriculum should be given consideration for admission to AP courses."*

Students will be accepted into AP courses on the basis of having successfully met all prerequisite coursework and having the permission of the course instructor. During the course registration process, students will have opportunities to consult with the course instructor and with the high school principal or college advisor to ensure that they are adequately prepared for AP studies.

## High School Bible Course Offerings

1.0 credit of Bible for each year in high school at Logos

### Old Testament Survey

<b>Required:</b>	Grade 9 students	<b>Grade:</b>	9
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Bible Credit		

**Course Description:** A historical and theological survey of the books of the Old Testament with a special emphasis on God's revelation of redemption in Jesus Christ and how this is applied to our lives. This course will help a student to be able to read and understand the Old Testament and examine it from a Redemptive historical perspective.

### New Testament Survey

<b>Required:</b>	Grade 10 students	<b>Grade:</b>	10
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Bible Credit		

**Course Description:** Grade 10 New Testament Survey is designed to build on the students' existing knowledge of the stories of the New Testament. The course aims to increase the students' skills in reading and interpreting the New Testament with appropriate historical

and cultural background and literary genre considerations. Every New Testament book is surveyed, though some are studied in greater depth than others. The students interact with the material through class discussions, homework questions, papers, projects, and quizzes. The goal of this study is meant to develop all students in their knowledge, understanding, and experience of the power of God's written word and to encourage growth and strengthening of their personal relationship with God.

## Bible Interpretation

<b>Required:</b>	No	<b>Grade:</b>	11
<b>Prerequisites:</b>	None	<b>Duration:</b>	One Semester
<b>Credits:</b>	0.5 Bible Credit		

**Course Description:** The Bible Interpretation course is designed to help students to understand the Bible as it was intended to be understood. The class is aimed at teaching students how to observe, analyze, research, interpret, and apply the biblical text through a basically historical-grammatical approach to the Old and New Testament. Class discussion, lecture, and research make up a large portion of the class time. The ultimate goal is to give students a greater ability to understand God's Word to meet their own spiritual needs, to help those around them and to provide a defense of the Christian faith.

## Worldviews

<b>Required:</b>	N/A	<b>Grade:</b>	11
<b>Prerequisites:</b>	None	<b>Duration:</b>	One Semester
<b>Credits:</b>	0.5 Bible Credit		

**Course description:** Students will study the concept of worldview and the worldviews that have been predominant through history. They will also review the ways the church has engaged and interacted with the society through history. What is the church's responsibility to society? What does it mean to act justly? Students will also look at a biblical understanding of what it means to be human. What does it mean to be religious? Where does the impulse to religion originate? Moving beyond the theoretical, students will study real life scenarios and develop a picture of what it means to be a responsible world citizen as a believer.

## Missio Dei (Mission of God)

<b>Required:</b>	No	<b>Grade:</b>	11/12
<b>Prerequisites:</b>	None	<b>Duration:</b>	One Semester
<b>Credits:</b>	One Bible credit		

**Course Description:** This book introduces the term "Missio Dei" which means literally "the mission of God." Explore and engage in God's mission as the foundation for the story of the Bible, as the lens through which we all relate to others cross-culturally, as the centerpiece of history and as the driving force for living "missionally" in whatever context we find ourselves. Enter into a deeper understanding of God through joining Him on the adventure of a lifetime.

## Philosophy & Christian Apologetics

<b>Required:</b>	No	<b>Grade:</b>	11-12
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	1 Bible Credit		

**Course Description:** P&CA is a course designed to guide senior students through a critical analysis of basic beliefs. This is accomplished through a critique of basic beliefs by examining uncritically held presuppositions about life. In the first unit, the students will be exposed to principles of basic philosophy. As the students continue to examine basic beliefs, the course moves to a basic presentation and critique of the defense of theistic and Christian basic beliefs. The course is, therefore, a blend of basic philosophy and Christian apologetics.

