

SCOTTSDALE

CHRISTIAN ACADEMY



Middle & High School

Course Description Book

2018-2019

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I. INTRODUCTION

STEPS IN CHOOSING COURSES

1. Know what required courses you must take.
2. Give serious and prayerful consideration in choosing elective and alternative course selections that allow you to use particular gifts you have, explore new activities you might be interested in, or help round out your transcript for college applications.
3. Submit your course requests through your Academic Advisor.
4. Meet all deadlines for any course that requires an application.

SPECIAL NOTES

-  For a course to be offered, a minimum number of students must register for the class. That minimum number is set by the Administration.
-  The final master schedule of classes is based on need (required classes) and student registration (minimum number reached for a class).
-  A student will receive a schedule for First Semester before school starts. Be aware that a student's Second Semester schedule may change due to scheduling needs.
-  **Student schedule changes will be made at the discretion of the Counseling & Advisement Department. Also see Dropping or Adding a Class in this book.**
-  Assistance from the Academic Advisor always is available. Contact the Counseling & Advisement Department to make an appointment.

SCA GRADING SYSTEM

Grades are given on a four-point scale, with the exception of the AP classes and Academic Decathlon, which are weighted (WTD) on a five-point scale for grades of C- and above. GPA (Grade Point Average) is the average of all semester grades. Our grading scale is:

Percentages	Grades	GPA Equivalents (Regular and Honors Classes)	Weighted GPA Equivalents (AP Courses. Only appears in GPA.)
93-100	A	4.0	5.0
90-92	A-	3.7	4.7
87-89	B+	3.3	4.3
83-86	B	3.0	4.0
80-82	B-	2.7	3.7
77-79	C+	2.3	3.3
73-76	C	2.0	3.0
70-72	C-	1.7	2.7
67-69	D+	1.3	1.3
63-66	D	1.0	1.0
60-62	D-	0.7	0.7
00-59	F	0.0	0.0

HIGH SCHOOL COURSES TAKEN IN MIDDLE SCHOOL

A middle school student who qualifies for a high school level course will receive high school credit at SCA. Receiving high school credit for the course also implies that the grade received will be on the student's high school transcript and the grade will be calculated in the high school GPA. We cannot guarantee that the credits will transfer to another high school as each school has different requirements, or may require placement exams. In the case of math, regardless of any high school credits accumulated in middle school years, the student is still required to take four years of math once reaching high school. Credits obtained prior to reaching high school do not take the place of the required math credits at the high school level.

DROPPING OR ADDING A CLASS

Once a student's schedule has been finalized, changes only will be made in extenuating circumstances and at the discretion of the Advisor and/or the Principal. A student wishing to request a schedule change should obtain a drop/add form from their Advisor. The counselor and student will fill out the top portion of the form, including the counselor's recommendation. The student then will obtain signatures from the teachers involved in the change, as well as the parents/guardian. The completed form should be submitted to the Advisor for final approval. Students and teachers will be given a copy of the completed form and/or an updated schedule after the change is made. Schedule changes must be finalized by the Advisor, and work in the schedule, to be permitted.

Schedule for Dropping a Class

- Weeks 1-2: A class may be dropped without penalty by 3:30 PM on August 31 (Semester 1) and January 18 (Semester 2). A new class or study hall will be assigned. If a student voluntarily wants to drop a class in order to be scheduled into a different class, or wants to add a class to their schedule, the formal request to the Academic Adviser must be submitted before this deadline.
- Weeks 3-4: If a student drops a class during the third and fourth weeks of a semester, the student will receive a W (Withdrawal), which will appear on the transcript. This designation will not affect the student's grade point average (GPA). A new class or study hall will be assigned to the student by the Academic Advisor.
- Week 5-8: If a student drops a class after the fifth week of the quarter (or semester) begins, the student will receive a W and a grade of F. A new class or study hall will be assigned to the student by the Academic Advisor.
- Week 9+: After a class has been in session for nine weeks, a student will not be allowed to drop that class until the semester ends.

EARLY DISMISSAL POSSIBILITIES FOR SENIORS

Each SCA high school student, including each Senior, is required to take seven academic classes (or six academic classes and a study hall). Early dismissal is allowed only for students who are Seniors and who either (a) have an economic hardship or (b) need to take a particular, approved college course to complete their degree. If a senior believes he/she meets one of these conditions, an appeal to leave SCA early one or more days of the week must be initiated by a written request from the student and their parents/guardians, using the form available in the upper school Office. The request will include an agreement regarding the method by which the necessary college enrollment or employment will be documented. If the Principal is of the opinion that the request has substantial merit, the request will be forwarded to the Superintendent for final action. If the documentation is not submitted as agreed upon, the student will be required to return to school for a full day. A student is not allowed to begin leaving school early until the request has been approved, so they are encouraged to begin the request process far in advance.

SUMMER SCHOOL, CORRESPONDENCE SCHOOLS, AND ONLINE SCHOOLS

Courses required for graduation may **ONLY** be taken through SCA (in an SCA class taught by an SCA teacher) unless a schedule conflict makes the course unavailable to the student during the regular school day or unless the student must utilize an alternative class to remediate a failing grade. Students desiring to take *elective* classes not offered at SCA may do so only with the approval of their Academic Advisor. Scottsdale Christian Academy may offer a limited number of classes in summer school. Students may contact their local public school district office to gain information on their summer school program.

SCA will accept up to three outside elective credits or make-up credits (six semesters) from an accredited summer school, correspondence school, or online school. **Students who wish to enroll in a non-SCA program must receive prior written approval from their Academic Advisor.** Such courses will appear in the official transcript only as Pass or Fail.

ONLINE WORLD LANGUAGE POLICIES

Scottsdale Christian Academy offers online French (all levels), Latin, and German (two years only of each) courses developed by EdOptions Academy through Edmentum. Students in 10th-12th grade may select one of these courses as one of their seven daily selections. **Administrative approval is required for any freshman wanting to take an online course.** Those students will register for all online courses through their Academic Advisor. Those students will be assigned one period in a supervised classroom during the regular school day to work on their online course work. The final grade earned by the student through the online course will be listed on the student's transcript and *not* on quarter or semester report cards. Students need to be motivated and self-disciplined to succeed in an online course. These course may or may not be approved through NCAA.

The cost of an online world language course *may* be covered through the student's normal SCA tuition, and approval for such financial arrangements must be approved in writing before the course is approved. (Any other online courses taken while at SCA are not covered by SCA tuition.) **If a student drops or fails an online course that was paid for by SCA, the student/parent is responsible for the cost of the course.**

SPEECH GRADUATION REQUIREMENT

Scottsdale Christian Academy requires every student to earn 0.5 credit in Speech for graduation. There are several ways for a student to meet that requirement: they may (a) successfully complete the 1-semester HS Speech class, (b) take Academic Decathlon for one year, (c) serve for one year as High School Chaplain, or (d) earn four units of activity in a combination of SCA Concert Choir and SCA Theater productions.

The Choir/Theater combinations must amount to a total of four units of activity. Units are credited as follows:

- 1 unit = 1 full year in Concert Choir or Chorale
- 1 unit = Participating on stage in at least 40% of a Theater production in any capacity (approved by Principal)
- 2 units = A major lead in a Theater production with a significant number of spoken lines and/or vocal solos

CONCURRENT ENROLLMENT/DUAL ENROLLMENT

Scottsdale Christian Academy has elected to offer a variety of Dual Enrollment and Concurrent Enrollment courses to better serve the SCA students. Dual Enrollment and Concurrent Enrollment courses enable a student to earn college credits while in high school. Please check with the respective college or university to confirm that the course the student is interested in taking will transfer. The cost for the college credit is outside of the normal SCA tuition. The SCA tuition covers the high school credit; the cost for the college credit is paid directly to the respective college or university. SCA is partnering with Colorado Christian University, Grand Canyon University, Arizona Christian University and Maricopa Community Colleges.

Through the Dual Enrollment courses offered on the SCA campus, **students have the potential of graduating with 52 college credit hours**. This does not include additional opportunities available through the Concurrent Enrollment courses available through Grand Canyon University and/or Maricopa Community College(s).

Concurrent Enrollment

Concurrent Enrollment is defined as a college course taught either online or taken at the college campus with a professor from that college and the grade is given directly from the college. SCA does not have access to or control of the grades given to the student. After the student has completed their concurrent coursework, the student must request an official transcript from the university to be sent to SCA in order for the grade to be placed on the transcript.

Grand Canyon University Offerings

All courses offered through GCU are online and are 7 weeks in length. Cost for courses through GCU is approximately \$52.50 per credit hour, a \$75 ebook fee per class, and no registration fee. A student needs to schedule and devote 10-12 hours a week at the minimum to complete the course in the given time. Please see the Academic Advisor for a complete listing of possible courses offered through Grand Canyon University.

Maricopa Community College Offerings

The Maricopa Community Colleges offer a wide-array of on-site and on-line courses that students can take while concurrently enrolled at SCA. To find a complete listing of courses and start dates go to <http://classes.sis.maricopa.edu/>. Cost for courses through the Maricopa Community College system is approximately \$86 per credit hour with a \$15 registration fee per semester.

Dual Enrollment

Dual Enrollment is defined as a college course taught on the SCA campus with an SCA teacher, and the grade is given by SCA. The college credit is given in conjunction with a local college or university. SCA is partnering with Colorado Christian University, Grand Canyon University, Arizona Christian University and Maricopa Community Colleges for a variety of dual enrollment offerings across the curriculum with a focus of helping students meet their general education requirements at the university level. Please see the listing of courses by provider on the subsequent pages.

Arizona Christian University Course Offerings

Courses offered through Arizona Christian University are offered on-site at SCA with an approved SCA teacher. Cost will be determined and assessed by ACU and will be approximately \$200 per semester, above SCA tuition, plus books and materials.

	Course Title	Course Description
BUS 232	Personal Finance 3 Credits	A survey of financial management methods for individuals and households, with emphasis upon Christian stewardship principles. Topics include: financial planning and goal setting, budgeting, income tax preparation, banking and credit, savings and investment, giving, major purchase evaluation, home ownership, the necessary lines of insurance, retirement planning, and personal financial software.

Colorado Christian University Course Offerings

Courses offered through Colorado Christian University are offered on-site at SCA with an approved SCA teacher. Cost will be determined and assessed by CCU and will be approximately \$200 per semester, above SCA tuition, plus books and materials.

	Course Title	Course Description
MAT 111	College Algebra 3 Credits	Students will study analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions. Systems of equations, modeling, and solving real world problems will be addressed. Additional topics may include matrices, combinatorics, sequences and series, and conics. A year-long class that meets the requirement for a fourth high school math class.
MUS 110	Music Appreciation 3 Credits	This course will include study in the elements and structure of music, as well as composers, music styles, and music periods for both sacred and secular music.
MUS 112	Music Theory 3 Credits	This course is the chronological study of music theory, including harmony, melody, texture, structure, and timbre through analysis and basic exercises to demonstrate musical concepts.

Grand Canyon University Course Offerings

Courses offered through Grand Canyon University are offered on-site at SCA with an approved SCA teacher. Cost will be determined and assessed by GCU and will be approximately \$52.50 per credit hour above SCA tuition, plus books and materials.

	Course Title	Course Description
ENG 105	English Composition I (SCA: College English) 4 Credits	First-Year English Composition. The course will cover standard English writing skills with emphasis on expository composition. In-depth study of various literary pieces will also be included.
ENG 106	English Composition II (SCA: College English) 4 Credits	First-Year English Composition II. This semester emphasizes continued development of standard English writing skills. Introduction to research, note taking, organization, and documentation in the preparation and writing of a research paper is included. In-depth study of various literary pieces will also be included.
COM 210	Public Speaking 4 Credits	This basic course in oral communication uses focused content to practice the principles of effective oral presentation. The lectures, speaking assignments, and all written work will acquaint the student with the theory, practice, and necessary technological literacy required for effective message building and presentation.

Continued Grand Canyon University Course Offerings

	Course Title	Course Description
HIS 110	World History Themes 4 Credits	This course surveys global civilization from Africa and the Americas to Eurasia as an overview of the principal cultural, political, and economic themes that shaped world civilization.
MAT 250	College Algebra & Trigonometry (SCA: Hon PreCalculus) 4 Credits	This course is a unified study of fundamental algebra and trigonometry concepts that provide the necessary background for the study of calculus. Topics include linear equations and inequalities in one and two variables; scatter diagrams and curve fitting; polynomial, rational, exponential, logarithmic, and trigonometric functions, their graphs, and their inverse functions; and systems of equations and inequalities. There is an emphasis on developing both a fundamental understanding of the concepts involved as well as their application to real-world problem solving.
PSY 102	General Psychology 4 Credits	This foundation course in the science of behavior includes an overview of the history of psychology, the brain, motivation, emotion, sensory functions, perception, intelligence, gender and sexuality, social psychology, human development, learning, psychopathology, and therapy.

