



Secondary Course Catalog

2017-2018

MISSION STATEMENT

Cornerstone Christian Schools will create and sustain a Christ-centered teaching- learning environment of unprecedented excellence designed to develop each student spiritually, intellectually, physically, and socially to their maximum potential.

VISION STATEMENT- KEY VERSE- MATT. 5:14

***“You are the light of the world. A city on a hill cannot be hidden.”* To facilitate the whole-hearted pursuit of this vision, CCS will form a highly-qualified, spiritually- dedicated faculty and staff supporting a program of excellence in instruction and modeling a Christ-centered life to our students.**

COURSE OFFERINGS:

This Course Catalog provides an overview of the middle and high school courses offered at Cornerstone Christian Schools. It is designed to assist students in determining which courses to request in middle school and high school. For additional information concerning academic and graduation requirements, please refer to the Secondary Parent/Student Handbook.

Courses described in this catalog may or may not be offered each year. You may refer to the Registrar’s Office for additional course information.

Middle School Course Requirements

Below is a listing of the middle school courses offered at Cornerstone Christian Schools.

Honors courses have additional registration requirements, including a teacher recommendation and an overall class average in the prerequisite course of at least 85% (Honors courses) or 94% (On-Level courses). Consider carefully the additional workload of advanced-level courses.

	6 th Grade	7 th Grade	8 th Grade
Biblical Studies	<input type="checkbox"/> BIB 0600: Bible 6	<input type="checkbox"/> BIB 0700: Bible 7	<input type="checkbox"/> BIB 0800: Bible 8
English Lang Art	<input type="checkbox"/> ELA 0600: English 6 <input type="checkbox"/> ELA 0601: Reading/ Study Skills 6	<input type="checkbox"/> ELA 0700: English 7	<input type="checkbox"/> ELA 0800: English 8 <input type="checkbox"/> ELA 0840: English 8 H ^{HON}
Math	<input type="checkbox"/> MAT 0600: Math 6 <input type="checkbox"/> MAT 0610: Math H ^{HON}	<input type="checkbox"/> MAT 0700: Math 7 <input type="checkbox"/> MAT 0800: Pre-Algebra *	<input type="checkbox"/> MAT 0800: Pre-Algebra <input type="checkbox"/> MAT 0900: Algebra I * <input type="checkbox"/> MAT 0940: Algebra I H ^{HON}
Science	<input type="checkbox"/> SCI 0600: Science 6	<input type="checkbox"/> SCI 0700: Life Science	<input type="checkbox"/> SCI 0800: Earth Science <input type="checkbox"/> SCI 0840: Earth Science H ^{HON}
Social Studies	<input type="checkbox"/> SST 0600: Social Studies 6	<input type="checkbox"/> SST 0700: Texas History	<input type="checkbox"/> SST 0800: Amr History <input type="checkbox"/> SST 0840: Amr History H ^{HON}
Phys Ed	<input type="checkbox"/> PED 0600: PE <input type="checkbox"/> PED 0605: Athletics	<input type="checkbox"/> PED 0600: PE <input type="checkbox"/> PED 0705: Athletics	<input type="checkbox"/> PED 0600: PE <input type="checkbox"/> PED 0705: Athletics
Info & Tech Lit		<input type="checkbox"/> TCH 0700: Tech App. 7	
MS Electives	<input type="checkbox"/> FAR 0604: MS Beg Band <input type="checkbox"/> TCH 0600: Tech App. 6	<input type="checkbox"/> FAR 0702: MS Art I <input type="checkbox"/> FAR 0604: MS Beg Band <input type="checkbox"/> FAR 0708: MS Int Band * <input type="checkbox"/> FAR 0712: MS Theatre I	<input type="checkbox"/> FAR 0702: MS Art I <input type="checkbox"/> FAR 0802: MS Art II * <input type="checkbox"/> FAR 0604: MS Beg Band <input type="checkbox"/> FAR 0708: MS Int Band * <input type="checkbox"/> FAR 0806: MS Adv Band * <input type="checkbox"/> FAR 0712: MS Theatre I <input type="checkbox"/> FAR 0814: MS Theatre II * <input type="checkbox"/> FLA 0900: Spanish I ^{HS}

* Course has prerequisites. ^{HON} Honors-level course. ^{HS} High school-level course; credit awarded upon successful course completion.

High School Course Requirements

Students in high school must choose either a *Recommended* Graduation Plan or a *Distinguished* Graduation Plan. To qualify for the Distinguished Plan, a student must demonstrate a qualifying achievement throughout his or her high school years from two different advanced measure categories. For details, see the *Secondary Parent-Student Handbook*.

For your next school year, choose courses in each academic area that will help you accumulate the total number of credit needed by the time you graduate, according to your selected graduation plan. Courses in each area are listed on the next page.

		Students graduating spring of 2017 or 2018		Students graduating spring of 2019 or later	
		Recommended Plan Credit Required	Distinguished Plan Credit Required	Recommended Plan Credit Required	Distinguished Plan Credit Required
Core Academics	Biblical Studies	4.0	4.0	Biblical Studies	4.0
	English Lang Arts	4.0	4.0	English Lang Arts	4.0
	Math	4.0	4.0	Math	4.0
	Science	4.0	4.0	Science	4.0
	Social Studies	4.0	4.0	Social Studies	4.0
Electives	Phys Ed	1.0	1.5	Phys Ed	1.0
	Info & Tech Lit		1.0	Info & Tech Lit	
	Foreign Lang	2.0	3.0	Foreign Lang	2.0
	Speech/Health	1.0	1.0	Speech/Health	1.0
	Art, Music, Theatre	1.0	1.0	Art, Music, Theatre	1.0
	Other Electives	1.5	0.5	Other Electives	2.5

Below is a listing of the high school courses offered at Cornerstone Christian Schools, along with associated grade levels and prerequisites, in each academic area.

Honors, Pre-AP, AP and Dual Credit courses have additional registration requirements, including a teacher recommendation and an overall class average in the prerequisite course of at least 85% (Pre-AP or Honors courses) or 94% (On-Level courses). Consider carefully the additional workload of advanced-level courses.

High School Core Academics

				<i>Prerequisites</i>	
Bible	BIB 0900	OT Survey	9		
	BIB 1000	NT Survey	10	BIB 0900	
	BIB 1100	Apologetics/ Worldview Survey	11	BIB 1000	
	BIB 1200	Biblical Leadership	12	BIB 1100	
	BIB 1240	Warrior Scholarship Course	11-12	Course approval by invitation and application. Juniors and Seniors only.	
English Language Arts	ELA 0900	English 9	9		
	ELA 0940	English 9	Pre-AP	9	
	ELA 1000	English 10		10	ELA 0900
	ELA 1040	English 10	Pre-AP	10	ELA 0900
	ELA 1100	English 11		11	ELA 1000
	ELA 1150	English 11	AP	11	ELA 1000
	ELA 1151	English 11	DC	11	ELA 1000
	ELA 1200	English 12		12	ELA 1100
	ELA 1250	English 12	AP	12	ELA 1100
	ELA 1251	English 12	DC	12	ELA 1100
Mathematics	MAT 0900	Algebra I		9	MAT 0800
	MAT 0940	Algebra I	H	9	MAT 0800
	MAT 1000	Geometry		9-10	MAT 0900
	MAT 1040	Geometry	H	9-10	MAT 0900
	MAT 1100	Algebra II		10-11	MAT 1000
	MAT 1140	Algebra II	H	10-11	MAT 1000
	MAT 1105	Pre-Calculus		11-12	MAT 1100
	MAT 1145	Pre-Calculus	H	11-12	MAT 1100
	MAT 1146	Pre-Calculus	DC	11-12	MAT 1100
	MAT 1240	Calculus	H	11-12	MAT 1105
	MAT 1251	Calculus	DC	11-12	MAT 1105
	MAT 1260	Advanced Math		11-12	MAT 1100

^S Single-semester course. ^T Additional time commitment outside of the regular school day may be required.

