

**Scottsdale Christian Academy
Junior/Senior High School**

*SCA Mission
Statement*

*Our mission is to
produce students who
love the Lord Jesus
Christ with all their
heart, mind and soul,
love their neighbor as
themselves and
demonstrate academic
excellence.*

Matthew 22:37-39

SCA Vision

*Our vision is to
develop lifelong
learners who walk
with Jesus.*

**COURSE
DESCRIPTION
BOOK**



2008-2009

Scottsdale Christian Academy Junior/Senior High School



*“For I know the plans I have for you,”
declares the Lord, “plans to prosper you and not to
harm you, plans to give you hope and a future.”*

The Vision of the Guidance Counseling Department
*is to help students grow into mature Godly adults by guiding them in the
area of decision making, social and personal adjustment, and academic
growth.*

Lynne Petrucci, M.Ed.
Principal

Robert Fredericks, M.A.
Assistant Principal

Jeannine Graden, M.S.
7th-9th Grade Guidance Counselor – Ext. 1150

Debbie Jensen, M.A.
10th-12th Grade Guidance Counselor – Ext. 1147

Table of Contents

Introductory Information

Curriculum Vision Statement	Page i
Steps in Choosing Student Course Selections	Page ii
Grading System	Page ii
Summer, Correspondence and On-Line Courses	Page ii
Diploma Options for the Class of 2009	Page iii
Diploma Options Starting with the Class of 2010	Page iv
Graduation Requirements and University Admissions Standards	Page v
Course Requirements by Grade Level	Page vi

Course Descriptions

Applied Arts	Page 1
Biblical Studies	Page 3
English	Page 6
Fine Arts	Page 9
Foreign Language	Page 14
General Electives	Page 16
Mathematics	Page 19
On-Line Courses	Page 21
Physical Education	Page 24
Science	Page 25
Social Studies	Page 26

Curriculum Vision Statement

Scottsdale Christian Academy is an evangelical Christian school focused on providing a quality spiritual, academic and extracurricular education to its students.

Daily Bible-based Christian studies classes, weekly chapels, missions development programs, spiritual retreats, and other related activities are all part of a comprehensive plan for spiritual growth for our students. Biblical truths are a part of all academic disciplines at SCA. We seek to equip students with a Biblically-based worldview.

We help students acquire the skills and attitudes necessary to be lifelong learners who can achieve their educational potential. Classes are taught with the college-bound student in mind. Students with professionally diagnosed, mild learning differences will be assessed by the administration, guidance department and resource teacher to determine if SCA can provide an appropriate education for that student.

SCA provides opportunities to participate in a quality extracurricular program that includes mission activities, band, choir, drama, athletics and various clubs.

Steps in Choosing Student Course Selections

- Give serious and prayerful consideration in choosing elective and alternative course selections.
- Enter requests through RenWeb.
- Students requesting a course that requires an application will receive an application from the office. All deadlines must be met to be considered for the course.

Note – The final master schedule of classes is determined by need based upon student selections. A student will receive a schedule for both semesters before school starts. **Student schedule changes will not be allowed except in the most extreme circumstances for either semester.**

Assistance from the Guidance Counselors is available during school hours. Contact them directly to make an appointment.

Grading System

Grades are given on a four-point scale with the exception of the AP and accelerated eleventh and twelfth grade classes which are weighted on a five-point scale. Our grading scale is:

90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
0 - 59	F

Summer School, Correspondence Schools, and On-Line Schools

Courses required for graduation may only be taken at SCA unless a schedule conflict makes the course unavailable to the student during the regular school day or unless remediating a failing grade. Students desiring to take elective classes not offered at SCA may do so with approval of their Guidance Counselor.

Scottsdale Christian Academy may offer a limited number of classes in summer school. You may contact the public school district office you reside in to gain information on their summer school program.

SCA will accept up to three make-up credits (six semesters) from an accredited summer school or correspondence school, or on-line school. **Students who wish to enroll in a summer correspondence, or on-line class must receive prior, written approval from their Guidance Counselor.**

Scottsdale Christian Academy Diplomas

For the Class of 2009

Note: 18 hours Ministry/Community service required per year for all diplomas.

College Prep~

24 Total Credits

Bible (4 credits)

English (4 credits)

English I-IV

Speech/Teen

Leadership (.5 credit)

Social Studies (3 cred.)

World History
U.S. History
Government/Economics
(includes AZ History)

Science (2/3 credits)

Biology, Con. Physics,
Chemistry

Mathematics (2/3 cred)

Algebra 1, Algebra 2
Geometry

Fine Arts (1 credit)

Art, Choir, Theatre, Band,
Production Tech.

Physical Education

(1 credit)

Foreign Language

(1 credit)

Spanish I

Sign Language I

Computer Science

(1 credit)

Electives (3.5 credits)

*~Administrative approval needed
for College Prep Diploma. Must
take a combination of two math and
two science credits plus one more
math or science course for a total
of 5 credits.*

University Prep

25 Total Credits

Bible (4 credits)

English (4 credits)

English I
Eng. II or PreAP Eng. II
Eng. III or AP Eng. III
Eng. IV, AP Eng. IV or
College English

Speech/Teen

Leadership (.5 credit)

Social Studies (3 cred.)

World History or Honors
World History
US Hist. or APUS Hist.
Government/Economics
(includes AZ History)

Science (3 credits)

Biology, Conceptual Physics,
Chemistry

Mathematics

(4 credits)

Algebra 1, 2

Geometry

PreCal, College Calculus

Fine Arts (1 credit)

Art, Choir, Theatre, Band,
Production Tech.

Physical Education

(1 credit)

Foreign Language

(2 credits)

Sign Language I, II, III

Spanish I, II, III, IV

Computer Science

(1 credit)

Electives (1.5 credits)

Honors

26 Total Credits

*3.5 GPA, "B" or better both
semesters in at least two courses
with an *, and a fourth year of
science or social studies.*

Bible (4 credits)

English (4 credits)

English I
Eng. II or PreAP Eng. II*
Eng. III or AP Eng. III*
Eng. IV, AP Eng. IV*,
or College English

Speech/Teen

Leadership (.5 credit)

Social Studies (3/4 cred.)

