

# Middle & High School

## Course Descriptions

2021-2022



SCOTTSDALE CHRISTIAN ACADEMY

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# I. ACADEMIC PROGRAM

## 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 Academic Advisement Department. Also see Dropping or Adding a Class in this book.**
-  Assistance from the Academic Advisor always is available. Contact the Academic Advisement Department to make an appointment.

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## SCOTTSDALE CHRISTIAN ACADEMY EXPECTED STUDENT OUTCOMES

### Spiritual

SP1. Students will love God with all their hearts, souls, minds, and strength.

SP2. Students will live lives driven by Gospel-centered discipleship.

SP3. Students will honor and respect the Bible as God’s authoritative Word.

SP4. Students will be equipped to use their knowledge and understanding of God’s Word to articulate and defend their faith and their Christian worldview.

SP5. Students will embody His heart of servant leadership both locally and globally to serve humanity as Jesus commanded.

SP6. Students will use one’s individual giftedness to seek out and serve in those areas in which they are gifted.



### Academic

A1. Students will have a dedication for intellectual inquiry and committed to lifelong learning.

A2. Students will reason wisely, listen carefully, think precisely, and articulate persuasively.

A3. Students will develop skills to question, investigate, problem solve and make wise decisions.

A4. Students will have a comprehensive command of the fundamental processes used in communicating with others (speaking, listening, writing, reading, and performing).

A5. Students will use technology to communicate and find, analyze, and evaluate information in a God-honoring manner.

A6. Students will be equipped to make wise, life-defining choices, regarding their individual college, career, and life calling.



### Social

SC1. Students will serve compassionately with actions that recognize everyone is uniquely created in the image of God and is loved by God and therefore of great worth.

SC2. Students will be able to communicate and collaborate effectively.

SC3. Students will be able to resolve conflict with biblical principles and integrity.

SC4. Students will effectively evaluate current issues and be able to engage persons of opposing perspectives or worldviews in a Christlike manner.

SC5. Students will be willing to take on challenges and persevere despite obstacles/failures.

SC6. Students will have a mindset of stewardship regarding resources, relationships, and opportunities which God has entrusted to them.



## Scottsdale Christian Academy Diplomas

Ten (10) hours of Ministry/Community Service and one SCA mission trip per year are required for graduation.

### **Honors**

#### **27 Total Credits**

- 3.5 cumulative GPA
- At least three honors classes with a B- or better both semesters
- Additional credit in either History, Science, Math (5<sup>th</sup> credit), or World Language (4<sup>th</sup> credit)

#### **Core Classes:**

Bible (4 credits)

English (4 credits)

Mathematics (4 credits)

Science (3 credits)

History (3 credits)

World Language (3 credits of the same language)

#### **Required Elective Classes:**

Computers (1 credit)

Fine Arts (1 credit)

Physical Education (1 credit)

Communications (.5 credit)

Additional Electives (1.5 credits)

Additional Academic Course (1 credit)

### **University Prep**

#### **26 Total Credits**

#### **Core Classes:**

Bible (4 credits)

English (4 credits)

Mathematics (4 credits)

Science (3 credits)

History (3 credits)

World Language (2 credits of the same language)

#### **Elective Classes:**

Computers (1 credit)

Fine Arts (1 credit)

Physical Education (1 credit)

Communications (.5 credit)

Additional Electives (2.5 credits)

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

## Graduation Requirements

Subject	University Prep Diploma Credits Required	Honors Diploma Credits Required
Bible	4	4
English	4	4
Math	4	4
Science	3	3
History	3	3
World Language (same language)	2	<u>3</u>
Communications	0.5	0.5
PE (or 3 seasons of an SCA sport)	1	1
Computers	1	1
Fine Arts	1	1
Other Electives	2.5	1.5
Additional Academic Course	N/A	<u>1</u>
<b>TOTAL CREDITS REQUIRED</b>	<b>26</b>	<b>27</b>

Ten (10) hours of Ministry/Community Service and one SCA mission trip per year are required for graduation.

### Honors Diploma Criteria

- Additional credit in either History, Science, Mathematics (5<sup>th</sup> credit), or World Language (4<sup>th</sup> credit)
- Three Credits of the *same* World Language
- Three honors (or AP) courses with semester grades of B- or better for both semesters
- Cumulative Weighted GPA of 3.5 or better

### Ways to meet SCA Communications requirement

- 0.5 credit Communications course
- 1 full year of Broadcasting course
- Earn 4 units of activity in a combination of SCA Concert Choir and SCA Theater productions
  - 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 solo

## SCA GRADING SYSTEM

Grades are given on a four-point scale, with the exception of the AP classes, 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 Classes)	Weighted GPA Equivalents (AP and Honors* 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

\*Honors courses include Honors English I, Honors English II, Honors Biology, Honors Chemistry, Honors Algebra I, Honors Algebra II, Honors Geometry, Honors Precalculus.