Science	SCI 0900	Biology		9	
	SCI 0940	Biology	Pre-AP	9	
	SCI 1000	Chemistry		10-12	SCI 0900
	SCI 1040	Chemistry	Pre-AP	10-12	SCI 0900
	SCI 1050	Chemistry	AP	11-12	SCI 0900
	SCI 1051	Chemistry	DC	11-12	SCI 0900
	SCI 1010	Aquatic Science		10-12	SCI 0900
	SCI 1005	Anatomy & Physiology		10-12	SCI 0900
	SCI 1100	Physics		11-12	SCI 1000
	SCI 1140	Physics	H	11-12	SCI 1000
	SCI 1151	Physics	DC	11-12	SCI 1000

Social Studies	SST 0900	World Geography		9	
	SST 0940	World Geography	Pre-AP	9	
	SST 1000	World History		10	SST 0900
	SST 1040	World History	Pre-AP	10	SST 0900
	SST 1100	US History		11	SST 1000
	SST 1150	US History	AP	11	SST 1000
	SST 1151	US History	DC	11	SST 1000
	SST 1200	Government ^S		12	SST 1100
	SST 1240	Government	H ^S	12	SST 1100
	SST 1205	Economics ^S		12	SST 1100
	SST 1245	Economics	H ^S	12	SST 1100

High School Single-Semester Electives

Prerequisites

Art	FAR 1008	3D Design ^S		10-12	
Gen & Tech	ELA 1005	Speech/Communication Applications ^S		10-12	
	GEL 0902	World Studies ST		9-12	Travel Required
	TCH 1115	Practicum in AV ST		10-12	TCH 1110
	TCH 1115S	Practicum in AV (Spring) ST		10-12	TCH 1110
	PED 0915	Health ^S		9-12	
Theatre	FAR 0934	Theatre Production ST		9-12	
	FAR 0934S	Theatre Production (Spring) ST		9-12	

High School Two-Semester Electives

Art	FAR 0902	Art I	9-12	
	FAR 1002	Art II Drawing	10-12	FAR 0902 and 0904 or Art I Credit
	FAR 1004	Art II Painting	10-12	FAR 0902 and 0904 or Art I Credit
	FAR 1006	Art II Ceramics	10-12	FAR 0902 and 0904 or Art I Credit
	FAR 1102	Art III Drawing	11-12	FAR 1002, 1004 or 1006
	FAR 1104	Art III Painting	11-12	FAR 1002, 1004 or 1006
	FAR 1106	Art III Ceramics	11-12	FAR 1002, 1004 or 1006
	FAR 1202	Art IV Drawing	12	FAR 1102, 1104 or 1106
	FAR 1204	Art IV Painting	12	FAR 1102, 1104 or 1106
	FAR 1206	Art IV Ceramics	12	FAR 1102, 1104 or 1106
FAR 0910	Fashion Design I	9-12		
Foreign Language	FLA 0900	Spanish I	8-12	
	FLA 1000	Spanish II	9-12	FLA 0900
	FLA 1100	Spanish III	10-12	FLA 1000
	FLA 1200	Spanish IV	10-12	FLA 1100
Gen	GEL 0900	Praise Band	9-12	Instructor Approval and Audition
Info & Tech Literacy	CSC 1010	Computer Science I	10-12	
	TCH 1110	AV Production I	9-12	
	STM 1000	Intro to Engineering Design	10-12	
Music	FAR 0914	Band I ^T	9-12	
	FAR 1014	Band II ^T	10-12	FAR 0914
	FAR 1114	Band III ^T	11-12	FAR 1014
	FAR 1214	Band IV ^T	12	FAR 1114
	FAR 1020	Intro Acoustic Guitar	10-12	
	FAR 1026	Intro Piano	10-12	
Phys Ed	PED 0900	Physical Education	9-12	
	PED 0905	Athletics ^T	9-12	
	PED 0910	Personal Fitness	9-12	
	PED 0810	Athletic Training I ^T	9-12	Instructor Approval and CPR/AED Cert
	PED 1010	Athletic Training II ^T	10-12	PED 0810 and CPR/AED Cert
Theatre	FAR 0926	Theatre I	9-12	
	FAR 0930	Advanced Theatre I ^T	9-12	FAR 0814
	FAR 0942	Technical Theatre I	9-12	
	FAR 1032	Theatre II	10-12	FAR 0926 and 0928 or 0930 or 0932
	FAR 1132	Theatre III ^T	11-12	FAR 1032
	FAR 1232	Theatre IV ^T	12	FAR 1132
	FAR 1036	Technical Theatre II ^T	10-12	FAR 0942 and 0944

Secondary Course Descriptions

Art Education

FAR 0702: MS Art I

7th-8th, One Year 0 credit

MS Art I introduces students to various media and techniques while building upon their knowledge and skills learned in elementary and sixth grade art. Students will utilize 2-D and 3-D media and be exposed to various artists and art styles.

Prerequisites: none

Fees: none

FAR 0802: MS Art II

8th, One Year 0 credit

This is an intermediate level art course. Students will continue to build upon their skills within the drawing, painting, ceramics and additional art mediums.

Prerequisites: FAR 0702

Fees: none

FAR 0902: Art I

9th-12th, One Semester 0.5 credit

This course acknowledges that God is the original Creator and that He gave man the ability to produce and appreciate beauty while honoring Him with his artistic expression. Art I provides students with the opportunity to observe God's creativity while creating their own artwork.

Prerequisites: none

Fees: none

FAR 0910: Fashion Design I

9th-12th, One Year 1 credit

In the Fashion Design I course, the student will develop a core knowledge of the elements and principles of design, and they will be able to apply color, texture, form, line, movement and pattern in the textile medium. The student will be expected to create a portfolio of work.

Prerequisites: none

Fees: none

FAR 1002: Art II Drawing

10th-12th, One Year 1 credit

In this course, students will develop skills to enhance creativity and artistic confidence. Students will work toward the mastery of a variety of pencil techniques and create a portfolio of drawings.

Prerequisites: FAR 0902 and 0904 or Art I Credit

Fees: none

FAR 1004: Art II Painting

10th-12th, One Year 1 credit

Students will build knowledge of color theory and a beginner's painting foundation for watercolor, acrylic and oil. In Art II Painting, students will further extend their knowledge of color theory and painting foundations. Students will also choose from watercolor, acrylic or oil specialties.

Prerequisites: FAR 0902 and 0904 or Art I Credit

Fees: none

FAR 1006: Art II Ceramics

10th-12th, One Year 1 credit

Students will develop a variety of skills in the medium of ceramics. This course will touch on art history, artistic expression and perception. Students will use low fire clay to create a variety of hand built and potter's wheel pieces.

Prerequisites: FAR 0902 and 0904 or Art I Credit

Fees: none

FAR 1008: 3D Design

9th-12th, One Semester 0.5 credit

This course focuses on the elements and principles as they apply to the three-dimensional craft of textiles, pottery and an assortment of other forms. This course will allow for students' creativity to "take shape" in mediums such as wood carving, mosaics, jewelry, macramé, clay or metal sculpting.

Prerequisites: none

Fees: none

FAR 1102: Art III Drawing

11th-12th, One Year 1 credit

In this course, students will develop skills to enhance creativity and artistic confidence. Students will work toward mastery of a variety of pencil techniques and create a portfolio of drawings.

Prerequisites: FAR 1002, 1004 or 1006

Fees: none

FAR 1104: Art III Painting

11th-12th, One Year 1 credit

Students will build knowledge of color theory and a beginner's painting foundation for watercolor, acrylic and oil. In Art III Painting, students will further extend their knowledge of color theory and painting foundations. Students will also choose from watercolor, acrylic or oil specialties.

Prerequisites: FAR 1002, 1004 or 1006

Fees: none

FAR 1106: Art III Ceramics

11th-12th, One Year 1 credit

Students will develop a variety of skills in the medium of ceramics. This course will touch on art history, artistic expression and perception. Students will use low fire clay to create a variety of hand built and potter's wheel pieces.

Prerequisites: FAR 1002, 1004 or 1006**Fees:** none**FAR 1202: Art IV Drawing**

12th, One Year 1 credit

In this course, students will develop skills to enhance creativity and artistic confidence. Students will work toward mastery of a variety of pencil techniques and create a portfolio of drawings.

Prerequisites: FAR 1102, 1104 or 1106**Fees:** none**FAR 1204: Art IV Painting**

12th, One Year 1 credit

Students will build knowledge of color theory and a beginner's painting foundation for watercolor, acrylic, and oil. In Art IV Painting, students will further extend their knowledge of color theory and painting foundations. Students will also choose from watercolor, acrylic or oil specialties.

Prerequisites: FAR 1102, 1104 or 1106**Fees:** none**FAR 1206: Art IV Ceramics**

12th, One Year 1 credit

Students will develop a variety of skills in the medium of ceramics. This course will touch on art history, artistic expression and perception. Students will use low fire clay to create a variety of hand built and potter's wheel pieces.

Prerequisites: FAR 1102, 1104 or 1106**Fees:** none**Biblical Studies****BIB 0600: Bible 6**

6th, One Year 0 credit

This survey course is designed to present an overview of the Bible in chronological order. As students take a journey through the Bible, they will obtain a foundational understanding as they learn the names of the sixty-six books, memorize key scripture passages and learn basic principles that will prepare them for developing Christian worldview thinking and sound Biblical interpretation.

Prerequisites: none**Fees:** none**BIB 0700: Bible 7**

7th, One Year 0 credit

This Bible course presents the Book of John as a case study of the Life of Christ. Topics of customs, geography, dates, seasons, time and weather are included and examined to help students relive the exciting days when Jesus walked the earth ministering to the people of Israel. Students will become more acquainted with a visible and personal Jesus Christ and continue to develop their personal relationship with Him.

Prerequisites: BIB 0600**Fees:** none**BIB 0800: Bible 8**

8th, One Year 0 credit

This course is designed to help students deepen their understanding of the Christian worldview and how it compares to other prevalent worldviews. Topics of theology, philosophy, ethics, biology, sociology, psychology, law, politics, economics and history are discussed and examined as they each relate to the Christian worldview.