Hon.* or World History
U.S. Hist or APUSHist*
Government/Economics
(includes AZ History)
Western Civilization

Science (3/4 credits)

Biology, Con. Physics, Chemistry
Anatomy/Physiology
Physics II*

Mathematics (4 cred.)

Algebra 1, 2

Geometry

PreCalculus*, College Calculus*

Fine Arts (1 credit)

Art, Choir, Theatre, Band,
Production Tech.

Physical Education

(1 credit)

Foreign Language (2 credits)

Sign Language I, II, III*

Spanish I, II, III*, IV*

Computer Science

(1 credit)

Electives (1.5 credits)

Scottsdale Christian Academy Diplomas

Starting with the Class of 2010

Note: 18 hours Ministry/Community service required per year for all diplomas and one out-of-town mission trip is required for both diplomas.

College/University Prep

27 Total Credits

Bible (4 credits)

Bible 9, 10, 11, 12

English (4 credits)

English I or Honors English I
English II or PreAP English II
English III or AP English III
English IV, AP English IV or
College English

Speech/Teen Leadership (.5 credit)

Social Studies (3 credits)

World History or Honors
World History
US History or AP US History
Government/Economics
(includes AZ History)

Science (3 credits)

Biology, Conceptual Physics,
Chemistry

Mathematics

(4 credits)

Algebra 1, 2
Geometry
PreCalculus, College Calculus

Fine Arts (1 credit)

Art, Choir, Theatre, Band,
Production Tech.

Physical Education (1 credit)

Foreign Language (2 credits)

Sign Language I, II, III
Spanish I, II, III, IV

Computer Science (1 credit)

Electives (3.5 credits)

Honors

28 Total Credits

*3.5 GPA, at least three honors classes with a B or better both semesters (honors classes are indicated with an *), and a fourth year of science or social studies.*

Bible (4 credits)

Bible 9, 10, 11, 12

English (4 credits)

English I or Honors English I
English II or PreAP English II*
English III or AP English III*
English IV, AP English IV*
or College English

Speech/Teen Leadership (.5 credit)

Social Studies (3 or 4 credits)

Honors World History* or World History
U.S. History or AP US History*
Government/Economics (includes AZ History)
Western Civilization

Science (3 or 4 credits)

Biology, Conceptual Physics, Chemistry
Anatomy/Physiology
Physics II*

Mathematics (4 credits)

Algebra 1, 2
Geometry
PreCalculus, College Calculus*

Fine Arts (1 credit)

Art, Choir, Theatre, Band, Production Tech.

Physical Education (1 credit)

Foreign Language (3 credits)

Sign Language I, II, III*
Spanish I, II, III*, IV*

Computer Science (1 credit)

Electives (2.5 credits)

Graduation Requirements and University Admissions Standards

The following displays the course requirements for a University Prep Diploma as well as the recommendations for preparation for college admission. Students should carefully examine the specific requirements and recommendations found in current college catalogs and on specific college websites. As in all academic programs, students should pursue electives of their choice and gain leadership experience in extra curricular activities as well as community service.

Subject	SCA's University Prep Diploma	In-State University	Private College	Highly Selective University
English	4 Credits	4 Credits	4 Credits	4 Credits
Social Studies	3 Credits (World History, US History, Government/Econ)	2 Credits (US History, one other)	1 or 2 Credits	3 Credits
Math	4 Credits	4 Credits (Algebra 1, Geometry, Algebra 2, one other for which Algebra 2 is prerequisite)	2 or 3 Credits	4 Credits
Science	3 Credits	3 Credits	2 Credits	4 Credits
Foreign Language	2 Credits	2 Credits	2 Credits	3-4 Credits
Fine Arts	1 Credit	1 Credit		
PE	1 Credit			
Speech	½ Credit			
Computers	1 Credit			
Electives	1.5 Credits			

Students are assured admission to state universities if they rank in the top 25% of their class, or score a 22 on the ACT, or score 1040 on the SAT, or have a 3.0 GPA in the 16 core subjects listed above. Students may be accepted with one deficiency.

SCOTTSDALE CHRISTIAN ACADEMY

COURSE REQUIREMENTS* BY GRADE LEVEL

7TH GRADE

1. Bible
2. English
3. World Geography and US History
4. Life Science
5. Math 7 or Pre Algebra
6. PE
7. Option A, B, or C
- A. Exploratories: 9 weeks each of Drama, Keyboarding, Spanish, and Study Skills
- B. Choir: all year
- C. Band: all year

8TH GRADE

1. Bible
2. English or Honors English
3. US History and US/AZ Government
4. Earth Science
5. PreAlgebra or Algebra 1
6. Spanish (1 semester), PE (1 semester)
7. Option A, B, C, or D
- A. Exploratories: 9 weeks each of Art, Drama, Music Appreciation, Literature & Creative Writing
- B. One Semester of Computer I and 2 of the 9 weeks exploratories
- C. Choir: all year
- D. Band: all year

9TH GRADE

1. Bible
2. Algebra 1 or Geometry
3. Biology
4. English I or Honors English I
5. Physical Education
6. Spanish I or Sign Language I
7. Elective

10TH GRADE

1. Bible
2. Geometry or Algebra 2
3. Conceptual Physics
4. English II or PreAP English II
5. Spanish II or Sign Language II
6. World History or Honors World History
7. Elective

11TH GRADE

1. Bible
2. Algebra 2 or PreCalculus
3. Chemistry
4. English III or AP English III
5. U.S. History or AP U.S. History
6. Elective
7. Elective

12TH GRADE

1. Bible
2. PreCalculus or College Calculus
3. English IV, AP English or College English
4. American Government and Economics
5. Elective
6. Elective
7. Elective

*These are the course requirements for a University Prep Diploma.