## 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 school has begun, schedule changes will only be made at the discretion of the Academic Advisor and/or the Principal, in accordance with the following schedule:

### Schedule for Dropping a Class

- Weeks 1-2: A class may be dropped without penalty by the end of the second week of each semester, if approved by advisor. A new class or study hall will be assigned, if available. 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 or 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 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 may be granted only for seniors who are seniors who (a) are gainfully employed or (b) need to take a particular, approved (by SCA) 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. For (a) above, it must include verification of employment (e.g. paystub). The form is available in the High School Office. The request may include an agreement regarding the method by which the necessary enrollment or employment will be documented. If the documentation is not submitted as agreed upon, the student may 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. **Please note, there is no discount to SCA tuition for an approved early release.**



## SUMMER SCHOOL, CORRESPONDENCE SCHOOLS, AND ONLINE SCHOOLS

Courses required for graduation may **ONLY** be taken through SCA or an approved online program, unless a schedule conflict makes the course unavailable to the student during the regular school day or unless the student must repeat a 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.

**If a course is repeated at SCA or outside of SCA to raise a grade, the original grade and the repeated grade will both appear on the transcript, and both will be included in the GPA (thus, mathematically the average of the grades, though both will be shown). All classes repeated, outside of SCA, must be pre-approved by the SCA guidance department, prior to taking the class, and will be reflected on the transcript as a non-SCA class.**

SCA may 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 any non-SCA program must receive prior written approval from their Academic Advisor.

## ONLINE WORLD LANGUAGE POLICY

If a student chooses to take a world language not offered at Scottsdale Christian Academy the student must receive prior permission from their academic advisor and the cost of the course will be assumed by the family.

## COMMUNICATIONS GRADUATION REQUIREMENT

Scottsdale Christian Academy requires every student to earn 0.5 credit in Communications for graduation. There are several ways for a student to meet that requirement: (a) successfully complete the 1-semester HS Communications class, (b) earn four units of activity in a combination of SCA Concert Choir and SCA Theater productions, or (c) successfully complete 2-semesters of Broadcasting.

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

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## **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, and Maricopa Community Colleges.

### **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. Only courses required for graduation will be added to the SCA transcript.

### ***Maricopa Community College Offerings***

*The Maricopa Community Colleges offer a wide-array of on-site and online 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 by 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 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.

### 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 year, above SCA tuition, plus books and materials.*

	Course Title	Course Description
<b>MAT 111</b>	College Algebra <b>3 Credits</b>	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.

### 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, above SCA tuition, plus books and materials.*

	Course Title	Course Description
<b>ENG 101</b>	First Year Composition <b>3 Credits</b>	Emphasis on rhetoric and composition with a focus on expository writing and understanding writing as a process. Establishing effective college-level writing strategies through four or more writing projects comprising at least 3,000 words in total.
<b>ENG 102</b>	First Year Composition <b>3 Credits</b>	Emphasis on rhetoric and composition with a focus on persuasive, research-based writing and understanding writing as a process. Developing advanced college-level writing strategies through three or more writing projects comprising at least 4,000 words in total.
<b>HIS 110</b>	World History to 1500 <b>3 Credits</b>	Survey of the economic, social, cultural, and political elements of world history from the beginning of human civilization to 1500 A.D. Emphasis placed on examining the elements that contributed to the development of ancient civilizations, comparisons between cultures, and the study of the Byzantine Empire, early Christianity, and the origins and rapid spread of Islam.
<b>HIS 111</b>	World History 1500-Present <b>3 Credits</b>	Survey of the economic, social, cultural, and political elements of world history from 1500 A.D. to the present. Emphasis placed on modern social, religious, and political movements that are present in today's society. Students will delve deeper into the subject matter and learn to compose critical analysis of historical developments using a variety of essay formats.
<b>SPA 101</b>	Elementary Spanish I <b>4 Credits</b>	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.
<b>SPA 102</b>	Elementary Spanish II <b>4 Credits</b>	
<b>SPA 201</b>	Intermediate Spanish I <b>4 Credits</b>	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

<b>SPA 202</b>	Intermediate Spanish II <b>4 Credits</b>	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.
<b>SPA 225</b>	Intermediate Spanish III <b>3 Credits</b>	Continued study of vocabulary, sentence structures, and cultural awareness necessary to improve speaking and listening skills in Spanish. Emphasis on fluency and accuracy in spoken Spanish.
<b>SPA 226</b>	Intermediate Spanish IV <b>3 Credits</b>	Continued study of vocabulary, sentence structures, and cultural awareness necessary to improve speaking and listening skills in increasingly complex Spanish. Emphasis on fluency and moderate accuracy in spoken Spanish.

## MS COURSES TYPICALLY TAKEN AT EACH GRADE LEVEL

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

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

<sup>1</sup>See Math Sequence page in the Course Description Book for details.