Prerequisites: BIB 0700**Fees:** none**BIB 0900: OT Survey**

9th, One Year 1 credit

The purpose of this course is to provide students with a clear understanding of the structure, authorship, chronological setting and content of the thirty-nine books of the Old Testament. Students will develop a foundational understanding of the context in which the Old Testament emerged. Students will learn how to apply critical thinking skills to the reading of Biblical texts, how to examine and analyze scripture and how this study relates to our lives and points to Jesus Christ.

Prerequisites: none**Fees:** none**BIB 1000: NT Survey**

10th, One Year 1 credit

This interactive survey course is designed to provide students with an understanding of the structure, authorship, chronological setting, and content of the twenty-seven books of the New Testament. Students will examine the life, ministry, teachings, death and resurrection of Jesus Christ. This course will also provide students with an in-depth understanding of the events that transpired following the ascension of Jesus into Heaven as they develop their own personal knowledge that is transformational.

Prerequisites: BIB 0900**Fees:** none

BIB 1100: Apologetics/Worldview Survey

11th, One Year

1 credit

This Apologetics/Worldview Survey course is designed to deepen and broaden the student's understanding of the core presuppositions of the Christian worldview and to enable the student to evaluate those presuppositions in contrast with other competing worldviews. The goal is to further challenge the student's understanding of Biblical truth and its relevance to all of life, to help him or her to declare Biblical truth with integrity and clarity, and to be able to defend Biblical truth with intellectual vigor and courage.

Prerequisites: BIB 1000**Fees:** none**BIB 1200: Biblical Leadership**

12th, One Year

1 credit

The Biblical Leadership course is designed to help students discover and develop their God-given talents as leaders, challenging them to use their abilities to lead while making a positive difference in the world. Through the study of various Biblical and historical Godly men and women, students will be expected to develop a Biblical understanding with the practice of leadership skills.

Prerequisites: BIB 1100**Fees:** none**BIB 1240: Warrior Scholarship Course**11th-12th, One Year

1 credit

This Honors Distinctive course is offered by invitation and application to 11th and 12th grade students only. All prospective students will be interviewed prior to their acceptance.

Using the various fields of philosophy, literature, religion, art, music, history, and language to understand our world, this course is designed to increase the student's ability to read critically, think logically, and write with precision and clarity of purpose. Topics include the Christian modern and historical perspective, Scriptural teaching about art, literature, psychology, sociology, and anthropology; as well as Christian aesthetics and the Christian worldview.

Cultural/missional study trips during Spring or Summer Breaks may include Rome, Israel, Istanbul, Paris, London, South America, Cuba, in city or in state travel. A final project or paper is required.

Prerequisites: Course approval by invitation and application. Juniors and Seniors only.**Fees:** none**English Language Arts****ELA 0600: English 6**

6th, One Year

0 credit

This course stresses the fundamentals of grammar, composition, literature, vocabulary, and spelling. Students learn that language is a gift from God, a tool representing thought. Through a systematic approach of grammar, composition and mechanics of writing, students will be guided in the learning of new concepts throughout the year. The literature component of this course concentrates on building comprehension skills, drawing conclusions, predicting outcomes and understanding literary terms that will ensure a strong foundation for success in future English courses.

Prerequisites: none**Fees:** none**ELA 0601: Reading /Study Skills 6**

6th, One Year

0 credit

Since it is God's plan that people should be able to read and study well, the goal of this course is to provide students with specific opportunities to further develop their reading and study skills. Students will read, explore, and analyze a variety of literary works along with Christian character traits that are integrated into novel studies to enhance students' understanding of relationships, principles of salvation, and standards for Christian living. Students' proficiency and mastery of reading skills at this grade level are assessed through the AR Reading Program.

Prerequisites: none**Fees:** none**ELA 0700: English 7**

7th, One Year

0 credit

This course is designed to incorporate all aspects of communication: reading, writing, listening, speaking, vocabulary and literature. Students will analyze the parts of speech with their functions and the structure of sentences. They will be expected to organize thoughts by formulating paragraphs and by developing paragraphs into essays. Creative compositions in the four styles of writing will be composed through a variety of methods. As they broaden their vocabulary usage and comprehension, students will recognize the patterns and principles of communication that God has communicated to us. Guided reading will further develop students' comprehension of conflicts and resolution of characters leading them towards a deeper understanding of a Christian perspective of literature. with real life applications.

Prerequisites: ELA 0600**Fees:** none

ELA 0800: English 8

8th, One Year 0 credit

This course includes all aspects of communication: reading, writing, listening, speaking, vocabulary and literature. Students will continue to analyze the parts of speech with their functions and the structure of sentences. They will be expected to organize thoughts by formulating paragraphs and by developing paragraphs into essays. Creative compositions in the four styles of writing will be composed through a variety of methods. As students broaden their vocabulary usage and comprehension, they will become more proficient in recognizing the patterns and principles of communication that God has communicated to us. Guided reading will continue to develop students' comprehension of conflicts and resolution of characters leading them towards a deeper understanding of a Christian worldview perspective of literature with real life applications.

Prerequisites: ELA 0700**Fees:** none**ELA 0840: English 8 H**

8th, One Year 0 credit

This is an Honors level course designed to focus on analytical and evaluative thinking skills. Writing and class discussion will focus more rigorously on content, organization and style. It includes all aspects of communication: reading, writing, listening, speaking, vocabulary and literature. Students will continue to analyze the parts of speech with their functions and the structure of sentences. They will be expected to organize thoughts by formulating paragraphs and by developing paragraphs into essays. Creative compositions in the four styles of writing will be composed through a variety of methods. Students will be expected to become more proficient in recognizing the patterns and principles of communication that God has communicated to us as they develop a deeper understanding of a Christian worldview perspective of literature with real life applications.

Prerequisites: ELA 0700, Honors**Fees:** none**ELA 0900: English 9**

9th, One Year 1 credit

This course is a foundational course focusing on improving students' reading, writing, thinking, listening, and speaking skills through a variety of activities and assignments. Students will learn the necessary mechanics to write and speak effectively. The structure and elements of literature will also be examined as students begin to more carefully consider the way that literature is a tool for understanding and expressing morals. Apologetics will be discussed and taught to further prepare students' as they encounter the various worldview philosophies in their study of literature.

Prerequisites: ELA 0800**Fees:** none**ELA 0940: English 9 Pre-AP**

9th, One Year 1 credit

This is a Pre-Advanced Placement level course designed to prepare students for the rigors of future Pre-AP and AP English level courses. This course will build upon the students' reading, speaking, writing,

and listening skills with the intention to increase their critical thinking skills. The course content includes an indepth examination of the structure and elements of literature focusing on analytic and evaluative thinking skills. Students will continue to increase in their knowledge of literature by studying various authors, identifying the many philosophies, and analyzing their purposes. An outcome and goal for this course is that students will know their role as Christians in relationships, circumstances, and responsibilities as values are discussed and applied to the content of this course.

Prerequisites: ELA 0800 H, Pre-AP**Fees:** none**ELA 1000: English 10**

10th, One Year 1 credit

This course is designed to provide a foundational knowledge of various literary terms and genres and prepares students to improve in both reading comprehension and writing skills. Literacy strategies and vocabulary are emphasized through reading and analyzing different texts. Interpretation and communication skills are strengthened through group interaction as students apply their skills in evaluating critically, and using persuasive language.

Prerequisites: ELA 0900**Fees:** none**ELA 1005: Speech/Communication Applications**

10th-12th, One Semester 0.5 credit

Verbal communication skills are critical in every area of life. In this course, students will focus on a variety of communication skills including public, informal, and interpretive speaking. Students will also practice job interviews. Learning to be more competent communicators by understanding the communication process and developing their own communication skills is the objective for students enrolled in this course.

Prerequisites: none**Fees:** none**ELA 1040: English 10 Pre-AP**

10th, One Year 1 credit

This is a Pre-Advanced Placement level course designed to prepare students for the AP English Language and Composition course. This course incorporates the holistic, integrated approach by utilizing other academic disciplines and focusing on analytic and evaluative thinking skills. Additional required writing focuses more rigorously on content, organization, and style. Summer reading and work is required.

Prerequisites: ELA 0900, ELA 0900 Pre-AP**Fees:** none

ELA 1100: English 1111th, One Year 1 credit

This course introduces students to distinguished authors in American literature. Students explore the authors' lives and beliefs as revealed in their writings and compare them with authors of other literary periods. This course content is organized around a thematic and chronological survey of American literature. In this course, students will also continue to refine their understanding of process, audience, persuasion, and evaluation by continuing to write frequently for a variety of purposes. Students are expected to think, read, speak, and write interpretively about literature in intelligent and sophisticated ways in preparation for more rigorous high school and college courses.