## High School English Course Offerings

4.0 credits required for graduation

### English 9

<b>Required:</b>	Grade 9 students	<b>Grade:</b>	9
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One English Credit		

**Course Description:** This course will focus on the development of reading, writing, speaking and listening skills. The focus of the reading will be from the *Elements of Literature* text and selected class novels. The literature will take a variety of forms including novels, plays, short stories, essays, articles, and poetry. When reading, students will employ numerous reading strategies to better understand the literature and will also be expected to apply the elements of story to the literature studied. The writing component of the course will include journal entries, free-writes, creative writing, essays, and working through the writing process. Students will work on their speaking skills through oral presentations. Discussion will also play a major part of our course and being an attentive listener will be important.

### English 10

<b>Required:</b>	Grade 10 students	<b>Grade:</b>	10
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One English Credit		

**Course Description:** This course will focus on the development of reading, writing, speaking, and listening skills. The focus of the reading will be from the *Elements of Literature* text and selected class novels. The literature will be a variety of forms including novels, plays, short stories, essays, articles, and poetry. When reading, numerous reading strategies will be employed to better understand the literature. Students will also be expected to apply the elements of story to the literature studied. The writing component of the course will include journal entries, free-writes, creative writing, essays, and working through the writing process. Students will work on speaking skills through oral presentations. Discussion will also play a major part of this course and being an attentive listener will be important.

## World Literature

<b>Required:</b>	Grade 11 or 12 students	<b>Grade:</b>	11-12
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One English Credit		

**Course Description:** This course aims to familiarize students with a range of World Literature. It will develop students' skills in analyzing texts thematically and stylistically. Students will work to understand the ways in which the different cultural contexts influence writers and their texts. Students will also improve writing skills by working through the writing process in a variety of modes.

## Creative Writing

<b>Required:</b>	elective	<b>Grades:</b>	10-12
<b>Prerequisites:</b>	English 9	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One English Credit		

**Course Description:** This course aims to familiarize students with a range of creative writing styles and modes. It will develop students' skills in analyzing stylistic choices within the genre of creative writing, as well as language structure choices. Students will work to understand the ways in which voice and word choice contribute to writing and reading. Students will also improve reading skills by reading pieces within the creative writing genre.

## High School Creative Arts Course Offerings

2.0 credits required for graduation.

The Creative Arts Division comprises the Visual Art, Music, and Drama Departments.

### Visual Art 1

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	0.5 Creative Arts Credit per Semester		

**Course Description:** Visual Art 1 helps students to master the foundations of creating and appreciating the visual arts. In this course the students develop the ability to recognise, investigate and respond to the visual arts. By creating works of art, students examine the importance of content, concepts and skills involved in the creation of original works of art and design personally and throughout the art history. Students maintain a sketchbook and art portfolio, wherein their artistic choice and growth becomes visible. Over the timespan of two semesters both traditional and contemporary media will be covered: drawing, painting, sculpture, printmaking, architectural design, interior design, photography, mixed media and video.

### Visual Art 2

<b>Required:</b>	No	<b>Grade:</b>	9-12
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**Prerequisites:** Visual Art 1 & teacher permission      **Duration:** Two Semesters  
**Credits:** 0.5 Creative Arts Credit per Semester

**Course Description:** Visual Art 2 helps students reinforce competence and confidence in skills of analysis, evaluation, and creation of works of art. Content and concepts associated with art criticism and aesthetics, specifically in the global and contemporary visual art context, are central to the refinement of art production skills. The student-directed approach at this level richly enhances the development of personal expressive abilities. An advanced level of performance that reflects critical and independent thinking and innovation is expected! Students continue to maintain a process art sketchbook. The art portfolio must show evidence of quality, concentration, and breadth of work produced throughout the Visual Art 2 program.