<sup>2</sup>Middle School Success is a REQUIRED elective for all 6<sup>th</sup> grade students.

<sup>3</sup>One year of PE is REQUIRED during Middle School.

## HS COURSES TYPICALLY TAKEN AT EACH GRADE LEVEL

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

<sup>H</sup> 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.

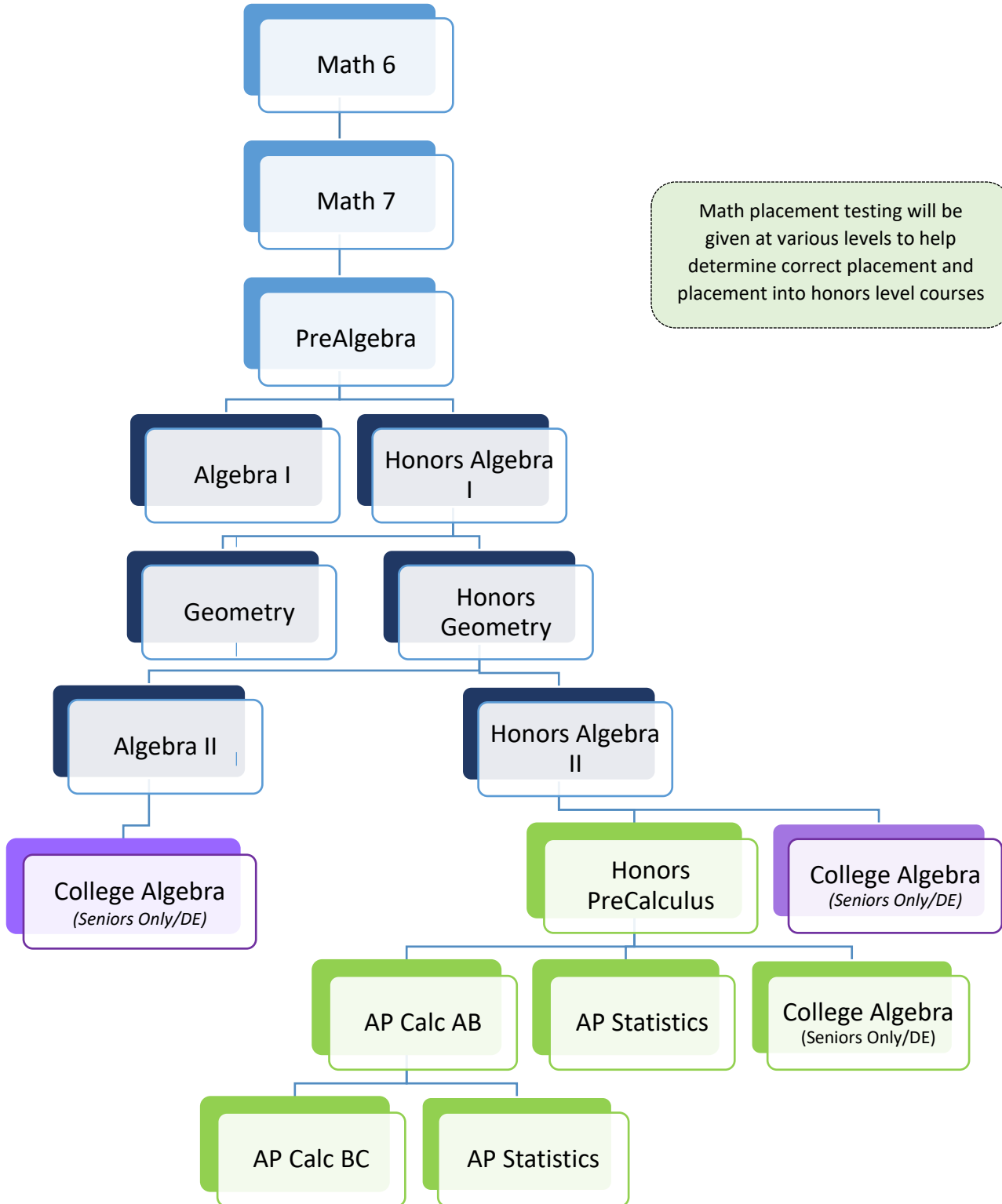
<sup>1</sup> See Math Sequence page in the Course Description Book for details.

<sup>2</sup> See policy regarding completion of the PE requirement in the Course Description Book.

<sup>3</sup> 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**



## II. COURSE DESCRIPTIONS

### BIBLE

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 1<sup>st</sup> semester classes focus upon Bible study skills and the 2<sup>nd</sup> 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:** 1Year

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:** 1Year

##### ***Spiritual Formation***

Bible 8 provides a year-long focus on personal spiritual formation. The first semester guides students through the Wisdom books of Psalms, Proverbs, and Ecclesiastes to discover the nature of our relationship with our Creator, and how we can faithfully walk with Him. The second semester is geared toward practical life application as students prepare to begin their high school journey.