Rio Salado Community College Course Offerings

Courses offered through Rio Salado Community College are offered on-site at SCA with an approved SCA teacher. Cost will be determined and assessed by Rio Salado and will be approximately \$86 per credit hour with a \$15, above SCA tuition, plus books and materials.

	Course Title	Course Description
SPA 101	Elementary Spanish I 4 Credits	Spanish III (SPA 101 & 102) is an intermediate study of Spanish language and its many cultures. In addition to recycling the basic grammar learned in Spanish I and II, new vocabulary and more complex grammatical structures will be learned through thematic units. Emphasis is placed on the four basic skills: speaking, writing, reading, and listening with the goal of improving students' comprehension and expression of opinions and concepts. Students will also continue to learn about various aspects of Spanish-speaking cultures including traditions/customs, nuances and dialectal differences.
SPA 102	Elementary Spanish II 4 Credits	
SPA 201	Intermediate Spanish I 4 Credits	Spanish IV (SPA 201 & 202) is a high intermediate to advanced study of the Spanish language and its many cultures. The text used in Spanish IV is a college-level textbook. Spanish IV builds upon the vocabulary and grammar concepts learned in Spanish I, II and III. At the same time, this course allows students to enhance their knowledge of vocabulary and offers opportunities to explore and use more complex grammatical structures. In addition to gaining a deeper understanding of Spanish-speaking cultures, opportunities for advancement in the realms of listening, speaking, reading, and writing will be explored through (but not limited to) the following: compositions, role plays, skits, projects, presentations, and field trips.
SPA 202	Intermediate Spanish II 4 Credits	

MS COURSES TYPICALLY TAKEN AT EACH GRADE LEVEL

	<u>6th Grade</u>	<u>7th Grade</u>	<u>8th Grade</u>
1.	Bible 6	Bible 7	Bible 8
2.	English 6	English 7	English 8 Honors English 8
3.	History 6	History 7	History 8 Honors History 8
4.	Math ¹	Math ¹	Math ¹
5.	Science 6	Science 7	Science 8
6.	Middle School Success ² (semester) Additional Semester Elective	Elective	Elective
7.	Elective	Elective	Elective

Scottsdale Christian Academy reserves the right to make any changes in courses offered each year.

¹See Math Sequence page in the Course Description Book for details.

²Middle School Success is a REQUIRED elective for all 6th grade students.

HS COURSES TYPICALLY TAKEN AT EACH GRADE LEVEL

	<u>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u>
1.	Bible	Bible	Bible	Bible
2.	Math ¹	Math ¹	Math ¹	Math ¹
3.	Biology	Chemistry or Honors Chemistry	Integrated Science, Physics, Honors Physics, AP Physics, AP Chemistry, or Anatomy/Physiology	Elective or Additional Science or Additional Social Studies
4.	English I, or Honors English I ^H	English II, or Honors English II ^H	English III, or AP English Language III ^H	English IV, or College English ^H , or AP English Literature IV ^H
5.	Physical Education, or SCA Athletics ²	World History, or AP World History ^H	U.S. History, or AP U.S. History ^H	US Government, or AP US Government ^H /Economics
6.	World Language I, or World Language II	World Language II or World Language III ³	Elective, or World Language III ^{H3} , or World Language IV ^{H3}	Elective, or World Language IV ^{H3}
7.	Elective	Elective	Elective	Elective

^H Indicates an honors class. For the Honors Diploma, a student is required to take a minimum of three Honors classes earning a B or better in both semesters.

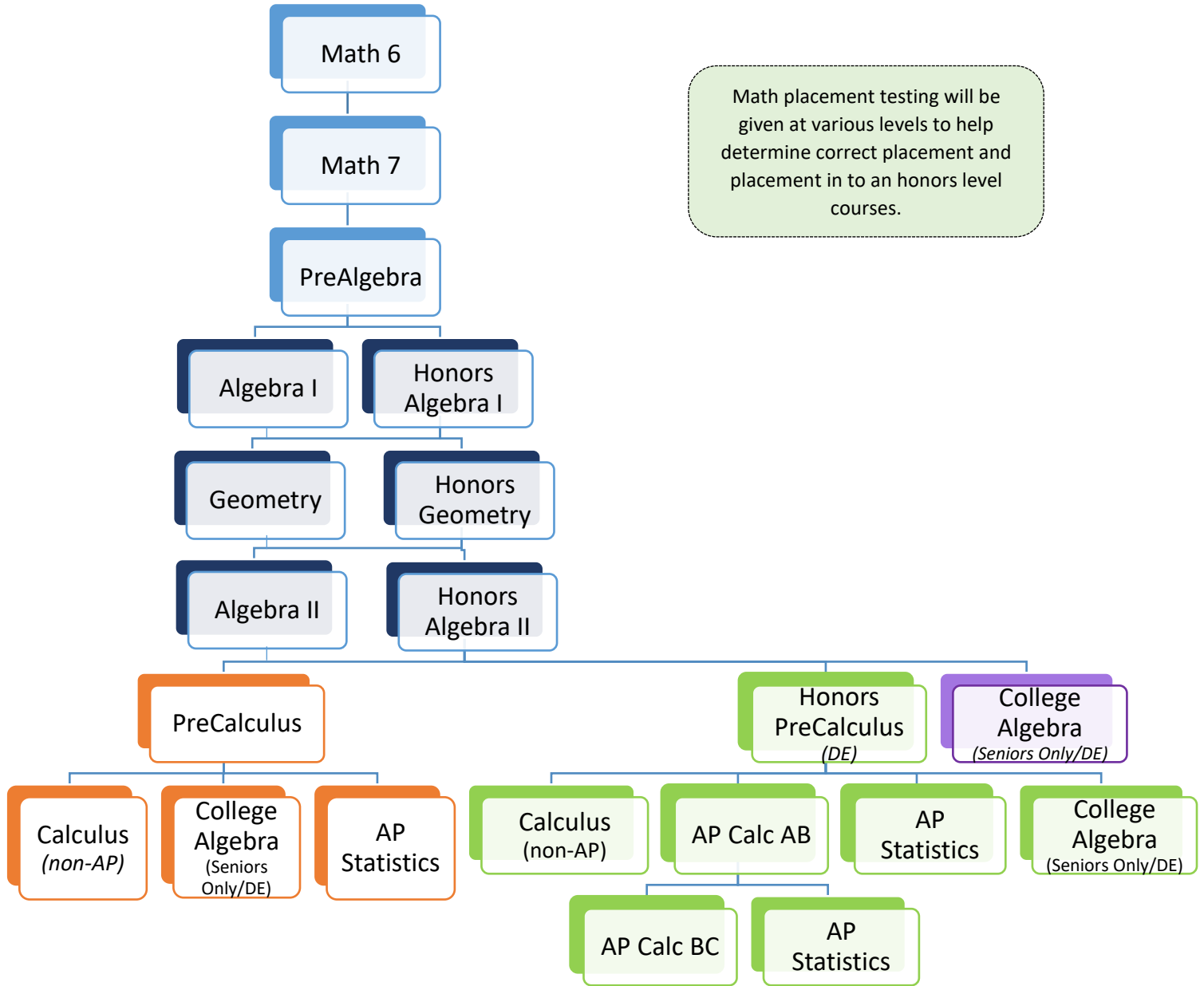
¹ See Math Sequence page in the Course Description Book for details.

² See policy regarding completion of the PE requirement in the Course Description Book.

³ The 3 credit Honors Diploma requirement in World Language may be fulfilled by 2 credits as long as one of those 2 credits is the successful completion of a Level 3 or Level 4 course (for example, a student who as a freshman takes Spanish II may complete their Honors Diploma language requirement by completing Spanish III in their sophomore year)

Scottsdale Christian Academy reserves the right to make any changes in courses offered each year.

MATH SEQUENCE



GRADUATION REQUIREMENTS CHECKLIST

_____ **Four Credits of Bible**

Bible I Bible II Bible III Bible IV

_____ **Four Credits of English**

English I / Honors English I^H English II / Honors English II^H
 English III / AP Eng Language^H English IV / College English^{H/DE} / AP Eng Literature^H

_____ **Four Credits of Math**

Algebra I / Hon Algebra I Geometry / Hon Geometry^H Algebra II / Hon Algebra II^H
 College Algebra^{DE} PreCalculus Honors PreCalculus^{H/DE}
 Calculus (non-AP) AP Calculus AB^H AP Calculus BC^H AP Statistics^H

_____ **Three Credits of Science {Honors: 3/ 4 Credits of Science}**

Biology Chemistry/ Hon Chemistry Integrated Science Physics/ Hon Physics
 Anatomy/Physiology^H Other: _____

_____ **Three Credits of Social Studies {Honors: 3/ 4 Credits of Social Studies}**

World History / AP World History^H US History / AP US History^H
 US Government / AP US Government^H Economics
 Other: _____

_____ **Two Credits of the same World Language {Honors: 3 Credits of the same World Language}**

Spanish I II III^H IV^H

Online Language: _____ I II III^H

_____ **One Credit of P.E. OR 3 Seasons of SCA Athletics**

SSA SCA Athletics [sport/year participated]
 [_____ / _____] [_____ / _____] [_____ / _____]

_____ **1 Credit of Computer courses**

Computer I Graphic Design I Digital Filmmaking Computer Science
 Yearbook (full year) Other: _____

_____ **1 Credit of Fine Arts**

Digital Photography I & II Sculpting I Drawing I Painting I
 Choir Band Guitar I & II

_____ **0.5 Credit of Speech**

Speech One Full Year of Broadcasting HS Chaplain
 Choir/Theater Combo (4) [activity/year participated]
 [_____ / _____] [_____ / _____]
 [_____ / _____] [_____ / _____]

_____ **2.5 Credits of Additional Electives/ 3.5 Credits of Additional Electives for Honors Diploma**

_____ _____ _____
 _____ _____ _____

A total of 27 credits with the core graduation requirements and electives.

Additional requirements for an Honors Diploma:

- _____ Four Credits of Science or Social Studies
 _____ Three Credits of the same World Language
 _____ Three honors courses with semester grades of B- or better for both semesters
 _____ Cumulative Weighted GPA of 3.5 or better

A total of 28 credits with the core & honors graduation requirements

II. COURSE DESCRIPTIONS

BIBLICAL STUDIES

The course selection and content of the Bible Department intends to teach and refine student skills and ability to exegete both God's Word and the surrounding culture through the lens of God's Word. In order to accomplish this, the 1st semester classes focus upon Bible study skills and the 2nd semester classes focus upon worldview development and analysis. Over the course of high school, students will refine both skill sets. In addition to the formal Bible classes, all students are also required to complete eighteen hours of Ministry/Community Service and one SCA mission trip per year.

Middle School Courses

MS Bible 6

Length: 1 Year

Bible 6 introduces wisdom and the pursuit of Godly character. Students are challenged directly from God's word, class materials, and interactive activities to handle conflict while pursuing a life of Godly character. Course studies emphasize Biblical illustrations, as well as current events, which lead students to identify personal responsibility in matters of salvation and the necessity of living according to God's wisdom.

MS Bible 7

Length: 1 Year

Bible 7 presents an overview of the Old Testament. Course studies chronologically investigate the major themes of God's plan for the salvation of humankind through the finished work of the Messiah. Students consider the cycles of obedience and rebellion of the nation of Israel and are challenged to examine their response to personal sin. Throughout the course, students encounter opportunities to evaluate their spiritual lives, as well as determine intentional steps required to have a thriving personal relationship with Jesus Christ.

MS Bible 8

Length: 1 Year

Bible 8 guides the student through the New Testament. Students begin this course with the Gospels, followed by an investigation of church history found in Acts, and conclude with identification of the teaching, encouragement, and correction written in the Epistles. At the conclusion of this course, students are equipped to recognize and implement the characteristics displayed in the life of Christ and the early church founders as the model for personal salvation and living a life dedicated to serving others and glorifying God.

High School Courses

Bible I

Length: Two 1-Sem courses

Requirements: 9th Grade Status

Prerequisites: none

Bible Study Methods: The Scriptures are God's Word and, as such, they are the sole authority for Christian doctrine and life. Gaining fundamental skills in Bible study is crucial for a student. In an effort to make life-long students of God's Word, this class will: a) examine the basic tenants of Christianity related to the Gospel, as taught in Scripture; b) give students a basic understanding of how the canon of the New Testament was formed; and c) help students to develop and refine basic Bible study skills so they can better study and understand Scripture for themselves.