Prerequisites: ELA 1000**Fees:** none**ELA 1150: English 11 AP**11th, One Year 1 credit

In this Advanced Placement level course, students are introduced to the intricacies of language in reading and writing. Reading from a variety of fiction and non-fiction selections, students will decipher stylistic features and connect meaning to the overall analysis of the selections. Different styles of writing such as narrative, expository, descriptive, and persuasive will be evaluated and practiced. Students learn to incorporate effective use of rhetoric by interacting with the writer's purposes, audience expectations, and subjects as they analyze how generic conventions and the resources of language contribute to effective writing. At the end of the course, students will be able to analyze both fiction and non-fiction literature and develop thoughts clearly in essay form. This course prepares students to take the AP English Language and Composition Exam as well as to successfully enter rigorous college level courses. Significant summer reading and work are required.

Prerequisites: ELA 1000 Pre-AP, AP**Fees:** none**ELA 1151: English 11 DC (Eng Comp 102)**11th, One Year 1 credit

This is an advanced-level, dual credit course which is equivalent to a one-semester English Composition college level course. The course content is intended to fully prepare students for the anticipated success of completing a college level course. The course content is designed to familiarize students with the rhetorical tools utilized by writers in a variety of non-fiction literature. This course is organized by a study of rhetorical modes, incorporating some significant works from American literature. Students are required to think, read, speak, and write interpretively about literature in intelligent and sophisticated ways as they prepare for more rigorous college courses. Additional outside reading is required.

Prerequisites: ELA 1000, DC**Fees:** \$200, payable to Colorado Christian Univ**ELA 1200: English 12**12th, One Year

1 credit

This course introduces students to distinguished authors in British Literature. Students explore authors' lives and beliefs as revealed in their writings and compare them to authors of other literary periods. In this course, students continue to write frequently in the form of essays and research papers. Students will compose four creative writings: narrative, persuasive, expository, and descriptive. The course content addresses student acquisition of strong vocabulary and comprehension skills. Students are expected to develop critical thinking skills and to broaden their knowledge base through reading. A capstone goal for this course is the expectation that students will examine the relationship between their personal spirituality and their Christian worldview.

Prerequisites: ELA 1100**Fees:** none**ELA 1250: English 12 AP**12th, One Year 1 credit

This college-level course includes an intensive study of American and British literary works written in several genres from the sixteenth century to the present. The course contents are based on the AP English Literature and Composition course requirements as outlined and is intended to fully prepare each student for the corresponding College Board AP Exam at the end of the academic year. The concentration of content in this course is the study of artistic use of language in increasing complexity as employed by skilled authors to achieve specific effects on their readers. Evaluation of student progress will be through in-class and out-of-class writing assignments and content quizzes over reading assignments. The course structure is organized to ensure that students are thoroughly prepared to successfully pass the course as well as to perform well on the capstone assessment, the AP Exam. Significant outside reading is required as well as summer reading and work.

Prerequisites: ELA 1150, AP**Fees:** none**ELA 1251: English 12 DC (Intro Lit 201)**12th, One Year 1 credit

This is an advanced level dual credit course which is equivalent to a one semester British Literature college level course. This course includes an intensive study of British literary works written in several genres from the sixteenth century to the present. The course contents is intended to fully prepare students for the anticipated success of completing a college level course. The course content addresses the study of artistic use of language in increasing complexity as employed by skilled authors to achieve specific effects on their readers. Evaluation of student progress will be through in-class and out-of-class writing assignments and content quizzes over reading assignments. The course structure is organized to ensure that students are prepared to successfully pass the course. Additional outside reading is required.

Prerequisites: ELA 1100, DC**Fees:** \$200, payable to Colorado Christian Univ**Foreign Languages**

FLA 0900: Spanish I

8th-12th, One Year 1 credit

This introductory course is designed for the non-native Spanish speaker. It covers vocabulary, grammatical concepts and verb tenses to prepare students to use the language practically. Students are expected to communicate, read and write in the Spanish tenses they learn.

Prerequisites: none
Fees: none

FLA 1000: Spanish II

9th-12th, One Year 1 credit

This course covers vocabulary, grammatical concepts and verb tenses to prepare students to communicate effectively with Spanish-speakers. Students are expected to communicate, read and write in Spanish, speaking only Spanish in class. Students will be familiar with the formation, translation and use of all verb forms in the indicative by the end of this course.

Prerequisites: FLA 0900
Fees: none

FLA 1100: Spanish III

10th-12th, One Year 1 credit

This course reviews all concepts taught in Spanish I and II. Students will continue practicing the skills of listening, speaking and writing. By reading and discussing short stories and short novels, students will increase their communication skills to the point where they should be understood by a native Spanish-speaker. Study of the subjunctive will enable students to further understand literary works and to express themselves in a grammatically correct manner. Verbal proficiency is a course goal.

Prerequisites: FLA 1000
Fees: none

FLA 1200: Spanish IV

10th-12th, One Year 1 credit

In this course, students will primarily focus on the practical use of the language while applying previously mastered grammatical concepts and verb tenses. Students will read and listen to material from various Spanish-speaking countries and will be challenged in both spoken and written communication.

Prerequisites: FLA 1100
Fees: none

General Electives

GEL 0600: Exploratory Wheel

6th, One Year 0 credit

In this sixth grade course, students explore one semester in each of the following concentrations: Technology and Spanish. Students learn the basics of digital literacy and computer skills. Students are

also introduced to the fundamentals of the Spanish language, with an emphasis on vocabulary, basic grammar and structure.

Prerequisites: none
Fees: none

GEL 0900: Praise Band

9th-12th, One Year 1 credit

This course includes the study of worship principles and Biblical qualities of worship leaders. As students develop their vocal and instrumental skills, they will apply this knowledge in leading worship during chapel services and other assemblies.

Prerequisites: Instructor Approval and Audition
Fees: none

GEL 0902: World Studies

9th-12th, Spring Semester 0.5 credit

This project-based learning course is to be taken in conjunction with the annual HS Spring Break Trip. Students traveling on the trip choose from six different project types based on their learning style. Before the trip, students will read the chosen text for the trip, choose their project type and conduct research. During the trip, students document their experiences and collect information for their project. After the trip, students will finalize their projects, submit them and reflect on how they have grown as a result of traveling. Students who elect to travel on the Spring Break or Israel Trips will be required to take this course. The course will be a blended environment. Face-to-face meetings will take place periodically in conjunction with online experiences but will not be part of any student's day-to-day schedule.

Prerequisites: none
Fees: none

Health Education

PED 0915: Health

9th-12th, One Semester 0.5 credit

The goals for this course are for students to develop a knowledge of God as the Creator of human existence and the environment, to educate students to understand that maintaining a healthy body and mind requires a specific way of living, to foster in students a desire for spiritual health which will require basic Christian disciplines and to help students develop an attitude of respect for their bodies as well as an attitude of responsibility for their own actions. To instruct and inform students as they develop a healthy lifestyle is the overarching goal for the design of this course.

Prerequisites: none
Fees: none

Information and Technology Literacy

CSC 1010: Computer Science I

9th-12th, One Year

0 credit

In Computer Science I, students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

Prerequisites: none**Fees:** none

STM 1000: Introduction to Engineering Design

10th-12th, One Year

1 credit

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work.

Prerequisites: none**Fees:** none

TCH 0700: Technology Applications 7

7th, One Year

0 credit

The objective of this course is to introduce basic, fundamental computer concepts. Students will study computer fundamentals, word processing, spreadsheets, presentations, Web browsing, multimedia, databases and communicating online.

Prerequisites: none**Fees:** none

TCH 1110: AV Production I

9th-12th, One Year

1 credit

The AV Production I course teaches students the skills needed to successfully master the Adobe suite of creation and production software. Students will be able to create audio and video content that delivers its intended message with clarity and focus. These skills will be useful to students as they enter college and the workforce providing them with the knowledge and tools to create effective content.

Prerequisites: none**Fees:** none

TCH 1115: Practicum in AV Production

10th-12th, Fall Semester

0.5 credit

In Practicum in AV Production (Warrior Productions Studio), students will engage in a real-world scenario where they produce content and provide creative services for "clients" at Cornerstone Christian Schools. Students will implement professional communication

strategies, utilize advanced problem solving and leadership skills and learn effective project management as they work in a client-based production environment. Examples of weekly and ongoing content creation include school communication and marketing videos, Warrior TV and other requested content production projects. Students will maintain artifacts from their creations in order to present a professional portfolio at the end of the semester.

Prerequisites: TCH 1110**Fees:** none

TCH 115S: Practicum in AV Production (Spring)

10th-12th, Spring Semester

0.5 credit

In Practicum in AV Production (Warrior Productions Studio), students will engage in a real-world scenario where they produce content and provide creative services for "clients" at Cornerstone Christian Schools. Students will implement professional communication strategies, utilize advanced problem solving and leadership skills and learn effective project management as they work in a client-based production environment. Examples of weekly and ongoing content creation include school communication and marketing videos, Warrior TV and other requested content production projects. Students will maintain artifacts from their creations in order to present a professional portfolio at the end of the semester.