## High School Courses

### Bible I

**Length:** Two 1-Semester Courses

**Requirements:** 9<sup>th</sup> Grade Status

**Bible 101:** The Bible is the “true story” for the entire world, the unfailing Word of God, and the Book of Life. It is also an ancient text that can often be difficult to understand. In this course students will learn about the nature of the Bible, how it was created, how to approach and read the various literary forms in Scripture, why the Bible is trustworthy, and how we can find our place within the biblical narrative.

**Theology 101:** Within Biblical study, a student must first learn to look at individual passages. Yet each passage must also be examined considering 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.

### Bible II

**Length:** Two 1-Semester Courses

**Requirement:** 10<sup>th</sup> Grade Status

**The Life of Christ:** This course will immerse students in the life of Christ as told through the Gospels. Throughout the semester the class will work through the different elements of Jesus’ life: his birth, his teachings, his signs, his encounters, his disciples, his death, and his resurrection. Further, students will learn about the harmony and validity of the four Gospels while examining various critiques and challenges of the texts.

**World Religions:** 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. The class will overview the other predominant global religions of: Islam, Hinduism, Buddhism, and Judaism. Further, various false Christian sects will be examined in contrast to historical Christian beliefs.

### Bible III

**Length:** Two 1-Semester Courses

**Requirement:** 11<sup>th</sup> Grade Status

**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-Semester Courses

**Requirement:** 12<sup>th</sup> Grade Status

**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.

## 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 meet the academic criteria, 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 Iowa Flex test 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

**Requirement:** 9<sup>th</sup> Grade Status

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

**Requirement:** 9<sup>th</sup> Grade Status

**Prerequisite:** 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

**Requirement:** 10<sup>th</sup> Grade Status

**Prerequisite:** 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

**Requirement:** 10<sup>th</sup> 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**Requirement:** 11<sup>th</sup> 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**Requirement:** 11<sup>th</sup> 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 \$95.*** The test will be administered at SCA.

**English IV****Length:** 1 Year**Requirement:** 12<sup>th</sup> 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.

**ENG 101/ENG 102 (Dual Enrollment)****First Year Composition****Length:** 1 Year**Requirement:** 12<sup>th</sup> Grade Status**Prerequisites:** 2.75 GPA & Placement Test

This college level course emphasizes rhetoric and composition and understanding writing as a process overall, with a focus on expository writing in the first semester and a focus on persuasive, research-based writing in the second semester. Students will establish and develop effective, advanced college-level writing strategies through seven or more writing projects comprising at least 3,000-4,000 words in total.

**AP English Literature IV****Length:** 1 Year**Requirement:** 12<sup>th</sup> Grade Status**Prerequisite:** 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 exam at an approximate cost of \$95.*** The test will be administered at SCA.

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## 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

**Requirement:** 6<sup>th</sup>-8<sup>th</sup> 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 Piano**

**Length:** 1 Semester or 1 Year

**Requirement:** 6<sup>th</sup>-8<sup>th</sup> Grade Status

This course is designed for students who wish to develop basic piano playing skills, or those who wish to expand on their existing skills. Time in class will be spent both on and off the keyboards. While playing, students will be working individually and in small groups to master the techniques of playing and learning pieces. Time will also be spent on group instruction, musical notation, and theory. The nature of this class requires individual responsibility. When asked to practice on their own, students are expected to use their time wisely and effectively.

#### **MS Band**

**Length:** 1 Year

**Requirement:** 6<sup>th</sup>-8<sup>th</sup> Grade Status

**Corequisite:** Fall semester Marching Band

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.

#### **Marching Band** (*PE Credit Approved*)

**Length:** 1 Year

**Requirement:** 6<sup>th</sup>-12<sup>th</sup> Grade Status

**Co-requisite:** Enrolled concurrently in MS Band or HS Wind Ensemble

Students enrolled in this course will be members of the SCA Marching Band. This band will represent SCA in a variety of venues, including athletic events, spirit assemblies, competitions, and more. This course is a zero period class.

**String Ensemble****Length:** 1 Year**Requirement:** 6<sup>th</sup>-12<sup>th</sup> Grade Status**Prerequisite:** 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**Requirement:** 6<sup>th</sup>-8<sup>th</sup> 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**Requirement:** 6<sup>th</sup>-8<sup>th</sup> 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.

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## High School Courses

### VOCAL ENSEMBLES

*When making course selections, students may indicate their choir preference, but final placement in Chorale is determined by the teacher. A simple vocal interview will be conducted for placement. In 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 purchase concert attire, participate in all performances (several per year), and commit to remaining in the choir for the entire school year.*

#### Concert Choir

**Length:** 1 Year

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisite:** 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

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisites:** Also in Concert Choir/ Audition required

SCA Chorale is a smaller, select vocal ensemble consisting of advanced singers already enrolled in Concert Choir. Chorale focuses 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.