APPLIED ARTS

Study Skills

9 weeks

Prerequisite

7th Grade Status

Knowing that proper study skills are very important to the success of junior and senior high school students, seventh graders will be taught such things as organizational skills, note taking, the art of listening, how to read a textbook, reviewing techniques, and test taking strategies.

animation, sound, integrated Office data, etc. In addition, students will become familiar with the concept of Web authoring and publishing and associated Web features through the creation of Web documents and electronic graphical presentations created with Word® and PowerPoint® respectively. Students will also be encouraged to continue to develop a mastery of essential keyboarding skills.

Introduction to Computers

9 weeks

Prerequisite

7th Grade Status

This course will assist students in acquiring:

- A.) A mastery of essential keyboarding skills with an emphasis on touch typing of alpha-numeric keys and symbols. Students will be expected to complete this class demonstrating Scottsdale Christian Academy's required **Keyboarding Skill** – a typing proficiency of 30 words per minute with 98% accuracy.
- B.) A working knowledge of essential computer-related practices, terminology, and commands and methodologies as they pertain to the use of computer technology and the current Microsoft® Windows® operating system, Internet Explorer® and Office Suite® software products.

Computer II

1 Semester

Prerequisite

Computer I
9th-12th Grade Status

This class will provide a comprehensive introduction to the spreadsheet, database management, camera-ready publishing, and personal information management capabilities as afforded by the Microsoft® Office Suite® via the Microsoft Excel®, Access®, Publisher®, and Outlook® software products. Using Excel®, students will learn how to create, format, and edit spreadsheets and charts, as well as publish these items as static or dynamic Web documents. Basic database creation and management will be taught via Access®. A brief introduction will be afforded to the desktop publishing features and user interface of Publisher®. An emphasis upon organization of schedules and contacts will be taught using Outlook®.

Computer I

1 Semester

Prerequisite

Keyboarding Skill
8th-12th 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® and PowerPoint® 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

Windows®-Based Web Page Design 1 Semester
Prerequisites Computer I
9th–12th Grade Status

This class will provide a comprehensive introduction to Windows®-based programming using the current version of Microsoft® Visual Basic®. Classroom instruction and projects will enable students to:

- A) Gain an understanding of basic concepts and methods of object-oriented programming (OOP).
- B) Gain an understanding of the “fundamentals” of the Microsoft® Visual Basic® programming system.
- C) Learn a typical step-by-step process for building Windows®-based software applications in a graphical environment.
- D) Learn how to distribute and install user-defined executable software applications.

Windows®-Based Programming 1 Semester
Prerequisites Computer I
9th–12th Grade Status

This class will provide a comprehensive introduction to Windows®-based programming using the current version of Microsoft® Visual Basic®. Classroom instruction and projects will enable students to:

- A) Gain an understanding of basic concepts and methods of object-oriented programming (OOP).
- B) Gain an understanding of the “fundamentals” of the Microsoft® Visual Basic® programming system.
- C) Learn a typical step-by-step process for building Windows® software applications in a graphical environment.
- D) Learn how to distribute and install user-defined executable software applications.

BIBLICAL STUDIES

SCA desires to provide opportunities for students to express faith in and to *“love the Lord your God with all of your heart, and with all your soul, and with all your mind, and with all your strength,”* as well as to *“love your neighbor as yourself.”* (Mark 12:30-31)

18 hours of Ministry/Community service are required for all students.
One out-of-town mission trip required (beginning with class of 2010.)

Bible 7: Christian Character 1 Year
Prerequisite 7th Grade Status

Character does matter! The first semester of this course has been designed to help students focus on the development of 15 Biblically admirable character traits. Each week students will consider a different character trait, study positive and negative Bible examples, define the traits, and learn how to apply traits to mold students into the image of Christian character.

Building on the foundation of the defined character traits, second semester presents an in-depth scriptural study of 15 Old and New Testament characters. Using both positive and negative examples, students learn from the context of the individual’s life how to face both the challenges of every day living and the challenges of overwhelming experiences. The emphasis extends beyond surviving to thriving in the midst of obstacles so as to be “more than conquerors through Him who loved us.” Romans 3:37

Bible 8: Survey of Old Testament 1 Year
Prerequisite 8th Grade Status

Eighth grade students will be presented with an overview of the Old Testament. The major theme of God’s plan for the salvation of humankind through the work of the Messiah will be emphasized along with the lessons learned through the cycles of obedience and rebellion of the nation of Israel. The focus will be on moving students from Scriptural truths to life action in areas that are common to 8th graders.

Bible 9: Survey of New Testament 1 Year
Prerequisite 9th Grade Status

Ninth grade students will study the Life of Christ from the prophecies that foretold his coming to his miraculous birth, life on earth, sacrifice, and resurrection. The focus will be on using Jesus as the role model for living a life dedicated to God and others.

Continuing the miraculous story of Jesus’ resurrection, 9th grade students will study how God used everyday people to establish His church on earth. Emphasis will be placed on the book of Acts, letters, and Revelation. Students will be challenged to surrender to the transformation that the Holy Spirit provides all people in Christ into God’s likeness in every increasing measure.

Bible 10: Systematic Theology 1 Year
Prerequisite 10th Grade Status

This course is designed to give students a systematic study of Bible doctrines including the Bible, God, Jesus, the Holy Spirit, man, sin, salvation, angels, the church, and last things. A study of the book of Romans will be used as a backdrop for the course. This course will help students be confident and ready to present Biblical beliefs intelligently and effectively to others.

Biblical Leadership 1 Semester
Prerequisite 11th Grade Status

The goal of this study is to teach the student to become a person of Biblical influence. Students will study:

- Characteristics and qualities of a Biblical leader by looking at the life of Nehemiah.
- Jesus as our servant leader role model (Mark 10:44-45).
- Various leaders throughout Scripture.