## Chorus

**Required:** No      **Grade:** 9-12  
**Prerequisites:** Permission of course instructor      **Duration:** Two Semesters  
**Credits:** 0.5 Creative Arts Credit per semester

**Course Description:** High School Chorus is designed both to teach students the basics of singing and to build on general musicianship. The basics are emphasized throughout the semester, but the students are challenged to new levels if they have already mastered the basics of good vocal technique. In order to practice and master vocal technique and give students experience in ensemble music and performance, the class is geared towards learning enough music for a final performance at the end of each semester. Music is taught and practiced in class for the final performance which is equivalent to the final exam. The students are taught many different genres of music in an attempt to not only expand their music skills but also their appreciation for music in general. An emphasis is also placed on personal connection with the music being sung so that the students might find personal joy in their music as an experience of the beauty of God. This emphasis carries over into instruction on how to perform, encouraging the students to realize that their music brings the beauty of God to those who listen to them. In this way, the students are taught to understand their singing as evangelistic and missional in nature.

## Drama

**Required:** No      **Grade:** 9-12  
**Prerequisites:** None      **Duration:** Two Semesters  
**Credits:** 1 Creative Arts Credit

**Course Description:** Theatre Arts at Logos touches all aspects of acting from theatre history, dramatic criticism, stagecraft, writing plays, improv, lighting, sound, as well as the basics of acting. The course includes: lecture, projects, monologues, scene work, and productions ranging from one act plays to a major production.

## Yearbook

**Required:** No      **Grade:** 9-12  
**Prerequisites:** Digital Design (recommended)      **Duration:** Two Semesters  
**Credits:** 1 Creative Arts Credit

**Credits:** 1 Creative Arts Credit **or** 1 IT Credit

**Course Description:** The Yearbook Course is an interdisciplinary course that teaches project management, business, leadership, photography, journalism, and graphic design. Students will create and execute a project plan to develop and produce a product they will sell: the 2015 Logos International School Yearbook, in time for delivery in the Spring.

## High School Information Technology Course Offerings

1.5 credits required for graduation

### Digital Design

<b>Required:</b>	Yes	<b>Grade:</b>	9-12
<b>Prerequisites:</b>	None	<b>Duration:</b>	One Semester
<b>Credits:</b>	0.5 IT Credits		

**Course Description:** In this course, students will explore how to create using digital technology by applying Design Thinking. Students will learn practical skills in Graphic Design, Video and Audio editing, 3D Modeling, Business Technology, Web Design, Blogs and Wikis and more. This survey of technology will provide learners with an experience with many tools, concepts and techniques they will be able to employ in whatever field they choose to study.

### Exploring Computer Science

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One IT Credit		

**Course Description:** Exploring Computer Science is a yearlong course consisting of a framework of both computer science content and computational practice. Assignments and instruction are contextualized to be socially relevant and meaningful for diverse students. Units utilize a variety of tools/platforms, and culminate with final projects in the following topics: Human Computer Interaction, Problem Solving, Web Design, Programming, Computing and Data Analysis, and Robotics.

### Yearbook

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Prerequisites:</b>	Digital Design (recommended)	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Creative Arts Credit <b>or</b> One IT Credit		

**Course Description:** The Yearbook course is an interdisciplinary course that teaches project management, business, leadership, photography, journalism, and graphic design. Students will operate in self-organizing teams to develop and produce a product they will sell: the 2016 Logos International School Yearbook in time for delivery in the Spring.

## Web Design

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Prerequisites:</b>	None	<b>Duration:</b>	One Semester
<b>Credits:</b>	0.5 IT Credits		

**Course Description:** In Web Design, students will learn the basics of HTML, CSS and JavaScript to create working websites, as well as explore a variety of programming languages including PHP. Students will experience the entire software development lifecycle with an introduction to Agile Software Development methodology. Students will also demonstrate understanding of the underlying protocols and architectures of the Internet. Teamwork will be practiced extensively.

## High School Math Course Offerings

3.0 credits required for graduation.

### Algebra I

<b>Required:</b>	Yes	<b>Grade:</b>	9
<b>Prerequisites:</b>	Pre-algebra	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Math Credit		

**Course Description:** Algebra I provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses and in a wide range of problem-solving situations. Topics include: operations with real numbers, exponents, graphing and operations on linear equations and inequalities, relations and functions, polynomials, and quadratics.