#### Piano

**Length:** 1 Year

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

This course is designed for students who wish to develop basic piano playing skills, or those who wish to expand on their existing skills. Time in class will be spent both on and off the keyboards. While playing, students will be working individually and in small groups to master the techniques of playing and learning pieces. Time will also be spent on group instruction, musical notation, and theory. The nature of this class requires individual responsibility. When asked to practice on their own, students are expected to use their time wisely and effectively.

#### High School Wind Ensemble

**Length:** 1 Year

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisites:** Instructor approval/ basic music reading

**Corequisite:** Fall semester Marching Band

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**Requirement:** 6<sup>th</sup>-12<sup>th</sup> 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.

**Marching Band (PE Credit Approved)****Length:** 1 Year**Requirement:** 6<sup>th</sup>-12<sup>th</sup> Grade Status**Co-requisite:** Enrolled concurrently in MS Band or HS Wind Ensemble

Students enrolled in this course will be members of the SCA Marching Band. This band will represent SCA in a variety of venues, including athletic events, spirit assemblies, competitions, and more. This course is a zero period class.

**Integrated Art****Length:** 1 Year**Requirement:** 9<sup>th</sup>-12<sup>th</sup> grade status

Integrated Art is a survey course designed to introduce the students to multiple areas of two and three-dimensional art. Students will learn the building blocks of composition and design, as they experiment and grow in skill with each medium in the differing disciplines. The course includes a small amount of Art History and also introduces students to modern artists working in the media they will be using. This course is not meant to be an in-depth study of any one area, but instead give students a broad overview of what it means to be an artist.

**2-D Design Portfolio Prep****Length:** 1 Year**Requirements:** 9<sup>th</sup>-12<sup>th</sup> grade status**Prerequisite:** Teacher Approval

2-D Design Portfolio Prep is a year-long course designed to allow the student to gain knowledge and understanding while spending time in the studio preparing for a future in the AP Studio Art course. These courses culminate in the final product of an AP 2-D Design Portfolio that will be submitted to the College Board. 2-D Design Portfolio Prep is not an AP course, but provides necessary foundation for the student to be equipped to take the AP Studio Art course.

**AP Studio Art****Length:** 1 Year**Requirements:** 10<sup>th</sup>-12<sup>th</sup> Grade Status & Teacher Portfolio Review**Prerequisite:** Teacher Approval

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. ***Students are required to submit an AP portfolio at an approximate cost of \$95.***

**Digital Photography****Length:** 1 Year**Requirement:** 9<sup>th</sup>-12<sup>th</sup> grade status

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.*

**2-D Design Portfolio Prep****Length:** 1 Year**Requirements:** 9<sup>th</sup>-12<sup>th</sup> grade status**Prerequisite:** Teacher Approval

2-D Design Portfolio Prep is a year-long course designed to allow the student to gain knowledge and understanding while spending time in the studio preparing for a future in the AP Studio Art course. These courses culminate in the final product of an AP 2-D Design Portfolio that will be submitted to the College Board. 2-D Design Portfolio Prep is not an AP course, but provides necessary foundation for the student to be equipped to take the AP Studio Art course.

## 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:** 1Year

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:** 1Year

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:** 1Year

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.

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## High School Courses

### Algebra I

**Length:** 1 Year

**Requirements:** TI-Nspire CX

**Prerequisite:** 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.

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 Geometry their freshman year. This course does count toward high school credit and will be calculated into 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.

**Prerequisite:** Pre-Algebra

*Placement into this class requires an Honors Algebra readiness test which is administered 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 7<sup>th</sup> or 8<sup>th</sup> graders maintain a grade of "B" to complete this course and be promoted to Honors Algebra II. This course does count toward high school credit and will be calculated into the student's high school GPA.

### Geometry

**Length:** 1 Year

**Requirements:** TI-Nspire CX & a quality compass.

**Prerequisite:** 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.

### 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 B or better; Incoming from regular Algebra I must have a grade of A- or better.

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 Honors Algebra II. ***This course does count toward high school credit and will be calculated into 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.

### Honors Algebra

**Length:** 1 Year

**Requirements:** Placement Test. TI-Nspire CX

**Prerequisites:** Honors Algebra 1 and Geometry/Honors Geometry; Honors Algebra I must have a grade of B or better.

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 high school credit and will be calculated into the student's high school GPA.***

**MAT 111 (Dual Enrollment)****College Algebra****Length:** 1 Year**Requirements:** 12<sup>th</sup> Grade Status

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. Cost will be determined and assessed by CCU and will be *approximately* \$250 per year, above SCA tuition, plus books and materials.

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

**Honors Pre-Calculus****Length:** 1 Year**Requirement:** TI-Nspire CX**Prerequisites:** Algebra II or Honors Algebra II

Honors Pre-Calculus 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.