Students will be given the opportunity to apply these traits to their personal lives.

Christian Ethics 1 Semester
Prerequisite 11th Grade Status

This course will examine a variety of topics and issues such as poverty, violence, racism, sexual issues, and others, moving past public opinion of Christian convictions that help students interpret them in the context of the post modern world in which we live. Class discussion is an important element of this course.

Introduction to World Missions Spring Semester
Prerequisites 11th Grade Status
Instructor Approval

Introduction to World Missions is a course designed to give students the opportunity to learn about missions and the role each believer plays in the body of Christ to fulfill the Great Commission of Matthew 28:19-20. This course will look at the biblical, historical, strategic, and cultural dimensions of missions. Students will be given opportunities to explore their own interests in missions by researching and participating in a variety of different types of mission activities. This course will be both academic and practical in nature.

Leadership, Ministry & Worship Team Fall Sem.
Prerequisites 11th Grade Status
Instructor Approval

This course is designed for students who want to be actively involved in ministry by serving on the Chapel, Worship, or Leadership Teams. Characteristics of godly leaders and how to live out a life of servant leadership will be explored. This course will also allow the student to critique their own leadership abilities and styles and to develop their natural and acquired skills as well as their spiritual gifts. Students will be expected to be involved with some aspect of spiritual leadership on the campus of SCA. Students on the Worship Team for the first time are required to take this course. Weekly outside rehearsals may be required.

Passion & Power in Prayer 1 Semester
Prerequisite 11th Grade Status

This course is designed to help the students improve their prayer life and deepen their understanding of prayer. Students will learn how to use biblical prayers and how to pray Scripture back to the Lord. Other topics to be covered include definition of prayer, elements of prayer, getting answers to prayer, and developing a personal devotional life.

World Religions 1 Semester
Prerequisite 11th Grade Status

Students will explore the history, cultural values, food, music, and art of Islam, Hinduism, Buddhism, Judaism and their various sects that spring forth from these religions of self effort. In turn, they will subjugate each of these world religions to the truth of Biblical Christianity, therefore, preparing oneself for not only living in our global community, but fulfilling the Great Commission. The course will respond to these four religions in pursuit of Christ as the only one who came in grace and truth and by whom mankind finds the gift of salvation. Hands on projects, outside reading, in-class cultural activities, field trips, and guest speakers supplement the text.

**Bible 12: Apologetics/Exegesis
& Worldviews**
Prerequisite

1 Year
12th Grade Status

Introduction: In Senior Bible the students will be prepared to think Biblically about all areas of life and will be equipped to give a reason for the hope that is in them (1Peter 3:15) in order to lay a foundation which will establish God's Word and the supremacy of Christ as their point of integration for all areas of knowledge.

[Students will be required to take **each** seminar for one (1) semester.]

Christian Apologetics/Worldviews

This course focuses on the supremacy and relevancy of God's Word in today's post-modern culture. Students will be exposed to many of the objections and challenges to Christianity, as well as the irrefutable evidence that defends the truth of God's Word and our faith. Students will analyze the four main worldviews prevalent in today's society and study the belief system of each and its impact on the culture. Students will develop a comprehensive life system that has its foundation in a Biblical Christian worldview.

Christian Apologetics/Exegesis

Students will become familiar with and use different resources which will enable them to pull the meaning out of Scripture through exegetical Bible study methods. This will include the background study of individual New Testament books and some introductory Greek. This course also includes apologetics and analyzing proof for the reliability of Scripture.

ENGLISH

English 7 1 Year
Prerequisite 7th Grade Status

Each week students will learn spelling words that consist of commonly misspelled words and words that follow specific rules. Students will have weekly vocabulary words from the novels they will read and from words that could be found on standardized tests. Students will study formal grammar, which includes mechanics, parts of speech, and sentence structure, utilizing diagramming. Students will write compositions that stress the proper structuring of paragraphs. Students will read four novels and complete a research paper.

English 8 1 Year
Prerequisite 8th Grade Status

Each week students will learn spelling words that follow specific rules and vocabulary words from the literature selections. They will also study formal English grammar including mechanics, parts of speech, sentence structure, types of phrases, types of clauses, and sentence diagramming. They will read and discuss three novels. Students will learn to write well-developed paragraphs, and complete a research paper as well as a book report.

Honors English 8 1 Year
Prerequisites 8th Grade Status
Teacher Approval

Attendance, teacher recommendations, grades and SAT 10 Scores are considered for placement in this course.

This course will focus on a combination of grammar, literature, and composition. The students will examine various components of English grammar and mechanics at an accelerated pace and will learn to spell and define both vocabulary words found in their literary texts and vocabulary words

organized by roots, prefixes, and suffixes. In addition, the students will read, analyze, and discuss various novels, short stories, and poems. Throughout these literature units, the students will study a variety of literary elements and develop both discussion and critical thinking skills. The students will also learn to write well-developed paragraphs and essays, incorporating ideas from their literature studies into their writing.

English I 1 Year
Prerequisite 9th Grade Status

English I is an introduction to the use of and the basic structure of the English language. Students will review and extend their knowledge and skill in grammar and composition with emphasis on structuring paragraphs and thinking logically. Students will also review basic literary terminology, learn new vocabulary, and build their study skills, listening skills, and test-taking skills. A research project will be completed.

Honors English I 1 Year
Prerequisites 9th Grade Status
Teacher Approval

Attendance, teacher recommendations, grades and SAT 10 Scores are considered for placement in this course.

This course is designed to challenge the advanced student. In reading, students analyze short stories, novels, and classical literature. Outside reading and advanced vocabulary study are also required. In writing, students review the basic structure of the essay and improve their descriptive, narrative, expository, and functional writing. Also included in the course are required assignments in speaking/listening and viewing/presenting.