Prerequisites: TCH 1110**Fees:** none

Mathematics

MAT 0600: Math 6

6th, One Year

0 credit

This course is an incrementally-taught program in which students will continue to develop their understanding and skills in recognizing number patterns. Students will master the concepts of fractions, decimals, percentages and measurements. Upon completing this course, students will be able to recognize and solve equations, ratios and proportions.

Prerequisites: none**Fees:** none

MAT 0610: Math 6 Honors

6th, One Year

0 credit

This is an advanced level course that is incrementally-taught. Students will continue to develop their understanding and mastery of skills in recognizing number patterns. Upon completion of this course, students will be able to recognize and solve equations, ratios and proportions. They will have a firm grasp of probability, statistics, measurement and unit conversion. Basics of angles, perimeters, areas, volumes and polygons will also be introduced.

Prerequisites: H**Fees:** none

MAT 0700: Math 7

7th, One Year 0 credit

This course is foundational for the student's understanding and success in high school mathematics. Upon completion of this course, the student will have mastery over basic facts of arithmetic, basic unit conversions, all operations involving fractions and decimals, together with a firm understanding of exponents. Other topics covered in this course include order of operations, evaluation of expressions, place value, signed numbers and square roots.

Prerequisites: MAT 0600**Fees:** none**MAT 0800: Pre-Algebra**

7th-8th, One Year 0 credit

This course prepares students for the study of algebra. It is expected that students will develop understanding and skills using the strategies and tools of algebra: operations with positive and negative numbers, solving equations, recognizing and using factors, factoring, recognizing and solving ratios, equations and inequalities, powers, percents, functions and functional notation and graphing. An exposure to right angles, including the Pythagorean Theorem, perimeters, areas, and volumes are also included as topics in this course.

Prerequisites: MAT 0610 and Inst Approval or MAT 0700**Fees:** none**MAT 0900: Algebra I**

9th, One Year 1 credit

This course is the foundational math course for high school students. Students who successfully complete this course are prepared for Geometry and Algebra II. Course topics are organized around families of functions with emphasis on linear and quadratic functions. Students will learn to represent families of functions as descriptions, equations, tables and graphs. They will learn to model real-world situations using functions in order to solve problems arising from those situations.

Prerequisites: MAT 0800**Fees:** none**MAT 0940: Algebra I H**

9th, One Year 1 credit

In this Honors course, students are expected to demonstrate their ability to apply concepts to real-life situations in a more complex way. This happens through various projects and more difficult quizzes and tests. Students who successfully complete this course are prepared for Geometry Honors and Algebra II Honors courses. Course topics covered are the same as those in Algebra I.

Prerequisites: MAT 0800, H**Fees:** none**MAT 1000: Geometry**

9th-10th, One Year 1 credit

This course follows Algebra I and begins with the study of Euclid and his postulates, along with a series of definitions and theorems. Notations are developed in conjunction with the study of parallel and perpendicular lines and angular pair relationships. This foundation is used to develop inductive and deductive proofs of primary geometric relations in which formal proofs are taught. The topic of congruence is introduced in the context of studying triangles, followed by a study of more complex polygons with an emphasis on quadrilaterals, specifically the relationship between quadrilaterals and parallelograms. Students' thinking skills are developed through this inductive and deductive reasoning process.

Prerequisites: MAT 0900**Fees:** none**MAT 1040: Geometry H**

9th-10th, One Year 1 credit

This course is an Honors level course for students who have successfully completed Algebra I Honors. Course content includes the study of Euclid and his postulates along with a series of definitions and theorems. Notations are developed in conjunction with the study of parallel and perpendicular lines and angular pair relationships. This foundation is used to develop inductive and deductive proofs of primary geometric relations in which formal proofs are taught. The topic of congruence is introduced in the context of studying triangles, followed by a study of more complex polygons with an emphasis on quadrilaterals, specifically the relationship between quadrilaterals and parallelograms. Students' thinking skills are developed through this inductive and deductive reasoning process. Students enrolled in this course will complete assignments that are more rigorous and will demonstrate a broader level of understanding.

Prerequisites: MAT 0900, H**Fees:** none**MAT 1100: Algebra II**

10th-11th, One Year 1 credit

This course is organized around families of functions which includes linear, quadratic, exponential, logarithmic, radical and rational. Students will be able to review and further develop acquired knowledge of Algebra I concepts which include function notation, zero, negative and rational exponents, complex numbers, conic and their graphs, series, sequences and sigma notation.

Prerequisites: MAT 1000**Fees:** none

MAT 1105: Pre-Calculus

11th-12th, One Year 1 credit

Pre-Calculus is a preparatory course for future studies in mathematics. In this course, students will reinforce previously learned Algebraic concepts and will learn trigonometric functions, graphs, identities, vectors, polar coordinates and the solving of trigonometric equations as a prerequisite for Calculus.

Prerequisites: MAT 1100**Fees:** none**MAT 1140: Algebra II H**

10th-11th, One Year 1 credit

This Honors level course follows Algebra I H and is organized similarly around families of functions which includes linear, quadratic, exponential, logarithmic, radical and rational. Students will be able to review and further develop acquired knowledge of concepts learned in Algebra I H which include function notation, zero, negative and rational exponents, complex numbers, conic and their graphs, series, sequences and sigma notation. Students in this course are expected to complete additional homework, projects, and assessment assignments that are more rigorous and targeted at deepening the student's understanding of the concepts.

Prerequisites: MAT 1000, H**Fees:** none**MAT 1145: Pre-Calculus H**

11th-12th, One Year 1 credit

This Honors level course requires more depth in learning and emphasizes critical thinking and problem solving skills. Students will learn to successfully work with square roots, fractions, decimals and complex numbers. Additional concepts to be mastered include trigonometric functions, graphs, identities, vectors, polar coordinates and the solving of trigonometric equations as a prerequisite for Calculus Honors.

Prerequisites: MAT 1100, H**Fees:** none**MAT 1146: Pre-Calculus DC (MAT 115/111)**

11th-12th, One Year 1 credit

This Advanced Level course is offered as a dual credit option and is intended to introduce students to Calculus. It is also a preparatory class for entry to a college level Calculus course. Topics covered include limit theory, derivatives, integrals and application of the derivative and integral.

Prerequisites: MAT 1100, DC**Fees:** \$200, payable to Colorado Christian Univ**MAT 1240: Calculus H**

11th-12th, One Year 1 credit

This Honors level course will cover concepts such as limits, continuity, derivatives, anti-derivatives, differentials and definite integrals. Students will learn Calculus through an incremental approach and will be prepared for a college level calculus course. This course will also

aid students who are interested in engineering, advanced mathematics, physics and business.

Prerequisites: MAT 1105, H**Fees:** none**MAT 1251: Calculus DC (Calc I MAT 141)**

11th-12th, One Year 1 credit

This Advanced Level course is designed for the student who is interested in engineering, advanced mathematics, physics and business. It is offered as a dual credit course option. Topics addressed in this course are normally covered in the first two semesters of a college Calculus course. The introduction of new concepts such as sequences, power series, parametric equations and the calculus of polar graphs are also included.

Prerequisites: MAT 1105, DC**Fees:** \$200, payable to Colorado Christian Univ**MAT 1260: Advanced Math**

10th-12th, One Year 1 credit

In this course, students will continue in their study of advanced topics in algebra as introduced in Algebra II. Upon successful completion of this high school course, students will be prepared for an entry level College Algebra course. Students will also be prepared to take the CLEP Exam that awards college credit for this course.

Prerequisites: MAT 1100**Fees:** none**Music Education****FAR 0604: MS Beginning Band**

6th-8th, One Year 0 credit

This year-long course includes the study of music through the exploration of the woodwind, brass and percussion instruments. Students will explore and experience various styles of music through the use of reading, performing and the discussion of different types of music and will develop an appreciation for the beauty of music. No experience is required. Students must provide their own instrument.

Prerequisites: none**Fees:** none**FAR 0708: MS Intermediate Band**

7th-8th, One Year 0 credit

This course is open to all musicians who have completed MS Beginning Band or can demonstrate equivalent experience. The study of reading, performing and discussing music is taken to a deeper level, and the student's understanding of music is developed to its full potential in preparation for HS Band I-IV. Course activities include concerts, contests and special performances.

Prerequisites: FAR 0604**Fees:** none

FAR 0806: MS Advanced Band

8th, One Year 0 credit

This course is open to all musicians who have completed MS Intermediate Band or can demonstrate an equivalent experience. The study of reading, performing and discussing music is taken to a deeper level, and the student's understanding of music is developed to its full potential in preparation for HS Band I-IV. Course activities will include concerts, contests and special performances.

Prerequisites: FAR 0708**Fees:** none**FAR 0914: Band I**

9th-12th, One Year 1 credit

This course focuses on the study of music through the exploration of the woodwind, brass and percussion instruments and further develops the student's ability on his or her respective instrument. Additional performance opportunities are offered through marching band and concert band. Audition required.