Basic Worldview Development: Every person has a way in which they view the world. Yet most people are not discerning in how this worldview has been developed or how it impacts their decisions. This class will give the students an opportunity to consider a number of questions that will help them better understand their worldviews in light of biblical truth, as well as, to consider common fallacies of logic that lead people to a problematic worldview.

Bible II

Length: Two 1-Sem courses

Requirements: 10th Grade Status

Prerequisites: none

Biblical Theology: People often forget that the Bible is not an encyclopedia or a book of independent verses. The Bible is a history of God's interaction with humanity. The purpose of the course is to give students an overview of the cohesive storyline of the Bible, focusing on key texts that move that storyline along.

Survey of False Religions and Ideas: Christianity is not the only major worldview competing for our hearts and minds. This class will explore major systems of philosophy and religion that influence our world with the goal of helping students to analyze them in light of a Christian worldview. Students will also learn to share their faith with people of different belief systems.

Bible III

Length: Two 1-Sem courses

Requirements: 11th Grade Status

Prerequisites: none

Basic Doctrine: Within Biblical study, a student must first learn to look at individual passages. Yet each passage must also be considered in light of the whole Bible. In this class students will interact with various passages and come to conclusions on major categories of doctrine that unite orthodox Christianity.

Apologetics: The One, True God is a God of logic and order. Therefore, it is possible to defend Christian belief in God and His Word. This course will help students to develop an approach to coherently articulate and defend Christianity in a biblically truthful and loving manner

Bible IV

Length: Two 1-Sem courses

Requirements: 12th Grade Status

Prerequisites: none

Hermeneutics and Intensive Practical Application: The Bible is not merely a book of beliefs without application for the broken lives of people living in a fallen world. The Bible is sufficient to deal with the problems of our lives and ought to be our source of truth and hope. This class will examine principles that should guide students in their application of Scripture and then examine how Scripture answers some of the most difficult questions in the Christian life.

Cultural Engagement: We live in a world that influences our thinking in ways of which we are often unaware. Too often Christians unknowingly adopt unbiblical thinking and practices. This course will examine areas in which Christians often adopt unbiblical thinking and what we can do to be more discerning in our interactions with the world around us. In addition, it will examine how they can develop biblical practices in how they approach aspects of life where Christians tend to give little thought to God.

COMPUTERS

2 Timothy 3:16-17 (ESV) “All Scripture is breathed out by God and is profitable for teaching, for reproof, for correction, and for training in righteousness, that the man of God may be complete, equipped for every good work.” In order for our students to be thoroughly equipped and a complete person of God, our technology statement is to use seamless integration of technology for staff, students, and parents in all aspects of the Christian school experience, including, but not limited to academic, athletic, fine arts, and extra-curricular activities in order to promote the glory of God and further His kingdom in this increasingly global digital economy.

Middle School Courses

MS Computer Applications I

Length: 1 Semester

MS Computer Applications I is designed to meet the Arizona Education Technology Standards. A focus will be placed on improving technology skills learned at the elementary level. Students will use a combination of several programs to explore technology-based learning opportunities in creativity and innovation, communication and collaboration, research and information literacy, critical thinking and decision making, digital citizenship, and operations and concepts.

MS Computer Applications II

Length: 1 Semester

Prerequisite: MS Computer Applications I

MS Computer Applications II is designed to meet the Arizona Education Technology Standards. A focus will be placed on improving technology skills acquired previously. Students will use a combination of several programs to explore technology-based learning opportunities in creativity and innovation, communication and collaboration, research and information literacy, critical thinking and decision making, digital citizenship, and operations and concepts.

MS Computer Applications III

Length: 1 Semester

Prerequisite: MS Computer Applications I & II

MS Computer Applications III is designed to meet the Arizona Education Technology Standards for students. A focus will be placed on improving technology skills acquired previously. Students will use a combination of several programs to explore technology-based learning opportunities in creativity and innovation, communication and collaboration, research and information literacy, critical thinking and decision making, digital citizenship, and operations and concepts.

High School Courses

Note: *Computer I is a prerequisite for all other computer courses.*

Computer I: Word®, Excel®, PowerPoint®

Length: 1 Semester

Requirements: 9th-12th Grade Status

Prerequisites: none

This class will provide a comprehensive introduction to the word processing and graphic presentation capabilities as afforded by the Microsoft® Office Suite® via the Microsoft Word®, PowerPoint®, and Excel® software products. Students will learn how to create and format flyers, research papers, resumes and cover letters (Word®) as well as informal/formal graphic presentations containing animation, sound, integrated Office data, etc. Using Excel®, students will learn how to create, format, and edit spreadsheets and charts. Students will also be encouraged to continue to develop a mastery of essential keyboarding skills. **Note:** Computer I is a prerequisite for all other computer courses.

Computer Science**Length:** 1 Semester**Requirements:** 9th-12th Grade Status**Prerequisites:** Computer I

An introductory course which examines some of the fundamental ideas of the science of computing. A wide variety of topics is explored, including hardware organization, the Internet, computer programming, limits of computing, graphics, and others.

Digital Filmmaking**Length:** 1 Semester**Requirements:** 9th-12th Grade Status**Prerequisites:** Computer I

Students will learn the basic skills needed to produce their own short video projects using iMovie® or other video editing programs. The course will include video editing, sound editing, and composition. Students will also study and critique films and videos. Students will make movies on the SCA campus, film and edit student events and activities, and produce an original short film. Filming may take place during class time, but will also require out of class time. Students should have access to a digital film camera for class assignments.

Graphic Design I**Length:** 1 Semester**Requirements:** 9th-12th Grade Status**Prerequisites:** Computer I

Computer I and Art I are strongly recommended as a prerequisite for this course. Graphic design will introduce students to creating works of art using digital design programs. The first quarter of the class will focus on learning the basic functions of Adobe® Photoshop. Students will manipulate photos and create visual graphics in Photoshop. The second quarter will focus on the basics of Adobe® Illustrator and creating digital artwork using vectors. Students will create a variety of graphic works including logo designs, magazine ads, movie posters, product packaging, billboards and more.

Graphic Design II**Length:** 1 Semester**Requirements:** 10th-12th Grade Status**Prerequisites:** Graphic Design I

This advanced-level graphics course will take student's fundamental knowledge of Photoshop® and Illustrator® and apply it to industry-level projects. Students will create large magazine spreads, vehicle wraps, t-shirt design, album covers as well as student chosen projects that focus on their area of interest.

ENGLISH

The combination of what students read, write, question and consider will contribute to maximizing the student's God given potential for Christian maturity, service, excellence, and community ministry. Therefore, the English department strives to develop Christian communicators who have a command of the English language. As God is the creator of all language, and as he is the word made flesh (John 1:1-3), students will approach their units of study of literature and language through biblical lens and recognize God as the origin (Zephaniah 3:9). Language skills enable students to not only be successful in life beyond high school, but also in sharing their faith with others. (1 Peter 3:15).

Scottsdale Christian Academy's English Department provides, regular, honors, and/or Advanced Placement (AP) curriculum at each appropriate level. Honors courses will contain higher level thinking assignments, additional essay test questions, as well as additional reading and/or writing assignments. The AP curriculum is taught separately from the English III and English IV curriculum. AP courses are college level courses and meet criteria set forth by the College Board. Students who wish to take an Honors course or AP course *must apply*, be approved, and maintain a specified grade. Attendance, teacher recommendations, and grades are considered for placement in these courses. Honors and AP courses will require *additional time* over and above a non-honors course.

Middle School Courses

MS English 6

Length: 1 Year

Students will be studying grammar as it pertains to writing and identifying parts of speech. Students will continue to build skills in writing across the curriculum. Students will expand their vocabularies as target vocabulary development will be done in conjunction with each literature study. The study of Greek and Latin prefixes, suffixes, and root words will be included in our vocabulary focus. Students will read and analyze various genres of literature, including biographies, nonfiction, historical fiction, realistic fiction, tall tales, and drama. Several literature studies will be done throughout the year with an emphasis on helping students understand literary elements such as character development, plot, setting, point of view, mood, and theme.

MS English 7

Length: 1 Year

Students continue to build skills in writing across the curriculum as well as book reports and a research paper using Modern Language Association (MLA) format... Grammar, spelling, vocabulary and writing instruction concentrate on developing understanding of the relationships between words and sentences and how they combine to create meaning. This course covers a variety of literary genres, focusing on the elements of fiction and non-fiction through the short story, novel, and poetry. The course is designed to give students an understanding of how the elements of literature are used including character development, plot, setting, point of view, mood and theme

MS English 8

Length: 1 Year

This course is designed to engage the student in a curriculum of writing, reading, and analysis of literature, grammar and vocabulary. Through the close reading of selections, students gain an understanding of the ways writers use language to provide both meaning and pleasure for the reader. As they read, students consider a work's structure, style and themes. A research paper on careers is also required.

MS Honors English 8

Length: 1 Year

Attendance, teacher recommendations, grades, and TerraNova scores are considered for placement in this course. In this course, the students will examine various components of English grammar, mechanics, and usage at an accelerated rate. Students will read, analyze, and discuss various novels, plays, short stories, and poems. Throughout these literature units, the students will study a variety of literary elements and develop both critical thinking and discussion skills. The students will learn to write well-developed paragraphs and essays, incorporating ideas from their literature studies into their writing.

High School Courses

English I

Length: 1 Year

Requirements: 9th Grade Status

Prerequisites: none

English I will continue the development of students' usage of language in grammar, vocabulary, literature, and composition, with an emphasis on writing and research skills. The first semester of this class will focus on the writing process and various genres and forms of academic writing, including fictional and non-fictional narration, poetry and description, exposition, persuasion/argument, literary analysis, and workplace writing. The second semester will provide students with an extensive understanding of the research process. Students will complete several research-based projects, utilizing MLA, APA and other academic styles. A variety of selections from literature will be integrated with the writing process to increase reading comprehension, critical thinking skills, reading strategies, and literary analysis and appreciation. A research paper in conjunction with another discipline, often Biology/Science, is also required.

Honors English I

Length: 1 Year

Requirements: 9th Grade Status

Prerequisites: Honors Approval

Honors English I will cover all of the elements of English I. In addition, students in this accelerated course will be expected to read additional, more complex novels with a higher level of vocabulary. Course content will be covered in greater depth and at a more rapid pace. The expectation level is also higher for students in regard to critical reading, writing skills, and command of the basic tenants of the English language. A research paper in conjunction with another discipline, often Biology/Science, is also required.

English II

Length: 1 Year

Requirements: 10th Grade Status

Prerequisites: English I

English II covers all aspects of a traditional English curriculum. Major focuses of this course include grammar, writing, college and SAT/ACT vocabulary study, as well as further development of critical thinking skills through the analysis of various selections from all literary genres. Significant review and refinement of the writing process will occur as well. The concepts of structure and writer's voice will be highlighted within various essay forms. A research paper in conjunction with another discipline, often World History, is also required.

Honors English II

Length: 1 Year

Requirements: 10th Grade Status

Prerequisites: English I/ Honors Approval

Honors English II prepares students for the Advanced Placement courses in grades 11 and 12. This accelerated class focuses on all of the concepts covered in English II, but also addresses the areas of rhetorical analysis, persuasive appeals, analytical thinking, and argument. These components will be further emphasized in class writing assignments. Higher level thinking skills will also be developed through class discussion and written literary analysis. A research paper in conjunction with another discipline, often World History, is also required.

English III**Length:** 1 Year**Requirements:** 11th Grade Status**Prerequisites:** English II

English III provides an extensive chronological look at American literature. A major focus of English III is the process of writing. This writing involves various types of essays, with extensive emphasis on argumentative and persuasive essays. Students will also continue to develop the ability to analyze text with discernment, evaluating the themes of secular writing in light of Biblical truth. Emphasis is placed on grammar and expanding student vocabulary throughout the year. A research paper using MLA format is also completed in conjunction with U.S. History.

AP English Language III**Length:** 1 Year**Requirements:** 11th Grade Status**Prerequisites:** English II/ Honors Approval

Advanced Placement English III is a college style English class with college level materials and expectations. Upon successful completion of a test administered by the College Board, the student is eligible for simultaneous college credit, dependent on approval from the college to which the student applies. AP English III requires extensive reading, testing, writing, and a research paper. Daily assignments are usually 30 minutes or more per night, including weekends. The subject matter of this course is primarily nonfiction essays. Students are required to take the AP test at an approximate cost of \$90. The test will be administered at SCA.