English II 1 Year
Prerequisite 10th Grade Status

This is a traditional course designed to meet the needs of sophomores who are definitely college bound. All aspects of a traditional English curriculum will be studied—literature, grammar, composition, vocabulary, and spelling. There will be an emphasis on applying grammar to the writing process. A research project will be completed.

PreAP English II 1 Year
Prerequisites 10th Grade Status

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

PreAdvanced Placement English II is an English course for students who intend to take Advanced Placement English III and Advanced Placement English IV. The purpose of the course is to further prepare students who are on the honors track for these advanced college style courses. Major focuses of this course include grammar, writing, college and SAT/ACT vocabulary study, as well as analysis of various selections from all literary genres. There is also a required research paper second semester in conjunction with another discipline, often World History. Class time is frequently in the form of discussion or seminar.

English III 1 Year
Prerequisite 11th Grade Status

English III starts with a brief review of grammar concepts and adds instruction in some more advanced elements. A major focus of English III is the process of writing. This writing involves various types of essays, primarily the argumentative and persuasive essays. Approximately one semester is used in a study of American literature. A key aspect of our study of literature is the development of the ability to read with discernment, evaluating

the themes of secular writing in light of Biblical truth. Emphasis is placed on expanding student vocabulary throughout the year. A research paper is also completed.

AP English III 1 Year
Prerequisites 11th Grade Status

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

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 Testing Service, 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 one to two hours per night, including weekends. The subject matter of this course is primarily nonfiction essays. The cost of the test for this course is approximately \$90.00 and is required.

English IV 1 Year
Prerequisite 12th Grade Status

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 our 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 project is assigned in conjunction with Government/Economics or another discipline.

AP English IV 1 Year
Prerequisites 12th Grade Status

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

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 one to two hours per night, including weekends. The subject matter of this course is primarily fiction from all four literary genres. The cost of the test for this course is approximately \$90.00 and is required.

College English 1 Year
Prerequisite 12th Grade Status

This course will be taught in conjunction with the Maricopa Community College District. It will meet the requirement for senior English while earning college credit. Students must pass the ASSET Test given by the community college in order to register for the class. Cost will be determined and assessed by the community college and will be approximately \$190.00 per semester plus books and materials above SCA tuition.

First semester is ENG101, First-Year, Composition. The course will cover standard English writing skills with emphasis on expository composition. Second semester is ENG102, First-Year English, Composition II. This semester emphasizes continued development of standard English writing skills. Introduction to research, note taking, organization, and documentation in the preparation and writing of a research paper is included. Literature will be included both semesters. Students successfully completing both semesters will earn six college credits.

FINE ARTS

Junior High Band Prerequisite

1 Year
7th or 8th Grade Status

Junior high band is designed to develop superior musical skills and godly personal leadership. Students will learn to perform both as an individual and on a team, striving to achieve personal and combined excellence. A variety of on and off-campus performances enrich band students' educational experience. Because the class is taught from a Biblical world-view, students will gain musical and personal skills and appreciate the importance of instruments and musicians in Biblical history and our present day. Regular daily practice is required outside of class. For reasons of balance, the director may request the student to change instruments. Some knowledge of reading music is required to take this class.

Junior High Choir Prerequisite

1 Year
7th or 8th Grade Status

This is a beginning level choir designed to teach proper vocal technique, build basic musicianship skills, and introduce age appropriate choral literature. Students will be encouraged to pursue singing for enjoyment and as a means of worshiping God. This class meets daily for one year. Students will need to purchase concert attire. Out-of-school performances, festivals, and/or competitions are required.

Please note: It will be possible for students who would like to be in both band and choir to do both during the same period.

Music Appreciation Prerequisite

9 Weeks
7th Grade Status

Students in this exploratory class will cover musical styles and genres and current topics in music which may include guitars, keyboards, and music computer software programs.

Drama 7 Prerequisite

9 Weeks
7th Grade Status

This exploratory class is designed to introduce students to a variety of theatrical experiences through theatre games and puppetry. This class is

also designed to give students exposure to an arts ministry opportunity that they can pursue at their local church if they choose. Theatre games are used to build trust and teamwork within the group and to develop sensory awareness. Students will read a selection of children's literature that the class will develop into a puppet play. The students will learn the basics of set and costume design through designing and building puppets, painting backdrops and building props. The students will be exposed to the rehearsal and performance process as they prepare the puppet show to be presented to an audience of elementary students.

Drama 8 Prerequisite

9 Weeks
8th Grade Status

This exploratory class is designed to introduce students to the process of acting. Through the use of theatre games, the students will develop sensory awareness, trust and teamwork and improvisational skills. Students will select either a monologue or a scene to be performed with a scene partner, and will work through the process of character development, ground plan design, blocking, and rehearsing a scene. Students will also be required to assemble props and costumes for their scene. The class will culminate with a live presentation of scenes and monologues.

Art 8 9 weeks
Prerequisite 8th Grade Status

Students will learn the elements of art and the principles of design. They will learn how to apply them in drawings, paintings, and sculptures. Students will be able to use a variety of media in a more sophisticated manner and gain an understanding of how artists have created art.

High School Ensemble 1 Year
Prerequisite 9th-12th Grade Status
Instructor Approval
Some knowledge of reading music

High school band at SCA is different from any public school. Both its curriculum and pedagogy are taught completely from a Biblical world-view. Utilizing specific Biblical passages, students learn how music, musicians, and instruments are integrated throughout Biblical history (Genesis through Revelation) and into our lives. Throughout the year, music studied and performed demonstrates God's creation, His attributes and His character. A variety of on and off-campus performances engage our culture with a virtuous musical message. Students successfully taking band develop superior performing skills as well as personal communication skills, demonstrating the spectrum of emotions. Band teaches and reinforces math, language, history, geography, science, logic, expression, beauty, teamwork, art, godly character, and our relationship with the Lord. Regular practice outside of class is necessary. For reasons of balance the director may request a student to change instruments

J. V. Ladies Choir 1 Year
Prerequisite 9th Grade Status
10th-12th Grade by placement only

This choir is open to all 9th grade girls and 10th-12th grade girls with instructor's permission desiring to pursue choral singing. A beginning level choir, emphasis will be on proper vocal production, building basic musicianship skills and singing 2-3 part women's choral literature. Students will also be encouraged to pursue singing as a life-long act of service and worship to God. Students will need to purchase choir attire. Out-of-school performances, festivals, and/or competitions are required.