### Algebra II

<b>Required:</b>	Yes	<b>Grade:</b>	9 -11
<b>Prerequisites:</b>	Algebra I	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Math Credit		

**Course Description:** An extension of Algebra I with exponential functions and logarithms, complex numbers, sequences and series, identities, binomial expansion, and considerable exposure to graphing. Student should have access to a graphing calculator (TI 83 or later version TI) or Math Software that will help him/her to understand some of the complicated graphs which are hard to be visualized without the help of technology.

### Geometry

<b>Required:</b>	No	<b>Grade:</b>	9 -12
<b>Prerequisites:</b>	Algebra I	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Math Credit		

**Course Description:** This course is designed for students who have successfully completed the standards for Algebra I. The course includes, among other things, properties of geometric

figures, trigonometric relationships, and reasoning to justify conclusions. Methods of justification will include paragraph proofs, two-column proofs, indirect proofs, coordinate proofs, algebraic methods, and verbal arguments. A gradual development of formal proof will be encouraged. Inductive and intuitive approaches to proof as well as deductive axiomatic methods should be used.

## Precalculus

<b>Required:</b>	No	<b>Grade:</b>	11-12
<b>Prerequisites:</b>	Algebra II	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Math Credit		

**Course Description:** A study of linear functions, quadratic functions, power functions, polynomial functions, exponential and logarithmic functions, trigonometric functions, data analysis, and curves of best fit that are found in each of the mentioned functions above. Also, there is an introduction of polar coordinates, vectors, sequences, induction, counting, probability, limit, and the derivative of a function.

## AP Calculus

<b>Required:</b>	No	<b>Grade:</b>	11-12
<b>Prerequisites:</b>	Precalculus (and teacher recommendation)	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Math Credit		

**Course Description:** AP Calculus will begin with limits which will lead into differentiation and its applications. Some pre-calculus review will be mixed into what will be covered. Integration and more will be covered in the second semester. A more detailed syllabus can be found at [www.collegeboard.com](http://www.collegeboard.com). Every AP student should go to this site and open a free account.

## AP Statistics

<b>Required:</b>	No	<b>Grade:</b>	11-12
<b>Prerequisites:</b>	Algebra II	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Math Credit		

**Course Description:** This is a college level, introductory statistics course that is aimed at giving students the tools to collect, analyze, and draw conclusions from data. The main themes include: exploring data by describing patterns, sampling and experimentation by planning and conducting a study, anticipating patterns by using probability, and statistical inference to estimate populations and test hypotheses. [www.collegeboard.com](http://www.collegeboard.com) offers several additional resources for students.

## High School Physical Education/Health Education Course Offerings

1.5 physical education credits are required for graduation.

0.5 health credits are required for graduation.

## Physical Education

<b>Required:</b>	Yes	<b>Grade:</b>	9-12
<b>Prerequisites:</b>	None	<b>Duration:</b>	One Semester
<b>Credits:</b>	0.5 Physical Education Credits		

**Course Description:** Students will be exposed to a wide variety of activities in all P.E. courses. These will include the primary sports of volleyball, soccer, and basketball that are currently part of the extra-curricular sports program offered by the school. Secondary sports such as floor hockey, team handball, ultimate Frisbee, badminton, flag football, dance as well as others, dependent upon equipment and time availability will also be played. A general fitness, health, and first aid unit will be included. All students will also be tested for their general level of physical fitness at the outset of the course. Through weekly workouts students will perform strength, conditioning, and flexibility exercises in an effort to improve each student's overall health and physical fitness level. Students will be introduced to a variety of different ways to stay healthy and physically fit. A subsequent fitness test will be given throughout the course to gauge overall improvement. Students will be graded based on their effort, participation, sportsmanship, workout logs, tests, and group presentations throughout the duration of the course.