**AP Statistics****Length:** 1 Year**Requirements:** Instructor Approval**Prerequisite:** 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 exam at an approximate 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 exam at an approximate 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 exam at an approximate 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. ***One year (or two semesters) of Physical Education is required for both middle school and high school students.***

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

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Students

Strength, Speed and Agility (SSA) is designed to provide students with overall general fitness and focuses on students becoming stronger and faster. Regardless of whether or not the student participates in athletics, SSA is an ideal way for students to remain physically fit. Two semesters of this course will allow students to meet their Physical Education requirement for graduation. Curriculum includes knowledge of proper lifting techniques, major muscle groups, nutrition, strength training, core work, flexibility, and cardiorespiratory training. This class is excellent for the student looking to gain knowledge in staying physically fit for life and/or to prepare a student-athlete for their season.

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## 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.

#### **Honors Science 8**

**Length:** 1 Year

*Attendance, teacher recommendations, grades, and Iowa Flex test scores are considered for placement in this course.* Honors Science 8 is designed for the student with an interest in a science career pathway. Students who take this course typically have strong math and reading skills. Students will learn to communicate their thoughts, use appropriate scientific language, and demonstrate understanding of science process skills and procedures. What they learn in this course will deepen their conceptual understanding of science and prepare them for high school and beyond.

## **High School Courses**

### **Biology**

**Length:** 1 Year

**Requirement:** 9<sup>th</sup> Grade Status

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. Lab activities will be dispersed throughout the curriculum. This course allows students to establish a foundation that will help prepare them for upcoming required science courses in high school, college, and/or potentially a technical career that uses science to help people.

### **Honors Biology**

**Length:** 1 Year

**Requirement:** 9<sup>th</sup> Grade

Honors Biology is an advanced high school biology course. The Honors Biology class will move more quickly through foundations of biology to allow more time for advanced topics. The topics to be studied include biological principals (characteristics of life, properties of water, macromolecules, etc.), cells, cellular processes, ecology, molecular and mendelian genetics, and intelligent design vs. evolution. Students will participate in labs and activities that will help them problem solve and practically apply the content to which they are studying. Since Biology is the study of living things, this course is truly a study of God's creation. The main goal of this course is for students to gain a greater appreciation and understanding of the biological processes and life that is around them. While also obtaining insight into its incredible complexity, which points us to our Creator. While this course is scientific in nature, it is also intended to help them shape their Christian worldview while critically examining biological life

### **Chemistry**

**Length:** 1 Year

**Requirement:** 10<sup>th</sup> Grade Status

**Prerequisite:** 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

**Requirement:** 10<sup>th</sup> Grade Status

**Prerequisite:** 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.

**Forensic Science****Length:** 1 Year**Requirement:** 11<sup>th</sup>-12<sup>th</sup> Grade Status**Prerequisite:** Biology & Chemistry

Forensic Science is a class that will use the rules of scientific investigation to examine crimes and crime scenes for analysis and conclusions. It will emphasize critical thinking and problem solving through the use of real-world forensic science methodologies. Crime scene analysis will include examination of ballistics, weapon analysis, rules and procedures for investigation of crimes and crime scenes. Methodologies must include 1) observations 2) hypotheses 3) collecting and classifying data 4) testing hypotheses and 5) formulating conclusions. In addition, the rules and procedures of Forensic Science will be applied to historic crimes, such as the assassinations of JFK, RFK, and others.

**AP Physics I****Length:** 1 Year**Requirements:** 11<sup>th</sup>-12<sup>th</sup> 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. 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. **Students are required to take the AP exam at an approximate cost of \$95.** The test will be administered at SCA.

**Anatomy and Physiology****Length:** 1 Year**Requirements:** 11<sup>th</sup>-12<sup>th</sup> 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 Physics II****Length:** 1 Year**Requirements:** 12<sup>th</sup> Grade Status**Prerequisites:** Completion of AP Physics 1 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 exam at an approximate cost of \$95.** The test will be administered at SCA.

## HISTORY

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 history instruction. Integrating the Bible with the school's history 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 History 6**

**Length:** 1 Year

History 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 History 7**

**Length:** 1 Year

History 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 history 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 11<sup>th</sup>. 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 Iowa Flex test scores are considered for placement in this course.* Honors US History/Government is designed to parallel the thinking skills, literary analysis, and 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, and 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.

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## High School Courses

### World History

**Length:** 1 Year

**Requirement:** 10<sup>th</sup> Grade Status

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.

### HIS 110/111 (Dual Enrollment)

#### World History to 1500/ World History 1500-Present

**Length:** 1 Year

**Requirement:** 10<sup>th</sup> Grade Status

This course is a survey of economic, social, cultural, and political elements of world history from the beginning of human civilization to the present. Emphasis in the first semester is placed on examining the elements that contributed to the development of ancient civilizations, comparisons between cultures, and the study of the Byzantine Empire, early Christianity, and the origins and rapid spread of Islam. The second semester emphasizes modern social, religious, and political movements that are present in today's society. Students will delve deeper into the subject matter and learn to compose critical analysis of historical developments using a variety of essay formats.