English IV**Length:** 1 Year**Requirements:** 12th Grade Status**Prerequisites:** English III

English IV includes a brief review of English grammar to enable students to fine-tune their writing skills. The major focus of English IV is a chronological study of British literature from the Anglo-Saxon era to the Modern Periods. A major aspect of this study is the development of the ability to read with discernment, evaluating the themes of secular writing in light of the Bible. Throughout the year, there are regular vocabulary assignments and quizzes to prepare students for the SAT/ACT and college classes. A research paper is assigned in conjunction with Government/Economics or another discipline.

College English (*Dual Enrollment*)**Length:** 1 Year**Requirements:** 12th Grade Status**Prerequisites:** 3.0 GPA & Placement Test

This course will be taught in conjunction with Grand Canyon University. It will meet the requirement for senior English while earning college credit. In order to register for the class, students must have a 3.0 wtd GPA and pass the placement test given by GCU prior to walk-through registration. Cost will be determined and assessed by GCU and will be approximately \$52.50 per credit hour, above SCA tuition, plus books and materials.

First semester is ENG105, First-Year English Composition. The course will cover standard English writing skills with emphasis on expository composition.

Second semester is ENG106, First-Year English Composition II. This semester emphasizes continued development of standard English writing skills. Introduction to research, note taking, organization, and documentation in the preparation and writing of a research paper is included. Literature will be included both semesters.

AP English Literature IV**Length:** 1 Year**Requirements:** 12th Grade Status**Prerequisites:** Honors Approval

AP English IV is a college level course with college level materials and expectations. Upon successful completion of a test administered by the College Board Testing Service, the student is eligible for simultaneous college credit, dependent on approval from the college to which the student applies. AP English IV requires extensive reading, testing, writing, and a research paper. Daily assignments are usually 30 minutes or more per night, including weekends. The subject matter of this course is primarily fiction from all four literary genres. *Students are required to take the AP test at a cost of \$90.* The test will be administered at SCA.

FINE ARTS

The Fine Arts programs at SCA strive to develop the creative aspect and gifting of every student, as a testimony reflecting the creativity of God, with the goal of making the name of Christ known through our various mediums. Through creation, evaluation and participation, both students and the community will foster a life-long appreciation for the arts. (Romans 12:1)

Middle School Courses

MS Choir

Length: 1 Semester or 1 Year

Requirements: 6th-8th Grade Status

This course serves as an introduction to choral singing. Students will focus on learning proper vocal techniques and working together to create a beautiful choral sound. This class will include the study of basic music reading skills and an introduction to sight-singing. The choir will learn beginning level choral music in a variety of styles including sacred and secular music. At least four concerts will be performed during the school year and other opportunities to perform may be added. Choir is intended to be a full year elective, therefore students entering at semester must be motivated to catch up to the progress of the rest of the class. In other words, the effort is expected to be that of a full year's worth of progress on the part of the student.

MS Band

Length: 1 Semester or 1 Year

Requirements: 6th-8th Grade Status

Middle school band will be an exceptional music experience for all skill levels. Musicians will increase proficiency on their chosen instrument through both large group and sectional lessons. Students should plan on at least two public performances during the school year. Musical selections will be age and skill appropriate. Students will be responsible for the memorization of pieces of music selected by the instructor and commit to personal practice at home. Band is a full year elective and must be a full year commitment on the part of the student.

String Ensemble

Length: 1 Year

Requirements: 6th-12th Grade Status

Prerequisites: Instructor approval/ basic music reading

The String Ensemble is a group of musicians concentrating on the study, preparation, and performance of the various styles of string music from the past and present. The group will perform at required concerts throughout the year. String Ensemble is a full year course and students are making a full year commitment when enrolling. Overall, the intent of String Ensemble is for the students to continue to grow in their musicianship, skill, and appreciation for various music styles.

MS Visual Art I

Length: 1 Semester

Requirements: 6th-8th Grade Status

This course is designed to introduce students to the Elements and Principles of art, which are the building blocks of all works of art. Each project will focus on specific elements and principles that they will have to use to create their works, while also teaching solid fundamentals in traditional art skills such as drawing, painting and sculpture.

MS Visual Art II**Length:** 1 Semester**Requirements:** 6th-8th Grade Status

Art II is a semester long course that expands upon the concepts and techniques learned in Art I. Students will go more in-depth in applying color theory concepts, exploring the proportions of the face, drawing from real-life objects, and advanced perspective concepts.

MS Visual Art III**Length:** 1 Semester**Requirements:** 6th-8th Grade Status

Art III is a semester long course that expands upon visual art concepts and techniques learned in Art II. Students will go more in-depth in the art curriculum and prepare themselves for Art at the High School level. It is highly recommended that students take the MS Art before taking HS introductory classes, but, due to the nature of art classes and a student's ability to differentiate themselves, a student who comes into a HS art class with no middle school experience can learn the same concepts as others, but the projects and assignments will be scaled to meet the needs and experience level of each student.

*High School Courses***VOCAL ENSEMBLES**

When making course selections, students may indicate their choir preference, but final placement in Chorale, Concert Choir, Women's Choir and/or men's Choir is assigned by the teacher in order to maintain an appropriate balance of gender and sound. Depending on enrollment, not all choirs will be offered every year. In every choir the student will be encouraged to pursue singing as a life-long act of service and worship to God, and to develop strong vocal fundamentals and sight reading skills. Basic expectations are the same for all choirs: the student will need to need to purchase concert attire, participate in all performances (several per year), and commit to remaining in the choir for the entire school year. A simple vocal interview will be conducted for placement.

Concert Choir**Length:** 1 Year**Requirements:** 9th-12th Grade Status**Prerequisites:** Vocal Interview Required

The Concert Choir is the principle mixed choir at SCA. Preference for enrollment is given to students in grades 10-12 and to advanced singers. Concert Choir focuses on developing the singing voice, refining musicianship skills and performing high quality high school choral literature. Several performances will be given at concerts, festivals, and outside venues. The student will be required to assume the cost of special activities such as trips to California or New York.

Chorale**Length:** 1 Year**Requirements:** 9th-12th Grade Status**Prerequisites:** Also in Concert Choir/ Audition required

SCA Chorale is a smaller, select vocal ensemble consisting of advanced male and female singers already enrolled in one of the other choirs, which focusing on intermediate to advanced choral literature in a diversity of advanced styles, vocal technique, and musicianship skills. Required performances will include seasonal concerts, off-campus venues such as church services and community events, festivals, and competitions. Members will be required to audition for the AZMEA regional and All-State choirs, and other regional festivals and competitions, with individual coaching provided by the teacher. The concert attire for Chorale is the same as Concert Choir. An audition is required for admission, and members are required to remain in the Chorale for the full school year. Required rehearsals will be held outside of the normal class day (e.g. before school, after school, during lunch, evening, etc.), but class credit and a grade is earned.

Guitar I**Length:** 1 Semester**Requirements:** 9th-12th Grade Status**Prerequisites:** none

Students will learn beginning guitar skills, including proper hand position, single note melodies, chording, and strumming. Students will use school guitars but will need to purchase books, strings, and picks.

Guitar II**Length:** 1 Semester**Requirements:** 9th-12th Grade Status**Prerequisites:** Guitar I or instructor approval

Students will explore most styles and playing techniques of the guitar: finger style and plectrum, acoustic and electric. Equipment and guitar tech will also be addressed. Once a week students will listen to major players in guitar history. The student will later choose a major player to research and present. Special emphasis will be placed on individual guitar performance and personalized projects while advancing in all fundamentals of Guitar 1. The class will play as a guitar ensemble, and some music theory as applied to guitar will be discussed.

High School Wind Ensemble**Length:** 1 Year**Requirements:** 9th-12th Grade Status**Prerequisites:** Instructor approval/ basic music reading

The wind ensemble is a group of musicians concentrating on the study, preparation, and performance of the various styles of band music from the past and present. The group will perform at required concerts throughout the year. High School Wind Ensemble is a full year course and students are making a full year commitment when enrolling. Overall, the intent of High School Wind Ensemble is for the students to continue to grow in their musicianship, skill, and appreciation for various music styles.

String Ensemble**Length:** 1 Year**Requirements:** 6th-12th Grade Status**Prerequisites:** Instructor approval/ basic music reading

The String Ensemble is a group of musicians concentrating on the study, preparation, and performance of the various styles of string music from the past and present. The group will perform at required concerts throughout the year. String Ensemble is a full year course and students are making a full year commitment when enrolling. Overall, the intent of String Ensemble is for the students to continue to grow in their musicianship, skill, and appreciation for various music styles.

Music Appreciation (*Dual Enrollment Credit Available*)**Length:** 1 Semester**Requirements:** 10th-12th Grade Status**Prerequisites:** none

This course will give students a broad overview of the interesting history of music from the middle ages onward, as well as an introduction to music theory and to the skills of listening to and enjoying music of all historical style periods. This course will also include study in the elements and structure of music, as well as composers, music styles, and music periods for both sacred and secular music. Cost of this course will be determined and assessed by Colorado Christian University and will be *approximately* \$200 per semester, above and beyond SCA tuition, plus book and materials. Students who successfully complete this class can earn three college credits.

Music Theory 1 (*Dual Enrollment Credit Available*)**Length:** 1 Semester**Requirements:** 10th-12th Grade Status**Prerequisites:** Music Appreciation or basic knowledge of music reading

This course is the chronological study of music theory, including harmony, melody, texture, structure, and timbre through analysis and basic exercises to demonstrate musical concepts. Cost of this course will be determined and assessed by Colorado Christian University and will be *approximately* \$200 per semester, above and beyond SCA tuition, plus book and materials. Students who successfully complete this class can earn three college credits.

Drawing I**Length:** 1 Year**Requirements:** 9th-12th grade status**Prerequisite:** none

This course will introduce the student to a wide variety of “drawing” media including charcoal, pencil, colored pencil, oil pastels, pastels, pen and ink, and markers. The first semester will concentrate on the techniques and use, and second semester will focus on using those media for personal expression. The students will be required to create a portfolio and have a showing of their work.

Drawing II**Length:** 1 Year**Requirements:** 10th-12th grade status**Prerequisite:** Drawing I

These drawing classes will be geared toward the future college art student. They will help in the portfolio building process and make sure the student has the technical basics of drawing conquered. The students will be encouraged to take their work to National Portfolio Days to have it critiqued by college representatives. These students will be required to create a portfolio and have a showing of their work.

Painting I**Length:** 1 Year**Requirements:** 9th-12th grade status**Prerequisite:** none

The students will build their skills in the use of watercolor and acrylic paint, pastels, and use of artist markers. This year is characterized by practice. The students learn by observing other artists and then applying the techniques to their own individual expression. Each student will produce a portfolio at the end of the year and show their work.

Painting II**Length:** 1 Year**Requirements:** 10th-12th grade status**Prerequisite:** Painting I

These painting classes will be geared toward the future college art student. They will help in the portfolio building process and make sure the student has the technical basics of painting conquered. The students will be encouraged to take their work to National Portfolio Days to have it critiqued by college representatives. During this year the students will be concentrating on improving their general painting skills. These students will be required to create a portfolio and have a showing of their work.

Sculpture I**Length:** 1 Semester**Requirements:** 9th-12th grade status**Prerequisite:** none

This course will emphasize hand-building techniques in ceramics, basic wheel throwing and general concepts in sculpture. Students will become proficient in basic ceramics concepts; including, but not limited to, pinch, slab, coil and basic wheel throwing techniques. Students will also learn the basics of 3-dimensional art through the medium of sculpture using mixed mediums.

Sculpture II**Length:** 1 Semester**Requirements:** 9th-12th grade status**Prerequisite:** Sculpture I

This course will re-introduce the student to the potter's wheel and emphasize the ability to use the wheel properly. Students will advance their techniques in hand-building and become proficient in wheel throwing. Students will learn basic properties of glazes and basics of kiln firing. Students will advance in their techniques in sculpture of mixed mediums, they will develop in the knowledge and skills of principles within 3-dimensional art.

AP STUDIO ART**Length:** 1 Year**Requirements:** 10th-12th Grade Status & Teacher Portfolio Review**Prerequisite:** Digital Photography I & II, Drawing or Painting I & II, Sculpture I & II, or Graphic Design I & II

This course is designed to offer the experienced art student an advanced study in developing a personal theme in their work or exploring a specific medium to a deeper level. Emphasis will be on experimentation with materials and techniques, investigation of artist, movements and styles throughout history, and strong development of personal artwork inspired by student research. Students will be expected to frequently reflect upon their work; identifying their strengths and limitations in order to direct their work. Students will analyze and critique their own work, the work of their peers and of professional artists. This class is for students that are showing a strong interest in pursuing art colleges or careers in the arts.