J.V. Men's Choir 1 year
Prerequisite 9th Grade Status
10th-12th Grade by placement only

This choir is open for all guys who love to sing and those who want to learn! A beginning level choir, emphasis will be on proper vocal production, building basic musicianship skills and singing 2-3 part men's choral literature. Students will be encouraged to pursue singing as a life-long act of service and worship to God. Students will need to purchase choir attire. Out of school performances, festivals, and/or competitions are required.

Concert Choir 1 Year
Prerequisites 10th-12th Grade Status
Audition

Concert Choir focuses on developing the solo voice, refining musicianship skills and exposing students to 3-4 part choral literature. Several performance opportunities will be presented at campus concerts, festivals and outside venues. Students will also be encouraged to pursue singing as a life-long act of service and worship to God. Students will need to purchase choir attire. Out-of-school performances, festivals, and/or competitions are required.

Chorale 1 Year
Prerequisites 10th-12th Grades
Audition

SCA Chorale is a select vocal ensemble focusing on intermediate to advanced choral literature, vocal technique, and musicianship skills. Required performances will include on-campus concerts, off-campus venues, church services, festivals and/or competitions. Students will be expected to audition for AIA Regional Choir and Solo/Ensemble Festivals. Students will need to purchase chorale attire. This choral group will have a significant amount of off-campus performances, which may include travel.

Guitar 1 1 semester
Prerequisite 9th-12th Grade Status

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

Guitar 2 1 semester
Prerequisites Guitar 1
or Instructor Approval after simple audition

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

Piano 1 1 Semester
Prerequisite 9th-12th Grade Status

This course is for the beginning piano student. Through group instruction, students will be introduced to proper piano playing technique and both written and aural music theory. Topics of study include reading music, listening to various styles of piano music, two hand playing, scales, basics of chording, ensemble playing, ear-training and sight-reading. Out of class assignments may include attending and reviewing a piano recital or concert. Students will use school keyboards and will need to purchase books.

Piano 2 1 semester
Prerequisites Piano 1
or Instructor Approval after Audition*

This course is a continuation of the skills and topics covered in Piano 1. Further studies will include topics in music such as careers, various styles of music, and composers. Out of class assignments will include attending and reviewing a piano recital or concert. Students will also present reports on composers/performers. Students will use school keyboards and will need to purchase books.
*Students are responsible to schedule an audition.

Music Theory 1 Year
Prerequisite 9th-12th Grade Status

(Please note: This course will be offered as an Independent Study course only.)

Students will be introduced to musicianship theory, musical materials, and procedures. The course will integrate aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history, and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony and the analysis and construction of intervals, scales, and chords are considered an important part of this course.

Production Tech
Prerequisites

1 Semester
9th-12th Grade Status
Instructor Approval

Students will receive the design theory and acoustical principles of lighting and sound reinforcement while apprenticing with hands-on, real life experiences in supporting the fine arts productions at SCA and in community service. The course will cover the basics of lighting, sound, recording and video production.

Theatre I: Intro. to Theatre
Prerequisite

1 Year
9th-12th Grade Status

This class will explore all aspects of theatre. Acting training may include mime, improvisation, theatre terminology, character development, the rehearsal process and performance evaluation. Design training may include exposure to set design and building, lighting design and working on a light crew, costume design and set dressing. Theatre theory may include playwriting, theatre history, and dramaturgical analysis. Directing and producing training may include choreography, direction of scene work or monologues, learning stage management or taking on producing duties. This class will be involved in the production of our fall and spring plays in various ways, including but not limited to, participating in the production either as a performer or as part of the crew.

Theatre II—
Intermediate Theatre Studies
Prerequisites

1 Year
Theatre I
Instructor Approval

This class will allow students to focus more specifically on areas of interest that they developed in Theatre I. Acting students will explore more advanced texts and techniques as they seek to sharpen their acting skills and broaden their knowledge of this art form. These areas of exploration can include performance of classical

texts and musical theatre performance if the actor so chooses. Acting students can expect to do a variety of monologues and scene work, as well as acting in original, student written and directed short plays throughout the year. Technical theatre students can focus on developing their skills in any (or many) of the following areas: lighting, sound, set design, costume, and makeup design. These skills would be developed through projects that support the school productions, or projects that are of the students choosing. Production students may choose to focus on scene or monologue directing, producing, stage-managing or publicity.

Digital Photography
Prerequisite

1 semester
10th-12th Grade Status

This class will teach the “weekend” photographer more about the digital camera and its components. Characteristics of the visual arts will be discussed. Elements of photography will be learned and applied to assignments. A portfolio of photographs will be developed by the end of semester. 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 mega pixels or better.

Introduction to Art
Prerequisite

1 Year
9th-12th Grade Status

This full-year course stresses two and three-dimensional design. Instruction covers drawing, painting, and three-dimensional design such as sculpture.

Ceramics I
Prerequisite

1 Semester
Introduction to Art

This course emphasizes the study of soft texture and methods of construction in clay. Slab, coil, and pinch techniques will be used. Students will progress to the use of the potter’s wheel and application of glazes and ceramic finishes.

Ceramics II	1 Semester
Ceramics III	1 Semester
Ceramics IV	1 Semester
Ceramics V	1 Semester
Ceramics VI	1 Semester
Prerequisite	Ceramics I Instructor Approval

These courses will further develop the skills and techniques used in ceramics. Students will be encouraged to develop individual style and techniques associated with the use of the potter's wheel and hand-built projects.