## Health Education

<b>Required:</b>	Yes	<b>Grade:</b>	9-12
<b>Prerequisites:</b>	None	<b>Duration:</b>	One Semester
<b>Credits:</b>	0.5 Health Education Credits		

**Course Description:** This class presents the Bible as the foundation for a healthy lifestyle. We will deal with the integration of the physical, mental, social, and spiritual dimensions of life and how each affects our overall well being. The course begins looking at the systems of the body as we study their functions and ends with the discussion of mental diseases and struggles.

"For you created my inmost being; you knit me together in my mother's womb. I praise you because I am fearfully and wonderfully made; your works are wonderful, I know that full well." Psalm 139:13-14

## High School Sciences Course Offerings

3.0 credits required for graduation.

### Science 9

<b>Required:</b>	Yes	<b>Grade:</b>	9
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Science Credit		

**Course Description:** Science 9 involves a survey of several areas of science including a study of the universe, electricity, atoms, elements & compounds, and sustainable ecosystems. The overall goals of this course are to (1) relate science to technology, society & the environment, (2) develop the skills, strategies and habits of mind required for scientific investigation, (3)

understand the ways creation is designed for human life and relationship with the Creator. This course will involve traditional classroom teaching methods as well as research-based and hand-on investigations in order to accomplish the overall goals. Biblical worldview will be thoughtfully incorporated and contrasted with scientific ideas especially as it pertains to the origins and purpose of the universe, and biblical environmental worldview.

## Science 10

<b>Required:</b>	Yes	<b>Grade:</b>	10
<b>Prerequisites:</b>	Science 9	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Science Credit		

**Course Description:** Science 10 involves a survey of several areas of science including a study of tissues & organs, chemical reactions, climate change, evolution, and light & geometric optics. The overall goals of this course are to (1) relate science to technology, society & the environment, (2) develop the skills, strategies and habits of mind required for scientific investigation, (3) understand the ways creation is designed for human life and relationship with the Creator. This course will involve traditional classroom methods of teaching as well as research-based and hands-on investigations. Biblical worldview will be thoughtfully incorporated and contrasted with scientific ideas especially as they pertain to environmental problems; ways humans can know God's character through nature and science; and the human body.

## Biology

<b>Required:</b>	No	<b>Grade:</b>	11-12
<b>Prerequisites:</b>	Science 9	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Science Credit		

This course furthers students' understanding of the processes involved in biological systems and how each aspect intricately works together to function effectively as a whole. Although secular beliefs will be viewed, the focus of this course will be to study God's creation from a Biblical standpoint and to discover what it reveals about a magnificent and detailed Creator. Students begin by looking at the foundations of Biology, the study of life. From there they will study the diversity of living things, cells and cellular functions, genetics, creation vs. evolution, and the internal systems and regulation of animals and plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.

## Chemistry

<b>Required:</b>	No	<b>Grade:</b>	11 & 12
<b>Prerequisites:</b>	Science 9 & Science 10	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Science Credit		

The course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the

behavior of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment. This course will involve traditional classroom methods of teaching as well as research-based and hands-on investigations. Biblical worldview will be thoughtfully incorporated and contrasted with scientific ideas especially as they pertain to environmental problems; ways humans can know God's character through nature and science; and God's design of matter and laws.

## AP Environmental Science

**Required:** No **Grade:** 10, 11 & 12  
**Prerequisites:** Science 9 & Science 10 (may be concurrent) **Duration:** Two Semesters  
**Credits:** One Science Credit

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. Unlike most other introductory-level college science courses, environmental science is offered from a wide variety of departments, including geology, biology, environmental studies, environmental science, chemistry, and geography. Depending on the department offering the course, different emphases are placed on various topics. Some courses are rigorous science courses that stress scientific principles and analysis and that often include a laboratory component; other courses emphasize the study of environmental issues from a sociological or political perspective rather than a scientific one. The AP Environmental Science course has been developed to be most like the former; as such, it is intended to enable students to undertake, as first-year college students, a more advanced study of topics in environmental science or, alternatively, to fulfill a basic requirement for a laboratory science and thus free time for taking other courses. The AP Course Description and AP Exam have been prepared by environmental scientists and educators who serve as members of the AP Environmental Science Development Committee. In both breadth and level of detail, the content of the course reflects what is found in many introductory college courses in environmental science. The exam is representative of such a course and therefore is considered appropriate for the measurement of skills and knowledge in the field of environmental science.