Digital Photography I**Length:** 1 Semester**Requirements:** 9th-12th grade status**Prerequisite:** none

This introductory course covers the fundamentals of traditional photography using new Digital SLR cameras. Students learn the functions of the DSLR camera, effective picture-taking techniques through composition, elements and principles of art, aperture, shutter, and lighting. A portfolio of photographs will be developed by the end of the year. The student will learn to use photo editing software. Ethics of photojournalism will be discussed. *Students are required to have a digital camera with 5.0 megapixels or better. A camera that has the flexibility of manual settings is preferred.*

Digital Photography II**Length:** 1 Semester**Requirements:** 9th-12th grade status**Prerequisites:** Digital Photography I

This course will take the knowledge and skills learned in Digital Photography I and use thematic-based projects to elevate their observation and photography skills. Students will learn advanced techniques in using studio and natural light in portrait photography and observing their environment to capture aesthetically beautiful photographs. We will also delve into using Photoshop to manipulate multiple photographs to create unique works of art.

MATHEMATICS

Mathematics expresses God's creation in its absoluteness. Integrating the Bible with the school's mathematics curriculum demonstrates to students God's orderliness, precision, dependability, infinitude, and systematic character. It maintains rigid and exacting regulations, which show God's perfect order. Mathematics proclaims that God is unchangeable.

Helping our students see the manifestation of God in mathematics will give them the opportunity to maximize their God-given potential as they engage in lives which require reasoning, logic, problem-solving, and critical thinking skills. The study and understanding of mathematics should result in a greater appreciation of God and His works in creation. "Jesus Christ is the same yesterday and today and forever." Hebrews 13:8; "So teach us to number our days that we may get a heart of wisdom." Psalm 90:12

Middle School Courses

MS Math 6

Length: 1 Year

The sixth grade mathematics course is designed to give students a firm foundation through the use of logical thinking and effective communicating. There is an emphasis on number patterns in algebra, probability, graphs, equations, percentages, measurement and geometry. Students use hands-on materials to learn concepts and participate in activities that show math connections to their everyday lives. Basic operational skills with fractions and decimals are reinforced, while operations with integers are introduced. These concepts are assessed all year through direct instruction, warm-ups, individual and group practice, in class examples, quizzes and tests. Math content includes Biblical integration to lay a foundation for an understanding of God as ordered and precise in His creation.

MS Math 7

Length: 1 Year

Math 7 continues to build understanding in the areas of number sense, data analysis, probability, geometry, measurement, and problem solving. Proportional thinking is emphasized through the application of ratio, rate, percent, and similar geometric figures. Algebra topics include integers, variable expressions, equations, inequalities, and graphics. Math content is designed to reinforce Biblical integration of God as the greatest mathematician.

MS Pre-Algebra 7/8

Length: 1 Year

Pre-Algebra has the goal of having students' master algebraic and geometric skills and preparing them for the study of Algebra I. The course content includes topics such as fractions, decimals, rational numbers, integers, percent, ratios, proportions, geometry, measurement, data analysis, probability, and problem solving. Evaluating and simplifying algebraic expressions and solving linear equations have increased emphasis. Geometric concepts include perimeter, area, surface area, volume, polygons, symmetry, transformations, and the Pythagorean Theorem. Students in the advanced course further develop these skills in the study of coordinate geometry.

*High School Courses***Algebra I****Length:** 1 Year**Requirements:** TI-Nspire CX**Prerequisites:** Pre-Algebra

This first year algebra course includes topics such as arithmetic and evaluation of expressions involving signed numbers, exponents and roots, properties of real numbers, equations and inequalities involving absolute value, scientific notation, unit conversions, solution of equations in one unknown and simultaneous equations, polynomials, rational expressions, the Pythagorean theorem, functional notation, solution of quadratic equations by factoring and completing the square, direct and inverse variation, exponential growth, statistics and probability. Geometric topics of perimeter and area of two-dimensional regions, along with surface area and volume of a wide variety of solids, are included in Algebra 1.

Seventh and Eighth graders may take this course upon proper approval and teacher recommendation. It is required that 7th or 8th graders maintain a grade of “B” to complete this course and be promoted to Geometry their freshman year. This course does count toward the high school credit and will be calculating in to the student’s high school GPA.

Honors Algebra I**Length:** 1 Year**Requirements:** Honors Algebra I Readiness Placement Test. Administrative and Instructor Approval. TI-Nspire CX.**Prerequisites:** Pre-Algebra

Placement into this class requires an Honors Algebra readiness test which is administered before May in the Pre-Algebra class. Students must maintain a B or higher to continue at the honors level. Honors Algebra I is an in-depth and conceptually rich course designed to prepare advanced students for the rigor of Algebra. This foundational course includes concepts such as evaluating, solving, and simplifying algebraic expressions, equations and inequalities in real numbers. Students will be able to graph and solve functions and systems of equations, as well as, interpret direct and inverse variations, exponential growth, statistics and probability. Geometric concepts of the Pythagorean Theorem, perimeter and area, along with surface area and volume of solids are included at this level of course work.

Seventh and Eighth graders may take this course upon proper approval and teacher recommendation. It is required that 8th graders maintain a grade of “B” to complete this course and be promoted to Algebra II. This course does count toward the high school credit and will be calculating in to the student’s high school GPA.

Geometry**Length:** 1 Year**Requirements:** TI-Nspire CX & a quality compass.**Prerequisites:** Algebra I

This course is intended for students who seek to understand the practical application of geometry concepts, postulates, and theorems. The course examines inductive and deductive reasoning; congruency and similarity of triangles and other polygons; characteristics of parallel and perpendicular lines, circles and right angles; and relevant problem solving and application of geometric theorems, loci, planar and spatial measurements to real world problems. The graphics calculator and other geometry tools are integrated into this course.

Eighth graders may take this course upon proper approval and teacher recommendation. It is required that 8th graders maintain a grade of “B” to complete this course and be promoted to Algebra II. This course does count toward the high school credit and will be calculating in to the student’s high school GPA.

Honors Geometry**Length:** 1 Year**Requirements:** Placement Test. TI-Nspire CX & a quality compass.**Prerequisites:** Incoming from Honors Algebra I must have a grade of $\geq 85\%$;Incoming from regular Algebra I must have a grade of $\geq 95\%$.

This course is intended for students who seek an advanced understanding of geometry concepts, postulates and theorems. The course examines inductive and deductive reasoning; congruency and similarity of triangles and other polygons; characteristics of parallel and perpendicular lines, circles, and right angles; and problem solving, application of geometric theorems, loci, planar and spatial measurements, and drawings and 3-D modeling to complex problems. The graphics calculator and other geometry tools are extensively used in this course.

Eighth graders may take this course upon proper approval and teacher recommendation. It is required that 8th graders maintain a grade of "B" to complete this course and be promoted to Algebra II. This course does count toward the high school credit and will be calculating in to the student's high school GPA.

Algebra II**Length:** 1 Year**Requirements:** TI-Nspire CX**Prerequisites:** Algebra I and Geometry

Algebra 2 is organized around linear, quadratic, exponential, logarithmic, radical, and rational functions. Students will be able to represent these functions in multiple ways including verbal descriptions, equations, tables, and graphs. In addition to the algebra content, the course will include lessons on probability, data analysis, geometry, and trigonometry. These topics often appear on standardized tests, so maintaining familiarity with them is important.

Eighth graders may take this course upon proper approval and teacher recommendation. It is required that 8th graders maintain a grade of "B" to complete this course and be promoted to Algebra II. This course does count toward the high school credit and will be calculating in to the student's high school GPA.

Honors Algebra II**Length:** 1 Year**Requirements:** Placement Test. TI-Nspire CX**Prerequisites:** Algebra I and Geometry; Incoming from Honors Geometry must have a grade of $\geq 85\%$;Incoming from regular Geometry must have a grade of $\geq 95\%$.

This course is intended for students who seek an advanced understanding of linear, quadratic, exponential, logarithmic, radical, and rational functions. Students will be able to represent these functions in multiple ways including verbal descriptions, equations, tables, and graphs. A marked emphasis of Honors Algebra II will be placed on modeling real-world situations using functions in order to solve problems arising from the above concepts. In addition to the algebra content, the course will include lessons on probability, data analysis, geometry, and trigonometry. These topics often appear on standardized tests, so maintaining familiarity with them is important.

Eighth graders may take this course upon proper approval and teacher recommendation. It is required that 8th graders maintain a grade of "B" to complete this course and be promoted to Algebra II. This course does count toward the high school credit and will be calculating in to the student's high school GPA.

Pre-Calculus**Length:** 1 Year**Requirements:** TI-Nspire CX**Prerequisites:** Algebra II

PreCalculus is a hybrid class designed to be a high school student's fourth year of mathematics, allowing that student to bridge the gap between high school and college-level algebra. This course will integrate what a student has learned from both Algebra II and Geometry. Topics include solving both simple and advanced equations, polynomial, rational, and conic functions and their graphs, exponential and logarithmic equations, trigonometry, systems of equations with matrices, and data analysis. Extensive use of the graphing calculator and practical word problems are also integrated into the class. Due to mandatory hybrid technology requirements, it is mandatory that the student bring a flat-screened electronic device such as a tablet or a computer without a propped up screen that has internet access (no phones) to class each day.

College Algebra (*Dual Enrollment*)**Length:** 1 Year**Requirements:** 12th Grade Status Administrative and Instructor Approval**Prerequisites:** Math Placement Exam

Students will study analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions. Systems of equations, modeling, and solving real world problems will be addressed. Additional topics may include matrices, combinatorics, sequences and series, and conics.

This dual enrollment class is through Colorado Christian University. It meets the requirement for a fourth high school math class while earning 3 college credits. In order to register for the class, students *may* have to pass the placement test given by CCU prior to walk through registration. Cost will be determined and assessed by CCU and will be *approximately* \$200 per semester, above SCA tuition, plus books and materials.

A student may choose to take the course for college credit or chose to take the course as only a high school course.

Honors PreCalculus (*Dual Enrollment*)**Length:** 1 Year**Requirements:** TI-Nspire CX**Prerequisites:** 3.0 wtd GPA. Math Placement Test.

Honors PreCalculus is an advanced, hybrid mathematics course designed to prepare the student for advancement into a college-level Calculus course. This course will integrate what a student has learned from both Algebra II and from Geometry. Topics include solving both simple and advanced equations, polynomial, rational, and conic functions and their graphs, exponential and logarithmic equations, advanced trigonometry, polar equations, systems of equations with matrices, analytic geometry, and data analysis, limits, and intro to derivatives. Extensive use of the graphing calculator and practical word problems are also integrated into the class. Due to mandatory hybrid technology requirements, it is mandatory that the student bring a flat-screened electronic device such as a tablet or a computer without a propped up screen that has internet access (no phones) to class each day.

This course will be taught in conjunction with Grand Canyon University. In order to register for the class, students must have a 3.0 wtd GPA and pass the placement test given by GCU prior to walk-through registration. Cost will be determined and assessed by GCU and will be approximately \$52.50 per credit hour, above SCA tuition, plus books and materials.

Calculus (*non-AP*)**Length:** 1 Year**Requirements:** TI-Nspire CX**Prerequisites:** C or better in PreCalculus OR Honors PreCalculus

This course is designed to teach the foundational "big ideas" of calculus, including limits, derivatives, integrals and applications of each. Students need to have previously taken precalculus with a grade of C or better. While this class will not be paced to cover all of the concepts required for the AP Calculus exam, it will be a good foundation in the fundamental concepts of Calculus for anyone who may be considering the option of taking Calculus in college. The text for the course is Calculus, 9th edition, by Larson and Edwards.

AP Statistics**Length:** 1 Year**Requirements:** 12th Grade Status. Administrative and Instructor Approval**Prerequisites:** TI-Nspire CX

AP Statistics is designed to be equivalent to a semester of introductory college statistics. In this course, students develop strategies for collecting, organizing, analyzing and drawing conclusions from various real-life data sets. Students design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for chance phenomena. Students use the TI-Nspire CX graphing calculator to investigate statistical concepts. To develop effective statistical communication skills, students are required to prepare frequent written and oral analyses using real data. Students are required to take the AP test at a cost of \$95. The test will be administered at SCA.

AP Calculus AB**Length:** 1 Year**Requirements:** Administrative and Instructor Approval**Prerequisites:** Honors PreCalculus

This course is designed to prepare the student for the AP Calculus AB exam, given each year in May. An Advanced Placement (AP) course in Calculus consists of a full high school year of work that is comparable to a semester college Calculus course. It is expected that students who take an AP course in Calculus will seek college credit, college placement, or both, from institutions of higher learning.