Prerequisites: none**Fees:** none**FAR 1014: Band II**

10th-12th, One Year 1 credit

This course includes the study of music through the exploration of the woodwind, brass and percussion instruments and is designed to further develop the student's ability on his or her respective instrument. Additional performance opportunities are offered through marching band and concert band.

Prerequisites: FAR 0914**Fees:** none**FAR 1020: Intro to Acoustic Gtr**

10th-12th, One Year 1 credit

The course includes the study of music through the exploration of the guitar which will introduce students to a new understanding of the beauty of music. Students will explore and experience various styles of music through the use of reading, performing and discussing different types of music as they relate to the musical challenges of playing the guitar. This course is designed for students with little or no experience in playing a guitar.

Prerequisites: none**Fees:** none**FAR 1026: Intro to Piano**

10th-12th, One Year 1 credit

The course includes the study of music through the exploration of the piano which will introduce students to a new understanding of the beauty of music. Students will explore and experience various styles of music through the use of reading, performing and discussing different types of music as they relate to the musical challenges of playing the piano. This course is designed for students with little or no experience in playing a piano.

Prerequisites: none**Fees:** none**FAR 1114: Band III**

11th-12th, One Year 1 credit

The goal of this course includes the development of the student's skills as acquired in Band I and II. This course continues through the exploration of the woodwind, brass and percussion instruments and is designed to further develop the student's ability on his or her respective instrument. Additional performance opportunities are offered through marching band and concert band.

Prerequisites: FAR 1014**Fees:** none**FAR 1214: Band IV**

12th, One Year 1 credit

The goal of this course includes the development of the student's skills as acquired in Band II and III. This course continues through the exploration of the woodwind, brass and percussion instruments and is designed to further develop the student's ability on his or her respective instrument. Additional performance opportunities are offered through marching band and concert band.

Prerequisites: FAR 1114**Fees:** none

Physical Education

PED 0600: MS Physical Education

6th-8th, One Year 0 credit

This course will enable students to honor and glorify God with their bodies through further development of their physical potential. Students will learn basic physical fitness concepts and practice game movements that include consistent skill repetition. Students will also participate in modified game play leading to a greater knowledge of the various sports' skill content.

Prerequisites: none**Fees:** none

PED 0605: MS Athletics

6th-8th, One Year 0 credit

This course enables student athletes to honor and glorify God through participation in interscholastic athletics. Each student athlete's learning experience focuses on the fundamental skills and strategies of individual and team sports, combined with developmentally appropriate components of muscular strength and endurance, speed, agility and cardiovascular fitness. Tryouts may be required for participation.

Prerequisites: none**Fees:** none**PED 0810: Athletic Training I**

9th-12th, One Year 1 credit

This course is designed for the novice athletic trainer. Students will learn the elements needed in assisting the Head Athletic Trainer in the set up and breakdown of practices and home athletic events for Grades 6-12. Students will learn how to prevent injuries and various forms of first aid. This is a hands-on course that requires additional hours outside of the typical school environment.

Prerequisites: Instructor Approval and CPR/AED Cert**Fees:** none**PED 0900: Physical Education**

9th-12th, One Year 1 credit

This high school course will enable students to continue honoring and glorifying God with their bodies through development of their physical potential. Students will continue towards the mastery of basic physical fitness concepts, and practice game movements that include consistent skill repetition. Students will also participate in modified game play leading to a greater knowledge of the various sports' skill content.

Prerequisites: none**Fees:** none**PED 0905: Athletics**

9th-12th, One Year 1 credit

In this high school course, student athletes continue to honor and glorify God through their participation in interscholastic athletics. Each student athlete's learning experience focuses on advanced skills and strategies of individual and team sports, combined with advanced components of muscular strength and endurance, speed, agility and cardiovascular fitness. Tryouts may be required for participation.

Prerequisites: none**Fees:** none**PED 0910: Personal Fitness**

9th-12th, One Year 1 credit

The purpose of this course is to motivate students to achieve lifetime personal fitness with an emphasis on the health-related components of physical fitness. The concept of wellness, or striving to reach optimal levels of health, is the cornerstone of this course and is exemplified by one of the course objectives which addresses students

designing their own personal fitness program as a way to develop the skills necessary to become fit and achieve a high degree of fitness.

Prerequisites: none**Fees:** none**PED 1010: Athletic Training II**

10th-12th, One Year 1 credit

In this course designed for high school athletic trainers, students will continue learning the elements involved in assisting the Head Athletic Trainer in the set up and breakdown of practices and home athletic events for Grades 6-12. Students will be able to demonstrate how to prevent injuries and various forms of first aid. Through observation, students will acquire knowledge of the basics of the injury evaluation process, including observation, assessment, plan of action and return to play criteria for the student athletes. This is a hands-on course that requires additional hours outside of the typical school environment.

Prerequisites: PED 0810 and CPR/AED Cert**Fees:** none**Science****SCI 0600: Science 6**

6th, One Year 0 credit

This course introduces students to a variety of sciences: life science, physical science, space and astronomy, technology and earth science. Students will develop a rich knowledge of science and the natural world as they become familiar with different modes of scientific inquiry, rules of evidence, ways of formulating questions and proposing explanations, as well as learning of the diverse ways scientists study the natural world. As students survey these areas of science investigating new concepts, they will be challenged to develop their reasoning skills based on God's Word.

Prerequisites: none**Fees:** none**SCI 0700: Life Science**

7th, One Year 0 credit

In this Science course, students will gain an understanding of cell structure, the origin of life, heredity, micro and plant biology, the animal kingdom and the environment. Students will develop critical thinking skills and proper experimental skills needed for success in upper level science courses. Based on principles taught from God's Word, students continue to discover truth as they explore God's amazing creation.

Prerequisites: SCI 0600**Fees:** none

SCI 0800: Earth Science

8th, One Year 0 credit

This Earth Science course guides students in an examination of God's handiwork which includes the sun, moon, stars, planets, asteroids, comets and meteors. The students will also see the perfection of God's design as they study the earth "from the inside out," beginning with the earth's interior and surface, weather and climate, in addition to the solar system and universe. Student learning will be enhanced through activities involving scientific demonstrations and laboratory investigations.

Prerequisites: SCI 0700**Fees:** none**SCI 0840: Earth Science H**

8th, One Year 0 credit

This course is an Honors Level course that provides students the opportunity to dig deeper into the course content. Students will be expected to develop a deeper knowledge base as they are guided in their examination of God's handiwork which includes the sun, moon, stars, planets, asteroids, comets and meteors. Students will see the perfection of God's design as they study the earth "from the inside out," beginning with the earth's interior and surface, weather and climate, in addition to the solar system and universe. Students will also experience more in-depth problem based learning and reading in addition to participating in collaborative activities involving scientific demonstrations and laboratory investigations.

Prerequisites: SCI 0700, H**Fees:** none**SCI 0900: Biology**

9th, One Year 1 credit

Biology, as a course, involves the study of how living things use information to organize matter and energy at the molecular and cellular levels. This course will emphasize the interconnectedness and interactions among living systems while enabling students to explore the central ideas of general biology including biochemistry, levels of biological organization and heredity. Students will see the "big picture" as they experience biology as both a process and a body of knowledge. Students will also learn to observe, measure, record and graph data, as well as make references as they focus on developing strong laboratory and scientific writing skills. An outcome of this course will be the student's own consideration of his or her roles as stewards of their minds, bodies and environments according to a Christian worldview.

Prerequisites: none**Fees:** none**SCI 0940: Biology Pre-AP**

9th, One Year 1 credit

This is a Pre-Advanced Placement level course which is designed to prepare students for AP Biology and college level Biology courses. The course content covers the chemistry of life, the cellular basis of life, cellular growth and reproduction, genetics, homeostatic mechanisms, ecology and human physiology. Students will engage in

inquiry activities, practice skills involved in conducting experiments, analyze data and write about their inquiry activities. They will also focus on developing strong laboratory and scientific writing skills. Upon successfully completing this course, students should have a working understanding of how each of the units studied fits together to make life on our planet sustainable, balanced, unique and understandable. The student's consideration of his or her roles as stewards of their own minds, bodies and environments according to a Christian worldview will be an expected measurable outcome of this advanced level course.

Prerequisites: Pre-AP**Fees:** none**SCI 1000: Chemistry**

10th-12th, One Year 1 credit

Chemistry is a traditional junior-level course in which students build upon their knowledge of atomic structure and the principles of bonding to deepen their understanding of how compounds interact with one another in chemical reactions. Students will explore how chemical reactions occur in the natural world and how they can be manipulated to produce materials and products that are useful. Building excellent laboratory and scientific writing skills are expected of students in addition to developing an understanding of scientific inquiry.

Prerequisites: SCI 0900**Fees:** none**SCI 1005: Anatomy & Physiology**

10th-12th, One Year 1 credit

Anatomy and Physiology is a course that examines the form (anatomy) and function (physiology) of the human body. Students will explore three recurring themes: the relationship between form and function, homeostatic mechanisms and the hierarchy of structural organization. Course content includes anatomical terminology, cells and tissues, systems of the body, disease and inheritance. The lab component of this course provides students with exploratory activities in structures and functions of the human body. This course would benefit students who are interested in pursuing a career in medical science.