Drawing I	1 Semester
Prerequisite	Introduction to Art

This course develops drawing skills and techniques as they relate to realistic and abstract forms. Instruction begins with the elements and principles of design and composition, and then progresses to life drawing and abstract illustrations.

Drawing II	1 Semester
Drawing III	1 Semester
Drawing IV	1 Semester
Drawing V	1 Semester
Drawing VI	1 Semester
Prerequisite	Drawing I Instructor Approval

These courses are designed to further develop drawing skills and techniques. Instruction begins with life drawing, quick sketches, composition development, and experimental use of various art media.

Painting I	1 Semester
Prerequisite	Introduction to Art

This course has been designed to further develop ones' skills and techniques in painting. Both traditional and contemporary styles will be explored. The use of tempera, watercolor and acrylic paints will be taught along with multimedia and dimensional approaches.

Painting II	1 Semester
Painting III	1 Semester
Painting IV	1 Semester
Painting V	1 Semester
Painting VI	1 Semester
Prerequisite	Painting I Instructor Approval

These courses further develop the utilization of painting as a means of expression and creativity. Both traditional and contemporary styles will be studied.

FOREIGN LANGUAGE

Spanish 7 9 Weeks
Prerequisite 7th Grade Status

During this quarter class students will explore several aspects of Spanish. Material will be introduced in units by theme such as alphabet, greetings, question words, class phrases, numbers, calendar, weather, family and table setting. Students will also study vocabulary from the weekly Spanish Bible verses. Students will also be studying Central America.

Spanish 8 1 Semester
Prerequisite 8th Grade Status

During this semester class students will build on the material introduced in 7th grade Spanish. The primary goal is to continue to build a bank of vocabulary to be used in high school Spanish. Material will be introduced in units by theme such as alphabet, greetings, question words, class phrases, numbers, time, body, class, colors, chores, house, clothes, free time, people, places, directions, transportation and food. Students will also learn basic verb conjugation, adjective-noun agreement and sentence structure. Students will study vocabulary from the weekly Spanish Bible verses and various aspects of Spanish culture.

Spanish I 1 Year
Prerequisite “C” in 8th Grade English

In Spanish I a combination of oral and written methods are used. Basic grammar structures and skills will be taught. Students will be able to formulate and answer questions and compose original stories in simple Spanish. Students will also learn the richness of the Hispanic culture and the opportunities we have to broaden our ministries for the Lord beyond our own culture.

Spanish II 1 Year
Prerequisite “C” in 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. In the beginning of the course basic vocabulary and grammar are reviewed before proceeding with the instruction of new concepts in both of these areas. In addition to broadening their knowledge of the Spanish language, students will also gain deeper insight into the many cultures of the Spanish-speaking world. Recognizing that students are uniquely designed to communicate with God, fellowship with each other, and spread the Gospel this course aims to enhance a student’s usefulness in God’s service in addition to improving his/her vocational opportunities.

Spanish III 1 Year
Prerequisites Spanish I, II
“B” or better in Spanish II
Administrative and Instructor Approval

Spanish III is an intermediate study of Spanish language and its many cultures. In addition to recycling the vocabulary and grammar learned in Spanish I and II, new vocabulary and grammar points will be learned through thematic units with emphasis on the four basic skills: listening, speaking, reading and writing. Students will also continue to learn about various aspects of Spanish-speaking cultures including traditions/customs, nuances, and dialectal differences. Recognizing that students are uniquely designed to communicate with God, fellowship with each other, and spread the Gospel, this course aims to enhance a student’s usefulness in God’s service, in addition to improving his/her vocational opportunities.

Spanish IV 1 Year
Prerequisites Spanish I, II, III
“B” or better in Spanish III
Administrative and Instructor Approval

Spanish IV is a high intermediate to advanced study of the Spanish language and its many cultures. This course 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 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: 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.

Sign Language I 1 Year
Prerequisite 9th-12th Grade Status

Students will be introduced to the language and the culture of the Deaf and hearing impaired. The emphasis is on developing basic communication skills in American Sign Language, the grammatical structure and the visual-gestural components of the language. Students will build a working vocabulary, learn the use of the manual alphabet and gain insight into Deaf culture, history, statistics, and family life to broaden their understanding and appreciation of the challenges and blessings of being Deaf.

Sign Language II 1 Year
Prerequisite “C” or better in Sign Language I

Sign Language II continues to emphasize communication using ASL. The grammatical and structural formation of ASL is further developed using vocabulary units, themes, dialogues, and narratives. Students will continue to develop skill receptively and expressively in ASL as well as with the manual alphabet. Students will broaden their understanding of what it means to be Deaf. The course will continue to explore the Deaf culture. Through signing of songs and scripture, students will be able to worship and glorify God.

Sign Language III 1 Year
Prerequisites “B” or better in Sign Lang. II
Administrative and Instructor Approval

Sign Language III studies linguistics of American Sign Language including non-manual behaviors and signing English idioms with conceptual accuracy. Emphasis will be placed on practical application of A.S.L. skills, expanded vocabulary, and cross-cultural communication. Advanced A.S.L. skills including conversational techniques will be covered. There will be continued work on words with multiple meanings, theories of role, function, responsibilities, and communication strategies for the A.S.L./English interpreter. Additional topics such as advocates, moral systems vs. ethical systems, and perceptions of consumers will be studied. The class will cover an advanced use of A.S.L. in demonstrations, reports, and presentations.

GENERAL ELECTIVES

Literature and Creative Writing 9 weeks
Prerequisite 8th Grade Status

This nine-week exploratory course will offer students the opportunity to discuss literature and develop their creative writing abilities

Academic Decathlon 1 Year
Prerequisite 9th-12th Grade Status

Academic Decathlon is an elective class offering 9th-12th grade students the opportunity to participate in the nation's most prestigious academic competition. The Varsity category is for all students with a GPA of 2.99 or below. Scholastic is for students with a 3.0-3.74 GPA and Honors is for students with a 3.75 or high GPA. Students study Art History and Theory, Music History and Theory, Economics, Language & Literature, Mathematics, Social Science and Science as well as learn to write essays, give a professional interview, and give prepared and impromptu speeches. Students passing this class meet the Speech requirement for graduation. Other skills taught are time management, study skills, and test taking. The class is academically rigorous and requires outside study time over the summer and after school on a regular basis. This course may be taken multiple years and some colleges award scholarships for two or more years of competition. Students may earn 5.0 credits for this class.