AP Calculus AB is primarily concerned with developing students' understanding of the concepts of Calculus and providing experience with its methods and applications. The course emphasizes a multi- representational approach to Calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are important.

Students are required to take the AP test at a cost of \$95. The test will be administered at SCA.

AP Calculus BC**Length:** 1 Year**Requirements:** Administrative and Instructor Approval**Prerequisites:** AP Calculus AB

This course is designed to prepare the student for the AP Calculus BC exam, given each year in May. An Advanced Placement (AP) course in Calculus consists of a full high school year of work that is comparable to a semester college Calculus course. It is expected that students who take an AP course in Calculus will seek college credit, college placement, or both, from institutions of higher learning.

AP Calculus BC is primarily concerned with developing students' understanding of the concepts of Calculus and providing experience with its methods and applications. The course emphasizes a multi- representational approach to Calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are important.

Students are required to take the AP test at a cost of \$95. The test will be administered at SCA.

PHYSICAL EDUCATION

Romans 12:1 states: “I appeal to you therefore, brothers, by the mercies of God, to present your bodies as a living sacrifice, holy and acceptable to God, which is your spiritual worship.” The foundation of Physical Education at Scottsdale Christian Academy is in recognizing that God has entrusted us with our earthly bodies and by developing and training those bodies we are being good stewards and ultimately offering worship to our Lord Jesus Christ. We are committed to training young people to maximize their physical abilities in proportion to how God has designed each one. Through our efforts we strive to help students to understand that developing and utilizing our bodies to the best of our abilities is pleasing to and expected by God.

Finally, at Scottsdale Christian Academy one of our primary objectives is to train students to impact the world for Christ. Within the context of Physical Education we recognize that there are many lessons about the Christian life that can be taught and learned, as is evidenced by the scriptures themselves. I Corinthians 10:24-27, I Timothy 4:7-8 and II Timothy 2:3-13 are passages that specifically reference physical training as metaphors to explain Biblical truths.

Middle School Courses

MS Physical Education 6/7

Length: 1 Semester or 1 Year

Physical education 6/7 is built on the premise that physical education is an education process that seeks to develop competency, understand and commitment in and about health fitness, motor proficiency, and physical movement. Students will show growth in understanding, interpretation, and application of rules and vocabulary in team sports. They will participate and improve skills in a wide variety of both team and individual sports. The focus is built on the premise that physical education is an education process that seeks to develop competency, understanding, and commitment in and about health fitness, motor proficiency and physical movement. Christian education combined with physical education is concerned with the unique development of each student to serve God and others as a member of the Christian community.

MS Physical Education 8

Length: 1 Semester or 1 Year

Physical Education 8 is continued motor skill development, expressive play, health fitness, physical movement concepts, and discipleship in a Christian lifestyle. The students will identify the critical elements of more advanced movement skills and attain increasing competency that better enables participation in team and individual sports. It is a planned program of personal movement experiences that both develop the body and foster intellectual, decisional, and creative growth in harmony with the goals of Christian education.

High School Courses

One credit of physical education is required for graduation from Scottsdale Christian Academy. There are two ways to meet this requirement:

1. The student may enroll in **two semesters** of a Physical Education at Scottsdale Christian Academy.
2. Students may earn a maximum of 1.0 PE credit by participating in 3 seasons for a Scottsdale Christian Academy sports team. Each sports season is worth .33 of a credit. **To earn the credit the student must participate in the full season of a sport (e.g. 1 season of JV football = .33 credit of PE).** Students who participate in more than one sport during a season will still only receive .33 of a credit for that season of sport.

Strength, Speed, and Agility Training

Length: 1 Semester

Requirements: 9th-12th Grade Students

Prerequisites: none

This course is geared toward pushing our varsity athletes to become stronger and faster for their respective sport. Curriculum includes an individual’s growth of strength, speed and agility as knowledge and development of advanced lifting techniques, major muscle groups, nutrition, core work, flexibility, coordination and cardio-respiratory training. This class is designed for the improvement of athletic participation both in and out of season. For safety reasons, class size will be limited.

SCIENCE

The study of science is discovering what God did when He created the universe, everything in it, and the scientific laws He built into His world (Acts 17:28, “In Him we live and move and have our being”). Students will be able to attach biblical meaning and understanding to scientific principles. These biblical truths will place scientific knowledge within the framework of God’s hand in every aspect of their lives. Upon graduation, our students will be able to discern and interpret the world around them as God’s miraculous Creation.

(The heavens are telling of the glory of God; and their expanse is declaring the work of His hands. Psalm 19:1 NASB) (. . . because that which is known about God is evident within them; for God made it evident to them. For since the creation of the world His invisible attributes, His eternal power and divine nature, have been clearly seen, being understood through what has been made, so that they are without excuse. For even though they knew God, they did not honor Him as God or give thanks, but they became futile in their speculations, and their foolish heart was darkened. [Romans](#) 1:19-21 NASB)

Middle School Courses

MS Science 6

Length: 1 Year

This sixth grade science course is designed to develop skills that help students to think like a scientist. Students use the Scientific Method as they participate in hands-on laboratory investigations. Some of the concepts targeted include cell structure, plants, animals, and the human body systems. In addition, students are introduced to Earth Science looking at our atmosphere and water on earth. Incorporating biblical truths helps the student make connections between science and their Christian faith. The students place their scientific knowledge within the framework of God’s perfect creation.

MS Science 7

Length: 1 Year

The seventh grade science course covers geology, ecology, environment and astronomy. This course is taught using an inquiry approach with an emphasis on teaching students to develop critical thinking skill and inquiry stressing hands-on learning in labs and activities. The science content is taught from a biblical creation perspective which reveals God’s wonderful attributes as seen in the intricate and complex design of His universe and everything in it.

MS Science 8

Length: 1 Year

The eighth grade science is an integrated physical with inclusion of biological content. Areas of concentration include cells processes, human genetics and heredity, an introduction to chemistry, force, energy, sound and light. Science is taught using an inquiry approach with an emphasis on teaching students to develop critical thinking skill with in-depth inquiry. There is an emphasis on hands-on learning in labs and activities. All scientific content is covered from a biblical creation perspective which reveals the laws of nature that God established in the complexity of His universe and everything in it.

High School Courses

Biology

Length: 1 Year

Requirements: 9th Grade Status

Prerequisites: none

Biology is the study of living things. The course examines the molecules, cells, organ systems, and genetics of living creatures, and their relationships with each other and their surroundings. Typically, one day a week will be devoted to a lab activity. This course is good preparation for students who do not expect to major in science but who wish to be prepared for one or more required science courses in college, or who might enter a technical career that uses science to help people.

Chemistry

Length: 1 Year

Requirements: 10th Grade Status

Prerequisites: Biology

General Chemistry is a course designed to teach the student the basics of the chemistry of life. It includes an integrative and interactive schedule, where labs are frequently used for learning purposes. Be prepared for the rigors of a math-centered subject and commonplace use of critical thinking skills. This class is the prerequisite for Advanced Placement chemistry and will be beneficial to students looking to enter the medical, nursing and science fields in college. [All sophomores, unless entering SCA as a transfer having already taken chemistry, will be expected to take chemistry.]

Honors Chemistry

Length: 1 Year

Requirements: 10th Grade Status

Prerequisites: Biology

Honors Chemistry is an advanced high school chemistry course. The Honors Chemistry class will move more quickly through foundations of chemistry to allow more time for advanced topics. The topics to be studied include the makeup of matter, the design of atoms, the periodic table, bonding, formulas, reactions, solutions, acids, bases, and several specialized branches of chemistry. Experiments will incorporate problem solving: planning and designing, performance, analysis, and application. Studying God's creation at the atomic and molecular level will reinforce a student's faith and enable him/her to realize the orderliness of all that surrounds us. Our primary goal is two-fold: first, to instill in students a vision of the Creator through observations and study of His creation and, second, to teach them to analyze information in the light of His Word and principles.

Integrated Science

Length: 1 Year

Requirements: 11th-12th Grade Status

Prerequisites: Biology & Chemistry

Integrated Science is a combined study of various areas of the sciences with an emphasis on examining the history of the theory of evolution and its authors/inventors. In this course you will learn to observe, question, formulate and test hypotheses, collect and present data, and finally analyze data. Students will also examine the biblical account of creation, and learn to think critically in the areas of both science and theology. Coursework includes class discussion and debate, reading assignments, essay questions, a research paper, and formal assessments.

Physics**Length:** 1 Year**Requirements:** 11th-12th Grade Status**Prerequisites:** Completion of at least Algebra 1 and Geometry with a grade of B or better in both.

Studies in physics will include the areas of Kinematics (Newton's Laws of Motion), Circular Motion (centripetal force & acceleration), Momentum, Laws of Gravity & Thermodynamics, Light and Optics (mirrors and lenses), Wave Motion, Static Electricity and Basic Electrical Circuits. Prerequisite skills include, but are not limited to success in both algebra and geometry. An emphasis is placed on mathematical understanding of the physics principles presented and problem-solving skills. Coursework includes in-class assignments, homework problems, lab work, and formal assessments. Physics is an essential class for anyone interested in the fields of engineering (mechanical or electrical), architecture, avionics, the space industry, astronomy, and computer technology.

Honors Physics**Length:** 1 Year**Requirements:** 11th-12th Grade Status**Prerequisites:** Completion of at least Algebra 2 with a grade of B+ or higher and a teacher recommendation from previous math and science teachers

Honors physics will cover the same topics as physics, but with a higher level of math and problem-solving. Students signing up for Honors Physics will have completed at least Algebra 2, and will have received a recommendation from their previous math and science teachers. Physics is an essential class for anyone interested in the fields of engineering (mechanical or electrical), architecture, avionics, the space industry, astronomy, and computer technology.

Anatomy and Physiology**Length:** 1 Year**Requirements:** 11th-12th Grade Status**Prerequisites:** Biology & Chemistry

This class is designed to prepare college-bound students who are interested in areas of science, nursing, pre-med, and other health-related careers by providing students with a solid foundation in the sciences. An in-depth study of all human systems structures, and functions through a logical system of observing, researching, questioning, and experimenting will allow students to see the human body as one of the greatest gifts of God. Dissection of cat, sheep organs, and cow organs will be included.

AP Biology**Length:** 1 Year**Requirements:** 11th-12th Grade Status**Prerequisites:** Biology & Chemistry

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes energy and communication, genetics, information transfer, ecology, and interactions. Throughout the year major themes of the biological sciences will be explored which permeate every topic in biology and have great relevance to everyday life, including: biochemistry, pharmacology, cytology, oncology, molecular genetics, evolutionary biology, anatomy/physiology, ecology, animal behavior, neuroscience, heredity, and developmental biology. Students will be expected to work in groups, practice critical thinking, integrate and explore an immense amount of information, and master laboratory techniques Students are required to take the AP test at a cost of \$95. The test will be administered at SCA.

AP Chemistry**Length:** 1 Year**Requirements:** 11th-12th Grade Status**Prerequisites:** Chemistry

Advanced Placement Chemistry is a course designed to further a student's understanding of the chemistry of life through a rigorous college-based approach. The class is designed to mimic a "typical" Chemistry 101 college course. This includes added and advanced usage labs and lab equipment. Advanced Placement Chemistry requires an A in General Chemistry and administrative approval to enter the course. About half the course time will be spent performing college-level chemistry labs. Lab reports and research papers will also be written. Students are required to take the AP test at a cost of \$95. The test will be administered at SCA. The course will be beneficial to those trying to enter the medical field or any scientific/biological field in college.

AP Physics I**Length:** 1 Year**Requirements:** 11th-12th Grade Status**Prerequisites:** Completion of at least Pre-calculus with a grade of A- or better. Recommendation from previous math and science teacher. Some students who have previously been successful at physics may want to consider going on to AP Physics.

AP Physics I will study classical Newtonian Physics as presented by the College Board's curriculum for AP Physics I. The subjects currently covered include Kinematics and Newton's Laws of Motion, Circular Motion and Centripetal Force, Momentum, Torque, Static Electricity and Electrical Circuits. Students taking this class must be mathematically prepared, having achieved an A in at least Pre-Calculus. Students may be concurrently taking AP Calculus, but calculus skills are not required for the AP Physics exam. This course requires both high level math skills and problem-solving skills. Students are required to take the AP test at a cost of \$95. The test will be administered at SCA. Physics is an essential class for anyone interested in the fields of engineering (mechanical or electrical), architecture, avionics, the space industry, astronomy, and computer technology.