### AP World History

**Length:** 1 Year

**Requirement:** Incoming from Honors English I must have a grade of B or better; Incoming from regular English I must have a grade of A- or better.

**Co-requisite:** Honors English II strongly recommended

*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 exam at an approximate cost of \$95.** The test will be administered at SCA.

### U.S. History

**Length:** 1 Year

**Requirement:** 11<sup>th</sup> Grade Status

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:** 11<sup>th</sup> Grade Status, Teacher Recommendation

*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 place 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 exam at an approximate cost of \$95.*** The test will be administered at SCA.

**American U.S. Government****Length:** 1 Semester**Requirement:** 12<sup>th</sup> Grade Status

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, and 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:** 12<sup>th</sup> Grade Status, Teacher Recommendation

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 place reading and writing demands on the student that are equivalent to those which would be experienced at the introductory level in college. ***Students are required to take the AP exam at an approximate cost of \$95.*** The test will be administered at SCA.

**Economics****Length:** 1 Semester**Requirement:** 12<sup>th</sup> Grade Status

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.

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## TECHNOLOGY

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 HUB Elective**

**Length:** 1 Semester

Students will work in the SCA Innovation and Creation HUB in this course. The purpose of this course is to become familiar with the engineering design process, introduction to robotics, 3-D printing, and other technology. Space is limited to approximately 10 students per class.



## High School Courses

### Computer Applications

**Length:** 1 Year

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

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.

### Computer Science

**Length:** 1 Year

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisite:** Computer Applications

The Computer Science course is taught in the Innovation & Creation HUB and will be an introduction to computer programming. Using the Carnegie Mellon University CS Academy curriculum, students will learn to create graphics and animations using Python, an easy-to-learn but powerful programming language. Additionally, students will explore programming for video games, robotics, 3D printing, and drones.

### Digital Filmmaking

**Length:** 1 Year

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisite:** Computer Applications

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

**Length:** 1 Year

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisite:** Computer Applications

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.

**Applied Engineering**

**Length:** 1 Year

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisite:** Computer Applications

The Applied Engineering course is taught in the Innovation & Creation HUB and will explore the application of engineering principals and technologies to solve problems. Students will explore engineering technologies, such as robotics, drones, coding, and hardware.

## 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 World Language 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*

#### **Introduction to Spanish 7/8**

**Length:** 1 Semester

**Requirement:** 7<sup>th</sup> or 8<sup>th</sup> Grade Status

**Prerequisite:** None

Introduction to Spanish 7/8 is designed to build a solid foundation for second language proficiency. Students will develop the listening, vocabulary, and basic verb conjugation skills necessary for beginning conversational Spanish and translation of short paragraphs with present tense verbs. Material will be introduced in both written and spoken thematic vocabulary units, with cultural studies centered on holidays celebrated in Spanish-speaking countries. The Lord's Prayer and our school verse will be memorized in Spanish. While many of the topics are covered more thoroughly in Spanish I, daily memorization and consistent practice will jump-start students' success in this and future language classes.

#### **Spanish I**

**Length:** 1 Year

**Requirement:** 8<sup>th</sup>-12<sup>th</sup> Grade Status

Spanish I teaches multiple oral and written language acquisition techniques, including basic vocabulary and grammar structures, via state-of-the-art online curriculum, incorporating a language lab experience for the student. Daily use of the language lab components will ensure a higher-level proficiency. Students are required to have a computer for this course. Memorization of the Lord's Prayer plus several "gospel points" will be required, skills which will enable students to interact with others while on mission and beyond. Students will be introduced to the colorful and varied culture of several countries in which Spanish is the primary language. ***Students who complete Spanish I during their 8<sup>th</sup> grade year will earn high school credit, and their grade will be calculated into their high school GPA.***

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## High School Courses

### Spanish I

**Length:** 1 Year

**Requirement:** 8<sup>th</sup>-12<sup>th</sup> Grade Status

Spanish I teaches multiple oral and written language acquisition techniques, including basic vocabulary and grammar structures, via state-of-the-art online curriculum, incorporating a language lab experience for the student. Daily use of the language lab components will ensure a higher-level proficiency. Students are required to have a computer for this course. Memorization of the Lord's Prayer plus several "gospel points" will be required, skills which will enable students to interact with others while on mission and beyond. Students will be introduced to the colorful and varied culture of several countries in which Spanish is the primary language. ***Students who complete Spanish I during their 8<sup>th</sup> grade year will earn high school credit, and their grade will be calculated into their high school GPA.***

### Spanish II

**Length:** 1 Year

**Requirements:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisite:** Spanish I

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, via state-of-the-art online curriculum, incorporating a language lab experience for the student. Students are required to have a computer for this course. Students will record conversations and practice listening skills on a regular basis with an emphasis on perfecting their communication skills. They will recognize that they 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

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisites:** Spanish I and Spanish II (B or better), Teacher Recommendation

This course is offered as a Dual Enrollment course with Rio Salado Community College. Students who pass the course receive eight college credits for SPA 101 and SPA 102 that are easily transferable to many universities and colleges. 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 four basic skills: speaking, writing, reading, and listening, with the goal of improving students' comprehension and expression of opinions and concepts. This course requires a computer or mobile device daily. Students are able to access curriculum from anywhere in the world. Students will continue to learn about various aspects of Spanish-speaking cultures, including customs/traditions, nuances, and dialectal differences.