## High School Humanities Course Offerings

3.0 credits required for graduation.

### Early Modern World History

**Required:** Grade 9 **Grade:** 9  
**Prerequisites:** None **Duration:** Two Semesters  
**Credits:** One Social Studies Credit

**Course Description:** This course will provide an overview of history from the Renaissance in Italy through the age of exploration and ending with the French Revolution. In order to facilitate the study of this era, the class will be broken down into six major units: the Renaissance and Reformation; Ottoman, Safavid and Mughal Empires in Asia; Explorers to the East and Asian Isolationism; Explorers in the Americas and the Slave Trade; and European Monarchs and Enlightenment, French and American Revolutions

## Modern World History

**Required:** Grade 10 **Grade:** 10  
**Prerequisites:** None **Duration:** Two Semesters  
**Credits:** One Social Studies Credit

**Course Description:** This course is designed to give students an overview of the progression of the modern world from industrialization through the Cold War. Students will be able to see this era as a series of cause-effect relationships that worked together to form the modern, interconnected world. The course will cover the Industrial Revolution, Nationalism, Colonialism and Imperialism, The World Wars, the Cold War, and Decolonization and the Rise of Democracy.

## AP Economics

**Required:** No **Grade:** 11-12  
**Prerequisites:** None **Duration:** Two Semesters  
**Credits:** 1 Humanities Credit

**Course Description:** AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

## U.S. History 1865 to Present

**Required:** No **Grade:** 11-12  
**Prerequisites:** None **Duration:** Two Semesters  
**Credits:** One Social Studies Credit

**Course Description:** This course will provide an overview of social movements in the history of the United States from Reconstruction through the Roaring Twenties and ending in the Civil Rights Movement.

## World Geography

**Required:** No **Grade:** 10-12  
**Prerequisites:** None **Duration:** Two Semesters  
**Credits:** 1 Humanities Credit

**Course Description:** This course focuses on the nature of geography as a social science and the regions of the world. Students will study the physical features, cultures, and issues that face the various regions. The units will include places such as Sub-saharan Africa, Southeast Asia, Russia, Europe, Australia, and North America. The course will present a Biblical perspective on the Christian's role as a steward of the earth, its resources, and our responsibility toward other people.

## Psychology

<b>Required:</b>	No	<b>Grade:</b>	10-12
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Social Studies Credit		

**Course Description:** This course focuses on the realm of psychology, beginning with a Biblical perspective on the Christian's view of human nature and the workings of the mind. Students will begin with a Biblical orientation to the mind, emotions, and behavior. They will be introduced to a brief history of psychology and gain a basic understanding of the way the mind works based on recent brain research. They will also explore mental illness and dysfunctional patterns of thinking and behavior.

## AP World History

<b>Required:</b>	No	<b>Grade:</b>	11 - 12
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Social Studies Credit		

**Course Description:** The AP World History course is a college-level course designed to prepare the ambitious student for the AP Exam in World History. The primary purpose of the course is to develop a better understanding of the events, people, and places throughout history that caused our world to become what it is today. The curriculum of the course is both content and skill based. Students are expected to gain knowledge of significant historical facts and to apply the skills of an historian to the study of these facts. Among these skills are those of analyzing primary source documents, making comparisons between major societies, and determining the ways societies both change and stay the same. These skills require the student to be a critical and creative thinker. Additionally, students should be able to see the ways in which the "Five Themes of History" connect elements over all of world history.

## High School World Languages Course Offerings

2.0 credits in the same World Language required for graduation.