Pre-Professional Health**Length:** 1 Year**Requirements:** 12th Grade Status**Prerequisites:** In unison with Human Anatomy and Physiology, and/or teacher recommendation.

This is a science-elective course, designed to prepare students looking to enter medical occupations, including medical school, physical assistant, emergency medical technician, nursing, medical assistant, physical and massage therapy, etc. The course will focus on establishing a solid base of medically-based human biology topics, including infectious disease, epidemiology, microbiology, and human anatomy and physiology. This course is NOT a replacement for Human Anatomy and Physiology, but a focus on disease in the human body. Because of this, it is recommended (but not required) that the student has taken or is enrolled in Human Anatomy and Physiology prior to, or in unison with, this course.

AP Physics II**Length:** 1 Year**Requirements:** 12th Grade Status**Prerequisites:** Completion of AP Physics I with a B or better, and teacher recommendation.

AP Physics II is a continuation of AP Physics I, and together the two courses would be the equivalent of most introductory-level college physics courses. Topics covered in AP Physics II include fluid statics and dynamics, thermodynamics with kinetic theory, PV diagrams and probability, electrostatics and electric circuits with capacitors, magnetic fields, electromagnetism, optics and quantum, atomic and nuclear physics. Students are required to take the AP test at a cost of \$95. The test will be administered at SCA.

SOCIAL STUDIES

For students to reach their God-given potential and for those students to influence the world in a distinctively Christian manner, Biblical truths and Christian principles are the foundation of our social studies instruction. Integrating the Bible with the school's social studies curriculum provides one of the best opportunities to demonstrate that God is sovereign and that no man or nation can overrule Him. God plans the history of nations; He has a purpose in what He does. God's Hand is in the affairs of all people. Through our study of history, government, economics, and geography the primary goal is to produce students that exercise qualities of discerning, involved citizens in their respective communities. (Deuteronomy 7:17-19, Ephesians 6:12, Revelation 15:4, Proverbs 1:7, Ecclesiastes 1:9, Romans 13:1-7)

Middle School Courses

MS Social Studies 6

Length:1 Year

Social Studies 6 is World History with an emphasis on Christian world view. The course begins with Creation and wraps up with an introduction to Industrialism in May. The Bible is the first history book focusing on the fact that God used ordinary people to do extraordinary things for His Kingdom. Frequent discussions include where we, His children, fit into his plan. Empirical geography is another aspect of the curriculum. Through studying, labeling, and creating maps students discover more about their world. Students consider various historical methods, examine the limitations of archaeology, determine how to form valid conclusions based on evidence, and analyze the dangers of historical revisionism. Students practice various note taking methods, as well as organizational, and study skills. One highlight of the year is preparing for and hosting an all-school Renaissance Faire complete with market booths, costumes, and competition in games of skill.

MS Social Studies 7

Length:1 Year

Social Studies 7 is a succinct overview of the major time periods, important people, and events that have been instrumental to our development as a nation. Students will grasp the chronology of American development and be familiar with leadership and direction associated with a timeline of the American experience. Frequent discussions include where we, His children, fit into his plan. Students practice various note taking methods, as well as organizational, and study skills. One highlight of the year is our Civil War Day complete with time period food, costumes, re-enactors, marching, and a cannon battle.

MS US History/Government 8

Length:1 Year

The content of eighth grade Social Studies focuses on American History and Government. The Government portion details the foundations of our government by studying the three branches and participating in activities such as mock trials, passing a bill into a law, and the process of election. The American History section begins with World War II and continues chronologically through the attacks on September 11th. Within each chapter, a significant historical person will be identified and some focus will be given to their life and influence. Throughout this course, students are challenged to identify the Christian, geographical, and economic influences that have impacted our nation and government. In addition, students are given the opportunity to analyze, evaluate and discuss current events. Students are challenged and equipped to develop a Biblical worldview as they evaluate the world and events around them by seeking to view experiences through the lens of Scripture.

MS Honors US History/Government 8**Length:** 1 Year

Attendance, teacher recommendations, grades, and TerraNova scores are considered for placement in this course. Honors US History / Government is designed to parallel the thinking skills, literary analysis, as well as the written and verbal expression skills necessary at the junior and senior level of high school. Emphasis will not only be placed on knowing the main concepts of American History from WWII to the present, as well as the main concepts of the workings of the Federal Government, but on the application and analysis of those concepts to modern American society and the rights and responsibilities of believers in that society.

High School Courses**World History****Length:** 1 Year**Requirements:** 10th Grade Status**Prerequisites:** none

World History is a survey of Western civilization from prehistoric times to World War I and includes physical geography of the time period. History is the study of man's response to the creation and cultural mandates given at creation. Vocabulary – people, places, events, terms – are all important to the study of history and will be included, along with many time management and study skills in the teaching/learning processes in this course. The focus is on the cultures and creeds which form the foundation of Western society. Lessons will be balanced among cultural, political, military, and religious developments. Biblical and church history are included.

AP World History**Length:** 1 Year**Requirements:** 10th Grade Status Administrative and Instructor Approval**Prerequisites:** none

Students must apply for this course. Attendance, grades, and teacher recommendations are considered for placement in class.

AP World History develops greater understanding of the global processes and contacts within different societies over different periods of time, prehistory to present day. This understanding is advanced through a combination of factual knowledge and analytical skills. The course builds and strengthens student skills in the following areas: (1) using arguments to contrast specific, plausible arguments; (2) understanding, interpreting and analyzing information including use of primary source documents; (3) assessing change over time and over different world regions; and (4) understanding the diversity of interpretations. Essay writing will focus on the three formats needed for the AP World History exam in May. Students are required to take the AP test at a cost of \$95. The test will be administered at SCA.

U.S. History**Length:** 1 Year**Requirements:** 11th Grade Status**Prerequisites:** none

U.S. History at the 11th grade level is a survey of our nation's development from the Age of Discovery to the present. Emphasis is placed on the student developing an understanding of the basic principles of American government, economics, social makeup, diplomacy and military experiences of the American people. The class attempts to use American History as the informational base for the development of college-level listening, note taking and reading skills.

U.S. History is taught from a Christian perspective in that the contributions of believing people to our nation's development are highlighted. Major revivals and other social movements in which the church has played an integral part are emphasized, and the influence of Christian principles on the establishment and ongoing functioning of American society is stressed.

AP U.S. History**Length:** 1 Year**Requirements:** 11th Grade Status Administrative and Instructor Approval**Prerequisites:** none

Students must apply for this course. Attendance, grades, and teacher recommendations are considered for placement in class. Advanced Placement U.S. History is a detailed look at our nation's development from discovery to the present. The class will make reading and writing demands on the student that are equivalent to those which would be experienced at the introductory level in college. In evaluating student performance, the emphasis will be placed on the analysis, interpretation, synthesis, and evaluation of data. Students are required to take the AP test at a cost of \$95. The test will be administered at SCA.

American U.S. Government**Length:** 1 Semester**Requirements:** 12th Grade Status**Prerequisites:** none

American Government is a look into our federal government as well as a forum to discuss issues relevant to today's society. The course is intended to equip students to participate in their government by exercising their responsibilities as citizens and to appreciate the benefits of liberty. Students will take on additional responsibility for their own acquisition of knowledge in political – governmental affairs through weekly reports on current events, biography presentations of current important figures in American government by doing “Who Governs and to What Ends” presentations as well as American Common Law by doing multiple legal briefs and accompanying presentations. American Government is taught from a Christian perspective in that the Word of God and the principles of Christianity are shown to be at the root of the Constitution. The course stresses the need for believing people to be active and informed citizens. This course will include a unit on Arizona Government.

AP U.S. Government**Length:** 1 Semester**Requirements:** 12th Grade Status Administrative and Instructor Approval**Prerequisites:** Honors Application. *Attendance, grades, and teacher recommendations are considered for placement in class.*

Advanced Placement U.S. Government is a study of our government and its politics. Students examine the functions of federal, state, and local agencies with respect to the U.S. Constitution, political structures, citizens' liberties, voter participation, interest groups, and media. The class will make reading and writing demands on the student that are equivalent to those which would be experienced at the introductory level in college. Students enrolled in this class are required to take the College Board Advanced Placement (AP) Exam. Exam scores and each college/university will determine eligibility for college credit. Students are required to take the AP test at a cost of \$90. The test will be administered at SCA.

Economics**Length:** 1 Semester**Requirements:** 12th Grade Status**Prerequisites:** none

Economics is a study of the economic system of the United States as well as a review of other economic systems. The course is designed to teach students to be good stewards of the limited resources available in our world today. Students will be taught the fundamentals and benefits of the free enterprise system, current business practices, and personal finance. The primary emphasis of this class is to prepare students for micro- and macro-economics at the college level. The necessity to find the best use for the talents and resources God has supplied us with is at the root of economics. The Biblical mandate for wise stewardship and the necessity for God's people to be both industrious and charitable are emphasized.

World History Themes (*Dual Enrollment*)

Length: 1 Year

Requirements: 11-12th Grade Status

Prerequisites: 3.0 wtd GPA

This course surveys global civilization from Africa and the Americas to Eurasia as an overview of the principal cultural, political, and economic themes that shaped world civilization.

This course will be taught in conjunction with Grand Canyon University. Cost will be determined and assessed by the university and will be approximately \$52.50 per credit hour, above the SCA tuition, plus books and materials.

WORLD LANGUAGE

Scottsdale Christian Academy recognizes that each student is uniquely designed by God to communicate with the Lord as well as with others. The Foreign Languages Program aims to enhance students' usefulness in God's service both in their own community and abroad by giving them valuable cultural perspectives and vocational advantages. Most importantly, the program aims to equip students with communication skills to go out and impact the world for Jesus Christ, making disciples of all nations (Matthew 28:19), knowing that one day every knee will bow and every tongue will confess Jesus Christ is Lord (Philippians 2:10-11).

Middle School Courses

Spanish Introduction 7/8

Length: 1 Semester

Spanish Introduction 7/8 is designed to create and nurture students' enthusiasm for Spanish language and culture and to build second language proficiency. Additionally, students will begin to develop the listening skills, vocabulary, and basic verb conjugation procedures necessary to comprehend and participate in conversational Spanish. Material will be introduced in thematic vocabulary units such as alphabet, greetings, classroom objects and phrases, numbers and calendar dates, telling time, parts of the body, household chores and objects, clothes and colors, free time activities, people and their professions, places, transportation and directions, and food. Integrated into these units are cultural comparisons between our culture and those of the Spanish-speaking world. Students will learn essential phrases and terms in Spanish that are commonly found in both Scripture and everyday prayer. Successful completion of this course will result in a student who is well prepared for Spanish I.

Spanish B 8

Length: 1 Semester

Prerequisite: A grade of C in Spanish A

Spanish B 8 is the second half of High School Spanish I. Only students who took Spanish A 7 and earned a "C" or above will have the opportunity to take Spanish B 8. Students will use the same text and materials as used in Spanish I. Spanish I utilizes multiple oral and written language acquisition techniques to introduce students to the language. Basic grammar structures are taught. Students will formulate and answer questions and compose original dialogues in Spanish. Students learn about the opportunities we have to broaden our ministries for the Lord beyond our own culture while they learn about the culture in Spanish-speaking countries. *Students who complete Spanish A and B will earn high school credit and their grade will be calculated in to the high school GPA.*

Note: Beginning the 2018-2019 school year, Spanish A is no longer offered. Students in middle school who wish to take Spanish can take the full year of Spanish I during their 8th grade year.

High School Courses

Spanish I

Length: 1 Year

Requirements: 8th-12th Grade Status

Prerequisites: recommended Spanish Introduction 7/8

Spanish I utilizes multiple oral and written language acquisition techniques to introduce students to the language. Basic grammar structures will be taught. Students will be able to formulate and answer questions and compose original dialogues in Spanish. Students will learn about the opportunities we have to broaden our ministries for the Lord beyond our own culture while they learn about the culture in Spanish-speaking countries. *Students who complete Spanish I during their 8th grade year will earn high school credit and their grade will be calculated in to the high school GPA.*

Spanish II**Length:** 1 Year**Requirements:** 9th-12th Grade Status**Prerequisites:** Spanish I (C or better)

Spanish II is a high beginning to low intermediate study of the Spanish language and its many cultures. This course builds upon the vocabulary and grammar concepts learned in Spanish I. In the beginning of the course, basic vocabulary and grammar are reviewed before proceeding with the instruction of new concepts in both of these areas. In addition to broadening their knowledge of the Spanish language, students will also gain deeper insight into the many cultures of the Spanish-speaking world. Recognizing that students are uniquely designed to communicate with God, fellowship with each other, and spread the Gospel, this course aims to enhance a student's usefulness in God's service, in addition to improving his/her vocational opportunities.