### Spanish IV (Dual Enrollment)

**Length:** 1 Year

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisites:** Spanish I, II and III (B or better), Teacher Recommendation

This course is offered as a Dual Enrollment course with Rio Salado Community College. Students who pass the course receive eight 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.

**Spanish V** (*Dual Enrollment*)**Length:** 1 Year**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status**Prerequisites:** Spanish I, II and III (B or better), Teacher Recommendation

This course is offered as a Dual Enrollment course with Rio Salado Community College. Students who pass the course receive six college credits for SPA 225 and SPA 226 that are easily transferable to many universities and colleges. Focus will be on the continued study of vocabulary, sentence structures, and cultural awareness necessary to improve speaking and listening skills in Spanish. Emphasis on fluency and accuracy in spoken Spanish.

## 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. Content Enrichment focuses on general education classroom support through targeted instruction on key concepts in the general education curriculum.

#### **MS SOAR (Honors Program) 6/7/8**

**Length:** 1 Semester

*Attendance, teacher recommendations, grades, and Iowa Flex test 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/Creative Writing**

**Length:** 1 Semester

**Requirement:** 7<sup>th</sup> or 8<sup>th</sup> Grade Status

In this course, students will be reading literature as a prompt for creative writing. Narrative stories will be the goal, while students understand and create characters, plot, contrast, imagery, description, theme, and dialogue. Part of the writing will be solo, and then students will branch out with a peer to create stories with more depth. Toward the end of the semester, the focus will be on journalism, as students research events on campus and take photos of those events. Students will become aware of stylistic changes between MLA grammar rules and AP rules. Students will walk away from the course stronger in sentence structure and work meanings, having created stories and reported news as experienced on SCA's campus.

## High School Courses

### HS Content Enrichment

**Length:** 1 Semester or Full Year

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

**Prerequisite:** 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. Content Enrichment focuses on general education classroom support through targeted instruction on key concepts in the general education curriculum.

### HS Broadcasting

**Length:** Full year

**Requirements:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

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 and educational and human interest in the SCA community. Meets the Communications requirement for graduation.

### HS Leadership

**Length:** 1 Year

**Requirements:** Member of Student Government

This course is for elected members of Student Government and is a Pass/Fail course. Students are provided opportunities to study, practice, and develop group and individual leadership and organizational skills. These skills include decision-making, problem-solving, communication, leadership, human relations, and understanding the need for civic responsibility. Students enrolled in the course will apply these skills in working with peers, school administration, and the community.

### HS Spiritual Life

**Length:** Full Year

**Requirement:** 11<sup>th</sup>-12<sup>th</sup> Grade Status, Instructor Approval

This course provides opportunities for students to study, practice, and develop leadership skills in the area of spiritual life. Students will play an integral part in planning and conducting MS and HS Chapels throughout the year, as well as, leading HS Small Groups. Overall emphasis will be placed on mentoring peers in their spiritual walk. Students will complete an application and go through an interview process, prior to instructor approval.

### HS Communications

**Length:** 1 Semester

**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

Effective communication is a vital skill for students' current and future academic, social, and career pursuits. To minimize the fear of public speaking by understanding and practice, students will be exposed to a variety of applications for fostering poise and dynamic delivery. A logical, rhetorical approach, examined through the works of ancient and modern orators, authors, and linguists, will be compared to the master communicator, Jesus Christ. Impromptu and prepared speech practice will culminate in a Capstone Project of a speech that is written, delivered, and recorded on campus.

**HS Study Hall****Length:** 1 Semester or 1 Year**Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

Study Hall is intended to meet the needs of students who seek a quiet environment 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, **NON-CREDIT** class and not calculated into the GPA.

**HS Teacher’s Assistant****Length:** 1 Semester or 1 Year**Requirements:** 11<sup>th</sup>-12<sup>th</sup> Grade Status**Prerequisites:** Academic Advisor Approval

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.

**MS/HS Yearbook****Length:** 1 Year**Requirements:** 8<sup>th</sup>-12<sup>th</sup> Grade Status

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 as a high school student fulfills the Computers requirement.**

**Personal Finance****Requirement:** 9<sup>th</sup>-12<sup>th</sup> Grade Status

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.