### Mandarin Level 1

<b>Required:</b>	No	<b>Grade:</b>	8
<b>Prerequisites:</b>	None	<b>Duration:</b>	Two Semesters
<b>Credits:</b>	One Foreign Language Credit		

**Course Description:** Mandarin level one focuses on introduction of Chinese Phonetic system(pinyin) which including pronunciation and intonation, reading and writing in Chinese characters. Student will learn basic phrases and sentences to communicate situationally in Chinese. At the end of the course, students are expected to write, speak and read at an advanced-beginner level.

## Mandarin Level 2

**Required:** No **Grade:** 9-12  
**Prerequisites:** Mandarin 1 **Duration:** Two Semesters  
**Credits:** One Foreign Language Credit

**Course Description:** Mandarin level two is a continuation of Mandarin level one. It will continue to introduce advanced vocabulary and grammar to the students to help them to develop speaking, writing and listening skills. At the end of the course, students are expected to be able to handle most daily conversation with moderate fluency.

## Mandarin Level 3

**Required:** No **Grade:** 9-12  
**Prerequisites:** Mandarin 1 **Duration:** Two Semesters  
**Credits:** One Foreign Language Credit

**Course Description:** Mandarin level three is a continuation of Mandarin level two. It will continue to develop their communicative and cultural competence by interacting orally and in writing with other speakers of the target language. The students are expected to communicate on a variety of topics at a level commensurate with their study, using more complex structures in the language and moving from concrete to more abstract concepts in a variety of time frames.

## Khmer Level 1

**Required:** No **Grade:** 9-12  
**Prerequisites:** None **Duration:** Two Semesters  
**Credits:** One Foreign Language Credit

**Course Description:** This course will focus on speaking and listening skills. The students will learn about everyday language of Khmer culture, traditions as well as their daily lives. By the end of this level, students are expected to make a conversation, to say a story, to sing songs, and to share a gospel.

## Khmer Level 2

**Required:** No **Grade:** 9-12  
**Credits:** One Foreign Language Credit **Duration:** Two Semesters  
**Prerequisites:** Khmer Level I or permission of Khmer Department head

**Course Description:** This course will enable students to improve their ability to communicate in Khmer. The emphasis will be on listening and speaking and will increasingly focus on acquiring new vocabulary. Students will base their new vocabulary and ability to express themselves around each consonant in the Khmer alphabet and will grow in their ability to write and read Khmer over the course of the year.

### Khmer Level 3

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Credits:</b>	One World Language Credit	<b>Duration:</b>	Two Semesters
<b>Prerequisites:</b>	Khmer Level II or permission of Khmer Department head		

**Course Description:** This course will focus on reading, writing, speaking, and listening skills. It will also enable the students to improve their abilities to communicate in Khmer. The students are expected to write about their own story, their own culture, and to share the gospel to the Cambodian people.

### Khmer Level 4

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Credits:</b>	One World Language Credit	<b>Duration:</b>	Two Semesters
<b>Prerequisites:</b>	Khmer Level III or permission of Khmer Department head		

**Course Description:** This course will focus on the development of reading, writing, speaking, and listening skills. The literature will be a variety of forms including folktales, plays, stories, essays, articles, and poetry. When reading, students will employ numerous reading strategies to better understand the literature and will also be expected to apply the elements of story to the literature studied. The writing component of the course will include journal entries, free writes, creative writing, essays, and oral presentations. Discussion will also play a major part of our course and being an attentive listener is important.

### Khmer Level 5

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Credits:</b>	One World Language Credit	<b>Duration:</b>	Two Semesters
<b>Prerequisites:</b>	Khmer Level IV or permission of Khmer Department Chair		

**Course Description:** This course will focus on the development of reading, writing, speaking, and listening skills. The literature will be a variety of forms including folktales, plays, stories, essays, articles, and poetry. When reading, students will employ numerous reading strategies to better understand the literature and will also be expected to apply the elements of story to the literature studied. The writing component of the course will include journal entries, free writes, creative writing, essays, and oral presentations. Discussion will also play a major part of the course and being an attentive listener is important.