Spanish III (*Dual Enrollment*)**Length:** 1 Year**Requirements:** 9th-12th Grade Status**Prerequisites:** Spanish I and Spanish II (B or better) Administrative and Instructor Approval

This course is offered as a Dual Enrollment course with Rio Salado Community College. Students who pass the course can receive 8 college credits for SPA 101 and SPA 102 that are easily transferable to many universities and colleges. The course uses a college-level textbook. Spanish III is an intermediate study of Spanish language and its many cultures. In addition to recycling the basic grammar learned in Spanish I and II, new vocabulary and more complex grammatical structures will be learned through thematic units. Emphasis is placed on the four basic skills: speaking, writing, reading, and listening with the goal of improving students' comprehension and expression of opinions and concepts. Students will also continue to learn about various aspects of Spanish-speaking cultures including traditions/customs, nuances and dialectal differences. Recognizing that students are uniquely designed to communicate with God, fellowship with each other, and spread the Gospel, this course aims to enhance a student's usefulness in God's service, in addition to improving his/her vocational opportunities.

Spanish IV (*Dual Enrollment*)**Length:** 1 Year**Requirements:** 9th-12th Grade Status**Prerequisites:** Spanish I, II and III (B or better) Administrative and Instructor Approval

This course is offered as a Dual Enrollment course with Rio Salado Community College. Students who pass the course can receive 8 college credits for SPA 201 and SPA 202 that are easily transferable to many universities and colleges. Spanish IV is a high intermediate to advanced study of the Spanish language and its many cultures. The text used in Spanish IV is a college-level textbook. Spanish IV builds upon the vocabulary and grammar concepts learned in Spanish I, II and III. At the same time, this course allows students to enhance their knowledge of vocabulary and offers opportunities to explore and use more complex grammatical structures. In addition to gaining a deeper understanding of Spanish-speaking cultures, opportunities for advancement in the realms of listening, speaking, reading, and writing will be explored through (but not limited to) the following: compositions, role plays, skits, projects, presentations, and field trips. The continued work on the four basic skills in Spanish IV will enhance not only a student's usefulness in God's service but his/her vocational opportunities as well.

WORLD LANGUAGES ONLINE

Scottsdale Christian Academy utilizes an online program to allow students to expand the world language options that may not otherwise be able to be offered in a traditional classroom. The online world language courses offered directly through SCA are a part of the student's tuition if they are being taken to meet graduation requirements. Please see page iii for further information regarding SCA's online school policies.

French I (online)

Length: 1 Year

Requirements: 10th-12th Grade Status

Prerequisites: Administrative and Instructor Approval

Beginning with learning personal greetings and continuing through practical communications exchanges, French 1B introduces students to the skills necessary to make the most of traveling to French-speaking countries. This introductory course is based on a researched scope and sequence that covers the essential concepts of French. Class discussions provide an opportunity for discourse on specific topics in French. A key support tool is the Audio Recording Tool that enables students to learn a critical skill for French: listening and speaking.

French II (online)

Length: 1 Year

Requirements: 10th-12th Grade Status

Prerequisites: French I (C or better)

As with French 1, this course emphasizes practical communication skills while also building intercultural awareness and sensitivity. Each semester is designed to build on the principles mastered in French 1 and use a combination of online curriculum, electronic learning activities, and supporting interactive activities to fully engage learners. Unit pretests, post-tests, and end-of-semester tests identify strengths and weaknesses, helping to create a more personalized and effective learning experience.

French III (online)

Length: 1 Year

Requirements: 10th-12th Grade Status

Prerequisites: French II (C or better)

Students continue their intermediate study of French with fundamental building blocks in the four key areas of foreign language study: listening comprehension, speaking, reading and writing. The course represents an ideal blend of language learning pedagogy and online learning. Lessons consist of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering major French-speaking countries.

Latin I (online)

Length: 1 Year

Requirements: 10th-12th Grade Status

Prerequisites: Administrative and Instructor Approval

Students begin their introduction to Latin with fundamental building blocks in four key areas of world language study: listening comprehension, speaking, reading and writing. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments where their language progression can be monitored.

Latin II (online)**Length:** 1 Year**Requirements:** 10th-12th Grade Status**Prerequisites:** Latin I (C or better)

Students continue their introduction to Latin with fundamental building blocks in four key areas: listening comprehension, speaking, reading and writing. Since mastering a classical language presents different challenges from learning a spoken world language, students learn Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. Latin II represents an ideal blend of language learning pedagogy and online learning covering significant aspects of Roman culture or their modern day manifestations and assessments.

German I (online)**Length:** 1 Year**Requirements:** 10th-12th Grade Status**Prerequisites:** Administrative and Instructor Approval

German I focuses on communicating basic and practical greetings and personal information in the first semester. Semester two consists of an emphasis on a variety of practice types throughout the remainder of the course. As with all most world language courses, German I address two primary issues: providing a meaningful context that encourages learners to think in the target language as much as possible; and introducing grammatical concepts without over reliance on grammatical analysis.

German II (online)**Length:** 1 Year**Requirements:** 10th-12th Grade Status**Prerequisites:** German I (C or better)

German II taps into learners' latent interest in their cultural past, present, and future. This course employs direct-instruction approaches, including application of the target language through activities. Each unit in the course includes a predefined discussion topic. These discussions provide an opportunity for discourse on specific topics in German. According to *The Economist* and the Census Bureau, German-American is America's largest single ethnic group, with over 46 million Americans claiming German Ancestry.

GENERAL ELECTIVES

Middle School Courses

MS Content Enrichment

Length: 1 Semester or Full Year

Prerequisite: Enrolled in the Pathways Program

This is a part of the Pathways Program. Content Enrichment is designed to teach skills in organization, reading, note taking, test taking, study skills, time management skills, communication and self-advocacy with an emphasis on application of strategies to content areas. The focus of Content Enrichment is on completion of general classroom assignments and re-teaching of key concepts from the general education curriculum.

MS SOAR (Honors Program) 6/7/8

Length: 1 Semester

Attendance, teacher recommendations, grades, and TerraNova scores are considered for placement in this course. Seating will be limited. Middle School Soar offers students who demonstrate previous high achievement in specific areas of strength the opportunity to experience the extended program of studies at greater levels of depth and complexity. The MS Soar elective will be enrichment in nature. It will also offer students an opportunity to develop relationships and collaborate with other high achieving students across the grades.

MS Success 6

Length: 1 Semester

Requirements: *All sixth graders are required to take Middle School Success.*

MS Success is designed to lay a solid foundation which will enable the students to navigate middle school successfully. Key focus areas will be study and organization skills, leadership skills, basic life skills, and what God's Word says about success.

MS Journalism 7/8

Length: 1 Semester

Requirement: 7th-8th Grade Status

Middle School Journalism class provides students the opportunity to develop and create a school-wide newsletter or blog and add content to the high school yearbook. By working cooperatively, students will develop an appreciation of working together to achieve shared goals. Students will create, research, and schedule to ensure that their publication is credible, relevant, grammatically correct, and printed in a timely manner.

High School Courses

HS Content Enrichment

Length: 1 Semester or Full Year

Requirements: 9th-12th Grade Status

Prerequisites: Pathways Program

Content Enrichment is designed to teach skills in organization, reading, note taking, test taking, study skills, time management skills, communication and self-advocacy with an emphasis on application of strategies to content areas. The focus of Content Enrichment is on completion of general classroom assignments and re-teaching of key concepts from the general education curriculum.

HS Broadcasting**Length:** Full year**Requirements:** 10th-12th Grade Status**Prerequisites:** Digital Film 1

In this class the student will learn production preparation, film lighting, sound, camera work, special effects, music and sound effects, become proficient in film editing and write broadcast scripts. The student may film daily video announcements, sporting events, Fine Arts presentations, entertainment programs, and informative programming highlighting the Christian perspective, educational and human interest in the SCA community. Meets the speech requirement for graduation.

General Psychology (*Dual Enrollment*)**Length:** 1 Semester**Requirements:** 11th-12th Grade Status**Prerequisites:** For Dual Enrollment: 3.0 wtd GPA

This class is an introduction to psychology, designed to introduce students to the major theoretical orientations of psychology. Topics covered will include social psychology, development, learning, perception, personality, psychological disorders, and other related materials. These psychological concepts will study with the intent of helping students learn how these concepts can be integrated with a Christian world-view.

This class will be taught in conjunction with Grand Canyon University. Successful completion of this class will earn a student 0.5 general elective credit for high school, and 4 college credits through GCU. Cost will be determined and assessed by the university and will be approximately \$52.50 per credit hour, above and beyond SCA tuition, plus books and materials.

A student may choose to take the course for college credit or chose to take the course as only a high school course.

HS Leadership**Length:** 1 Semester**Requirements:** 9th-12th Grade Status**Prerequisites:** none

This course provides opportunities to study, practice and develop group and individual leadership and organizational skills. These skills include decision-making skills, problem-solving techniques, communication skills, leadership roles, human relation skills and understanding the need for civic responsibility. Students enrolled in the course will apply these skills in dealing with peers, school administration and the community. This course is available to all high school students. The course can be customized to meet the needs of a Student Government, but is also adaptable to a broader student population.

HS Speech**Length:** 1 Semester**Requirements:** 11th-12th Grade Status**Prerequisites:** For Dual Enrollment: 3.0 wtd GPA

Public speaking and confidence in verbal interaction is a vital skill for Christian communicators in academic as well as business settings. Understanding the process of communication, establishing credibility, analyzing audiences and adapting accordingly are important factors in learning to become an effective speaker. Students will write and present various types of speeches in class as well as study historically recognized public speakers and well-known speeches of American culture. Interviewing and Resumes will also be included for valuable training in real world environments students will encounter in their careers ahead.

This class will be taught in conjunction with Grand Canyon University. Successful completion of this class will earn a student 0.5 general elective credit for high school, and 4 college credits through CCU. Cost will be determined and assessed by the university and will be approximately \$52.50 per credit hour, above and beyond SCA tuition, plus books and materials.

A student may choose to take the course for college credit or chose to take the course as only a high school course.

HS Study Hall**Length:** 1 Semester or 1 Year**Prerequisites:** 5 core classes or Admin approval

Study Hall is intended to meet the needs of students who seek a quiet environment in which to individually complete assignments. Students are expected to arrive in class with work to complete, a book to read, or some other appropriate individual activity to do. Students are required to bring their materials for homework and will not be given passes to go to their lockers. Study Hall is not an appropriate place for students to complete work of a “group” or “partner” nature. This is a pass/fail class and not calculated into the GPA.

HS Teacher’s Assistant**Length:** 1 Semester or 1 Year**Requirements:** 11th-12th Grade Status Administration Approval**Prerequisites:** none

Students are involved in SCA academic life by aiding a teacher or staff member. Various teachers and offices make use of student TAs who make a significant impact in the life of Scottsdale Christian Academy. A TA position is also an opportunity for a student to mentor younger students or explore the possibility of a career in education. Students serving in a TA position are required to work, follow instructions, and aid the teacher or office staff as directed. This is not a study hall.

HS Yearbook**Length:** One full year commitment is expected**Requirements:** 10th-12th Grade Status**Prerequisites:** none

This course is designed to teach students the journalism fundamentals necessary to produce a school yearbook. Students will learn about theme, design, captions, copy, and photography. Students will be given assignments that are necessary for the completion of a yearbook. It is required that students own or have access to a camera. **Successful completion of this class fulfills the second half of Computers requirement.**

Personal Finance**Requirements:** 9th-12th Grade Status**Prerequisites:** none

A survey of financial management methods for individuals and households, with emphasis upon Christian stewardship principles. Topics include: financial planning and goal setting, budgeting, income tax preparation, banking and credit, savings and investment, giving, major purchase evaluation, home ownership, the necessary lines of insurance, retirement planning, and personal financial software.

This class will be taught in conjunction with Arizona Christian University. Successful completion of this class (BUS 232) will earn a student 0.5 general elective credit for high school, and 3 college credits through ACU. Cost will be determined and assessed by the university and will be approximately \$200 per semester, above and beyond SCA tuition, plus books and materials. *Students who sign up for this class are expected to take the course for college credit. Therefore, they should be prepared to timely pay the ACU fee. In addition to the ACU fee, the student is expected to purchase the correct version of the text, additional reading material, and have access to a laptop that has Microsoft Excel on it. Please note this class will be taught at a college level, using the college syllabus, and thus students should be prepared to apply themselves as such.*