Prerequisites: SCI 0900**Fees:** none**SCI 1010: Aquatic Science**

10th-12th, One Year 1 credit

In this course, students will not only study but will appreciate the beauty and intricacy within the aquatic realm of God's creation. Students will learn, through a global approach, that our oceans and seas function as a vast integrated system. They will also be introduced to many regions and ecosystems so that this relationship can be seen. Basic concepts in physical, chemical, geological, and biological oceanography will also be examined. It is expected that students will become aware of the ocean's importance to human affairs and of the many relationships between their own shores and the one world ocean that so greatly influences our lives.

Prerequisites: SCI 0900**Fees:** none

SCI 1040: Chemistry Pre-AP

10th-12th, One Year 1 credit

This is a Pre-Advanced Placement level course which is designed to prepare students for AP Chemistry and college level Chemistry courses. This course stresses the understanding of the fundamental concepts of chemistry and will test students' critical thinking skills. The course content includes an emphasis on memorization of chemicals and on measurement and calculation. Students will be expected to apply mathematical skills to events observed in laboratory operations and should be able to demonstrate ability in solving complex word problems.

Prerequisites: SCI 0900, Pre-AP**Fees:** none**SCI 1050: Chemistry AP**

11th-12th, One Year 1 credit

This Advanced Placement level course is designed with the science major in mind and prepares students to take the AP Chemistry Exam. It covers all aspects of an introductory college chemistry course. The course content includes a study of the facts, principles and processes of chemistry, as well as the collection, interpretation and formulation of hypotheses from available data. An additional, semester-long AP chemistry lab, along with summer work, is required of students in this course.

Prerequisites: SCI 0900, AP**Fees:** none**SCI 1051: Chemistry DC (Gen Chem 1/Lab CHM 121/131)**

11th-12th, One Year 1 credit

This Advanced Level dual credit course is designed for those students interested in science-related careers and is designed to prepare those students for entrance into college chemistry courses. This course is the equivalent of a first semester college chemistry course covering all aspects of that introductory course. The course content includes a study of the facts, principles and processes of chemistry, as well as the collection, interpretation and formulation of hypotheses from available data. Students will be required to apply mathematical skills to events observed in laboratory operations and should be able to demonstrate ability in solving complex word problems.

Prerequisites: SCI 0900, DC**Fees:** \$200, payable to Colorado Christian Univ**SCI 1100: Physics**

11th-12th, One Year 1 credit

This course covers a broad study of physics designed to further familiarize students with atomic and macroscopic properties of matter. Course content includes the topics of the SI or metric system for measuring mass, length, and time; structure of atoms; motion and forces; momentum; phases of matter; light and the atom; electricity and magnetism; nuclear reactions and Einstein's theories; conservation of energy and the increase in disorder; and interactions of energy and matter. Students will explore principles and laws of physics through laboratory experiments and problem solving, classroom discussion, projects, and group interaction. This course is

also intended for students who would like an introduction to Physics, but may not necessarily want to major in science or engineering in college.

Prerequisites: SCI 1000**Fees:** none**SCI 1140: Physics H**

11th-12th, One Year 1 credit

This Honors Level course is designed for students who are interested in science or engineering as a possible major in college. The course content covers the following topics: energy and work, states of matter, waves, lenses, electrostatics, and basic electric circuits. The course exercises require Algebra II skills to solve problems and incorporates lab activities to illustrate physics relationships. Students are expected to complete additional problems and exploratory project that expand the core physics content.

Prerequisites: SCI 1000, H**Fees:** none**SCI 1151: Physics DC (Gen Physics 1/Lab PHY 210/212)**

11th-12th, One Year 1 credit

This Advanced Level dual credit course is designed for students who are interested in science or engineering as a possible major in college. The course content covers the following topics: energy and work, states of matter, waves, lenses, electrostatics, and basic electric circuits. Students participate in lectures, demonstrations, lab work, and problem-solving discussions. The course exercises require Algebra II skills to solve problems and incorporates lab activities to illustrate physics relationships.

Prerequisites: SCI 1000, DC**Fees:** \$200, payable to Colorado Christian Univ**Social Studies****SST 0600: Social Studies 6**

6th, One Year 0 credit

In this course, the students' learning will be enriched by drawing on knowledge from history, geography and economics. Students will learn about the beliefs and values of people, like themselves, from other cultures. They will utilize and apply the five fundamental themes of geography: location, place, people, movement and region.

Prerequisites: none**Fees:** none

SST 0700: Texas History

7th, One Year 0 credit

This course examines the geographical make-up of Texas and its effect on the early native Texans, the exploration of Texas and the eventual colonization of the state. Students will identify important people and events that shaped the rich heritage of the state of Texas. They will be expected to understand how events, issues, lifestyles, beliefs and relationships between Texas and other countries have shaped both the state and country to be what it is today.

Prerequisites: SST 0600**Fees:** none**SST 0800: American History**

8th, One Year 0 credit

In this course, students will identify the significant people, places and events in our American republic that made this country truly unique. They will also examine specific events that shaped the rich heritage of the American republic. Students will be expected to understand how events, issues, lifestyles, beliefs and relationships between the young American republic and other countries have shaped this country to be what it is today. They will discover the "hand of God in the affairs of man," and will gain insight into the present day current events in light of historical truths.

Prerequisites: SST 0700**Fees:** none**SST 0840: American History H**

8th, One Year 0 credit

This Honors Level course is an accelerated course that covers the same content as the American History course. Students are expected to demonstrate their depth of knowledge as they participate in class discussions and collaborative projects. Students will identify the significant people, places and events in our American republic that made this country truly unique. They will also examine specific events that shaped the rich heritage of the American republic. Students will be expected to understand how events, issues, lifestyles, beliefs and relationships between the young American republic and other countries have shaped this country to be what it is today. They will discover "the hand of God in the affairs of man," and will gain insight into the present day current events in light of historical truths.

Prerequisites: SST 0700, H**Fees:** none**SST 0900: World Geography**

9th, One Year 1 credit

World Geography is the discovery of the world and how people affect and interact with their environment. In this course, students will learn the geographical characteristics, area relationships and major problems of the world's diverse regions. Students will demonstrate the use of geographic tools, the knowledge of the themes of geography and how they relate to both countries and cultures. The outcome and goal for students in this course is to be able to explain how and why geographic factors create global contrasts as they identify countries, their cultures and their issues.

Prerequisites: none**Fees:** none**SST 0940: World Geography Pre-AP**

9th, One Year 1 credit

This is a Pre-Advanced Placement level course intended to prepare students for an AP World Geography course and for the AP World Geography Exam. In this course, emphasis is placed on how the world has become more interdependent as complex economic systems have evolved with regional specialization. An underlying theme and goal for students is that they be able to explain how and why geographic factors create global contrasts. Students will be expected to acquire a mental map of the world that will allow them to identify and describe all the principle geography features of the earth, which includes the earth's prominent landforms, major bodies of water and other notable political dependencies. Additional indepth reading and outside research is required.

Prerequisites: Pre-AP**Fees:** none**SST 1000: World History**

10th, One Year 1 credit

This course is an overview of the history of the world from creation to the beginning of the 21st century. Students will study Biblical and extra-Biblical history, religion and the philosophy of the times. Course content focuses on the western Judeo-Christian heritage, while also surveying the contributions of Asian, African and Latin American cultures. Students will learn of the great men of history and their accomplishments, life-changing events and cultural life and achievements of the major empires and nations. Threaded throughout this course will be the truth that God has a plan for man and History is a record of that plan.

Prerequisites: SST 0900**Fees:** none

SST 1040: World History Pre-AP

10th, One Year 0.5 credit

This Pre-Advanced Placement level course is designed to prepare students for an AP World History course and for the AP World History Exam. In this course, students will survey World History and the major events, issues and cultures. Course content focuses on the Western Judeo-Christian heritage, while also surveying the contributions of Asian, African, and Latin American cultures. Students will develop skills in critical analysis of primary and secondary sources. Threaded throughout this course will be the constant truth that God has a plan for man and History is a record of that plan.

Prerequisites: SST 0900, Pre-AP**Fees:** none**SST 1100: US History**

11th, One Year 1 credit

In this United History course, students will examine events, people, places, culture and historical themes from the discovery of America to the present. The main events provide a framework from which to examine political, intellectual, military, economic and social development. Students will become aware of the development of the United States, both inwardly as a nation and outwardly as an international power as they investigate the uniqueness of American government, the Constitution and the development of the free enterprise system.