### Khmer Literature

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Credits:</b>	0.5 World Language Credits	<b>Duration:</b>	One Semester
<b>Prerequisites:</b>	Permission of Khmer Department Chair		

**Course Description:** This course focuses on the development of the students' reading, writing, speaking, and listening skills. The literature will take a variety of forms including plays, stories, essays, novels, articles, and poetry. When reading, the students will employ numerous reading strategies to better understand the literature and will also be expected to

apply the elements of story to the literature studies.

## **Khmer Bible**

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Credits:</b>	0.5 World Language Credits	<b>Duration:</b>	One Semester
<b>Prerequisites:</b>	Permission of Khmer Department head		

**Course Description:** This course focuses on the Khmer Bible survey to form a living as a Christian life in Cambodia. The resources of this Khmer Bible class is taken from the book 3D GOSPEL and KHMER BIBLE. During the course, the students are required to develop literacy skills written in Khmer Bible as well as in reading and writing essays. Also, the students will be able to explore practical applications of Christian living in the Cambodian culture.

## **Khmer History**

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Credits:</b>	0.5 World Language Credits	<b>Duration:</b>	One Semester
<b>Prerequisites:</b>	Permission of Khmer Department Chair		

**Course Description:** The purpose of this course is to build a foundation of Cambodian History from the formation of Khmer land to the civil war end in 1998. The course is also to develop a better understanding of the events, leaders, and places from generation to generation. Students are expected to gain knowledge of significant historical facts of Cambodia. Students will be able to compare, analyse and evaluate, and give oral presentations. These skills require the student to be a critical and creative thinker. Additionally, students will be able develop their reading, writing, speaking, and listening skills throughout the variety of topics and related documents.

## **Khmer Culture**

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Credits:</b>	0.5 World Language Credits	<b>Duration:</b>	One Semester
<b>Prerequisites:</b>	Permission of Khmer Department Chair		

**Course Description:** This course will focus on the development of your reading, writing, speaking listening skills. The literature will be a variety of forms including folktales, plays, stories, essays, articles and poetry. When reading, you will employ numerous reading strategies to better understand the literature and you will also be expected to apply the elements of story to the literature studied. The writing component of the course will include free writes, creative writing, essay and oral presentations. Discussion will also play a major part of our course and being an attentive listener is important.

## **High School Other Elective Course Offerings**

## Entrepreneurship

<b>Required:</b>	No	<b>Grade:</b>	9-12
<b>Credits:</b>	0.5 Elective Credits	<b>Duration:</b>	One Semester
<b>Prerequisites:</b>	None		

**Course Description:** This course aims to establish an entrepreneurial foundation. Students will study entrepreneurial profiling as well as ideation, business model generation, and business pitching. Students will utilize these skills to design a simple product from recycled materials with a startup limit of \$2.

## College & Career Preparation

<b>Required:</b>	Yes	<b>Grade:</b>	10
<b>Credits:</b>	0.5 Elective Credits	<b>Duration:</b>	One Semester
<b>Prerequisites:</b>	None		

**Course Description:** Career and College Preparation is a course designed to give students access to knowledge, resources, and skills that will help prepare them for college entry, college life, and making a career choice. Students will have the opportunity to learn about various career fields, discover their own talents, gifts, and interests, explore college choices, and prayerfully consider the future God has in store for them. This course is very practical as it endeavors to give students real life skills that will pay-off in the real world.

## Academic Enrichment

<b>Required:</b>	No	<b>Grade:</b>	9 - 12
<b>Credits:</b>	none	<b>Duration:</b>	One Semester
<b>Prerequisites:</b>	Recommendation by Learning Support		

**Course Description:** Academic Enrichment is a small group class focusing on study skills, organization, and work completion. It includes recognizing the strengths and weaknesses of each student, setting goals, establishing priorities, managing time, organizing work, working with teachers and peers, reading and understanding texts, studying for tests, research skills, writing skills, preparing for presentations, and tracking long term goals.