Prerequisites: SST 1000**Fees:** none**SST 1150: US History AP**

11th, One Year 1 credit

This course is an Advanced Placement level course intended to prepare students for the AP US History Exam. In addition to the general US History course objectives, this course examines the progression of the political, economic, diplomatic, social and cultural history of the United States. Students will study a more targeted, detailed and comprehensive survey of topics. Emphasis is placed on critical and evaluative thinking skills and the interpretation of original documents, which includes the specific learning of the document-based essay format expected on the AP Exam. Mastery of the course content serves as a rigorous learning experience for students anticipating success in upper level college courses. Significant outside reading is required in addition to some summer work.

Prerequisites: SST 1000, AP**Fees:** none**SST 1151: US History DC (Amr Hist HIS 205)**

11th, One Year 1 credit

This is an Advanced Level dual credit course intended for students who want to pursue earning college credit while still in high school. This course is equivalent to a first semester college level American History course. The course content includes the examination of the progression of the political, economic, diplomatic, social and cultural history of the United States. Students study a more targeted, detailed, and comprehensive survey of topics in this course. Emphasis is placed

on critical and evaluative thinking skills. Mastery of this course content will provide students with a rigorous learning experience that serves as a solid foundation for future success in upper level college courses.

Prerequisites: SST 1000, DC**Fees:** \$200, payable to Colorado Christian Univ**SST 1200: Government**

12th, One Semester 0.5 credit

This course is a comprehensive study of the structure and function of government and politics in America. The course content provides students with a working knowledge of the branches of the American government as well as an understanding of how government affects the lives of people on a daily basis. Students will study the intentions and hopes of the Founding Fathers and will study the influence and importance of the Declaration of Independence and the United States Constitution upon American society. Through simulation, discussions and collaborative projects, students will become more aware of the changes made in our present government and the working of the democratic process. The overarching objective of this course is to inform and prepare students for their role and Christian responsibility as active and knowledgeable participants in this democratic process.

Prerequisites: SST 1100**Fees:** none**SST 1205: Economics**

12th, One Semester 0.5 credit

This course is intended to give students a thorough understanding of economics as it applies to the economy on a macro level. The course content covers the basic characteristics of national and international economic systems, including currency, banking and monetary policy. Students will develop an understanding of the economic principles that influence business decisions and analyze the roles of governments and individuals in a capitalist economy. Students will further develop an understanding of the need for ethical standards for business leaders, producers and consumers. It is expected that students will grow in understanding, knowledge and wisdom as they embrace the idea of Christian self-government and character necessary to apply the principles of God's Word to resolve spiritual and economic principles of unlimited wants with limited resources.

Prerequisites: SST 1100**Fees:** none

SST 1240: Government H

12th, One Semester 0.5 credit

This course is an Honors Level course designed to give an historical perspective of the phases of government through an analysis of all branches of the American government and the Constitution. The course content provides students with both a working knowledge of the branches of the American government and an understanding of how government affects the lives of people on a daily basis. Through simulation, discussions and collaborative projects, students will become more aware of the changes made in our present government and the working of the democratic process. Cultural aspects including interest groups, mass media and American political behavior will be examined to further prepare students for their role as discerning Christian leaders and informed citizens; and for their Christian responsibility as active and knowledgeable participants in this democratic process. As an advanced course significant research and outside reading is required.

Prerequisites: SST 1100, H**Fees:** none**SST 1245: Economics H**

12th, One Semester 0.5 credit

This Honors Level course is intended to give students a thorough understanding of economics as it applies to the economy on a macro level. In addition to covering the basic characteristics of national and international economic systems including currency, banking and monetary policy, the content for this advanced level course requires significant research and outside reading. Students will develop an in-depth understanding of the economic principles that influence business decisions and analyze the roles of governments and individuals in a capitalist economy. Students will further develop an understanding of the need for ethical standards for business leaders, producers and consumers. It is expected that students will grow in understanding, knowledge and wisdom as they embrace the idea of Christian self-government and character necessary to apply the principles of God's Word to resolve spiritual and economic principles of unlimited wants with limited resources.

Prerequisites: SST 1100, H**Fees:** none**Theatre Education****FAR 0712: MS Theatre I**

7th-8th, One Year 0 credit

This course is an introduction to beginning theatre. Students will experience and learn the fundamentals of theatre as they are introduced to acting, technical and set design, and the rehearsal process. No experience required.

Prerequisites: none**Fees:** none**FAR 0814: MS Theatre II**

8th, One Year 0 credit

MS Theatre II builds upon and extends the learning of concepts introduced in MS Theatre I. This course will culminate in a MS Theatre Production and will prepare students for further success in the HS Theatre courses. It is open to all students who have taken MS Theatre I.

Prerequisites: FAR 0712**Fees:** none**FAR 0926: Theatre I**

9th-12th, One Semester 0.5 credit

Theatre for the Christian provides numerous opportunities for students to become aware of the aesthetic values found in God, life, people, nature, and art. This course is designed to be a nurturing, student-centered educational experience within a clearly Christian philosophical framework which addresses the creative process of character development, movement, voice, set design, effective interpersonal communication, makeup and costumes. Students must pass both of the Theatre I series of classes in order to receive a full Theatre I credit.

Prerequisites: none**Fees:** none**FAR 0930: Advanced Theatre I**

9th-12th, One Year 1 credit

Theatre for the Christian provides numerous opportunities for students to become aware of the aesthetic values found in God, life, people, nature, and art. This course is designed to be a nurturing, student-centered educational experience within a clearly Christian philosophical framework. It endeavors to nurture each student's growth as energetic, motivated individuals who possess God-given creative talents that, when developed, lead to healthy interpersonal relationships and effective communication. This course is open only to students with two years of MS Theatre.

Prerequisites: FAR 0814**Fees:** none**FAR 0934: Theatre Production**

9th-12th, Fall Semester 0.5 credit

In this course, students will study theatre in relation to the total theatrical and rehearsal process. Students will engage in learning a broad range of concepts, activities and skills that include elements from both the technical and acting sides of theatre. The culmination of the course will be theatrical productions for the public.

Prerequisites: none**Fees:** none

FAR 0934S: Theatre Production (Spring)

9th-12th, Spring Semester 0.5 credit

In this course, students will study theatre in relation to the total theatrical and rehearsal process. Students will engage in learning a broad range of concepts, activities and skills that include elements from both the technical and acting sides of theatre. The culmination of the course will be theatrical productions for the public.

Prerequisites: none**Fees:** none**FAR 0942: Technical Theatre I**

9th-12th, One Semester 0.5 credit

This course covers the technical aspects of theatre. Students will understand and apply the skills involved with interpreting, designing, and running a theatrical production. Topical concepts taught include: theatrical process, safety, stage management, principles of design, lighting, scenic design, sound design, makeup and prop construction. Students will utilize the Black Box Studio's sound and lighting systems. Shop hours and/or participation in productions may be required. Students must pass both of the Tech Theatre I series of classes in order to receive a full Tech Theatre I credit.

Prerequisites: none**Fees:** none**FAR 1032: Theatre II**

10th-12th, One Year 1 credit

Theatre for the Christian provides numerous opportunities for students to become aware of the aesthetic values found in God, life, people, nature, and art. This course is designed to continue to be a nurturing, student-centered educational experience within a clearly Christian philosophical framework which addresses the creative process of character development, movement, voice, set design, makeup and costumes. The goal is to continue to nurture each student's growth as energetic, motivated individuals who possess God-given creative talents that, as developed, lead to healthy interpersonal relationships and effective communication.

Prerequisites: FAR 0926 or 0930**Fees:** none**FAR 1036: Technical Theatre II**

10th-12th, One Year 1 credit

This course extends the learning of the technical aspects of theatre as introduced in Tech Theatre I. Students will continue to deepen their understanding and application of skills involved with interpreting, designing and running a theatrical production. Topical concepts taught include the theatrical process, safety, stage management, principles of design, lighting, scenic design, sound design, makeup, and prop construction. Students will utilize the Black Box Studio's sound and lighting systems. Field trips to local theatres and the JHM production facilities provide students with practical, hands-on, experiential learning. Shop hours and participation in productions are required.

Prerequisites: FAR 0942**Fees:** none**FAR 1132: Theatre III**

11th-12th, One Year 1 credit

Theatre III provides numerous opportunities for students to become aware of the aesthetic values found in God, life, people, nature and art. This course is designed to continue to be a nurturing, student-centered educational experience within a clearly Christian philosophical framework which further addresses the creative process of character development, movement, voice, set design, makeup and costumes. The goal is to continue to nurture each student's growth as energetic, motivated individuals who possess God-given creative talents that, as developed, lead to healthy interpersonal relationships and effective communication.

Prerequisites: FAR 1032**Fees:** none**FAR 1232: Theatre IV**

12th, One Year 1 credit

Theatre IV provides numerous opportunities for students to become aware of the aesthetic values found in God, life, people, nature and art. This course is designed to continue to be a nurturing, student-centered educational experience within a clearly Christian philosophical framework which further addresses the creative process of character development, movement, voice, set design, makeup and costumes. The goal is to continue to nurture each student's growth as energetic, motivated individuals who possess God-given creative talents that, as developed, lead to healthy interpersonal relationships and effective communication.

Prerequisites: FAR 1132**Fees:** none