College Preparation 101 1 Semester
Prerequisites 1st Semester Seniors
2nd Semester Juniors

This course is designed to guide students through all aspects of college planning. Student instruction will focus on the necessary steps and timeline in the process of choosing a college for acceptance to the institution. Seniors will fill out college applications, write their college essay, prepare for interviews, and learn about college costs and financial aid/scholarship opportunities. Transition from high school to college, time management/organization skills, and how to "stay Christian in college" will also be covered. Juniors will research colleges, prepare for the SAT/ACT, prepare for college visits, learn about financial aid, and more.

History and Film 1 Semester
Prerequisites Completion of World History
Parental Approval

This history elective class will examine the burgeoning industry of historical film through presentation and discussion. The course is intended to allow for a greater in-depth study of historical events that have shaped our world and our nation. This class attempts to provide for the student a sense of historical accuracy and understanding through engaging popular culture in an academic manner of discussion and writing. The instructor will choose films for this class. Some films will include language and/or violence. Parental approval required for this class. Potential tentative list of films: Gladiator, Braveheart, Amistad, Gods and Generals, Life is Beautiful, The Great Raid, The Downfall, Nuremberg, Good Night and Good Luck, Dr. Strangelove, We Were Soldiers, The Killing Fields, Mississippi Burning, Guess Who's Coming to Dinner, The Power of One.

Introduction to World Missions Spring Semester
Prerequisites 12th Grade Status
Instructor Approval

Introduction to World Missions is a course designed to give students the opportunities to learn about missions and the role each believer plays in the body of Christ to fulfill the Great Commission of Matthew 28:19-20. This course will look at the biblical, historical, strategic, and cultural dimensions of missions. Students will be given opportunities to explore their own interests in missions by researching and participating in a variety of different types of mission activities. This course will be both academic and practical in nature.

Leadership, Ministry & Worship Team Fall Sem.
Prerequisites 12th Grade Status
Instructor Approval

This course is designed for students who want to be actively involved in ministry by serving on the Chapel, Worship or Leadership Teams. Characteristics of godly leaders and how to live out a life of servant leadership will be explored. This course will also allow the student to critique their own leadership abilities and styles and to develop their natural and acquired skills as well as their spiritual gifts. Students will be expected to be involved with some aspect of spiritual leadership on the campus of SCA. Weekly outside rehearsals may be required.

Literary Magazine 1 Year
Prerequisite 10th-12th Grade Status

This course is designed to teach students journalism fundamentals necessary to produce an art and literary magazine at SCA. Students will be able to access the quality of and learn techniques for judging art, poetry, and short story writing. They will be able to develop a theme and design a book that unifies the art and literature produced by SCA students during the school year.

Introduction to Philosophy 1 year
Prerequisites 11th & 12th Grade Status
10th Grade with Instructor Approval

This survey course serves as an introduction to the principal branches of philosophy—namely, logic, epistemology, metaphysics, and ethics. We will examine the essence of philosophy, observe some integral philosophers, and obtain a sound foundation of the notion of philosophy and its practical application in life. Within this examination, we shall look at some of the main questions in life, which include: “Can we know anything with certainty?” “What makes some actions right and some wrong?” “Can God’s existence be proven?” “What is the meaning of life?” “Are actions free or determined?” and, “Is a human just a body, a soul, a spirit, etc.?” We shall also be looking into a variety of worldviews and how to develop one’s own worldview.

Speech 1 Semester
Prerequisite 11th-12th Grade Status

This course is designed to provide students with basic concepts about good public speaking and to offer them a multitude of opportunities to practice those concepts. Students will give speeches to classmates and perform in front of a large auditorium audience. The goal of the course is for students to understand basic principles of public speaking, taste success from a speaking experience, and acquire experience so they will be ready when God provides them an opportunity to speak for Him. One semester of speech is required for graduation from SCA.

**Teen Leadership
Prerequisite**

1 Semester
11th-12th Grade Status

Teen Leadership is a character education and leadership development course that teaches leadership skills, personal responsibility, principle-based decision-making, social skills, communication skills, goal-setting, and much more. Students passing this class meet the Speech requirement for graduation.

**Work Study
Prerequisite**

1 year
12th Grade Status
Instructor Approval

The Work Study Program will foster student career development through a variety of employment experiences; provide career, leadership, and transferrable life skills; and will provide an opportunity for personal growth for student employees. The program will include classroom instruction and monitoring of student's work experiences. Students learn about attitudes, behavior and skills necessary to secure and hold a job. Students must provide their own transportation to their jobs. Seniors desiring to have early dismissal to work *must* be enrolled in this class.

**Yearbook
Prerequisite**

1 Year
10th-12th Grade Status
Instructor Approval

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.

MATHEMATICS

Math 7 1 Year
Prerequisite 7th Grade Status

This seventh grade course studies the interrelationship of fractions, decimals, and percents. Proportional thinking is emphasized through the application of ratio, rate, percent, and similar geometric figures. Topics such as integers, exponents, order of operations, variables, inequalities, equations, and graphing are thoroughly practiced. Geometry concepts include similar and congruent figures, angle measurement and relationships, and transformations. Data collection and display, statistics, probability, and prime factorization are also covered.

Pre-Algebra 1 Year
Prerequisite 8th Grade Status
7th Graders with Administrative Approval

This eighth grade course includes topics such as fractions, decimals, mixed numbers, signed numbers, order of operations, percents, proportions, ratios, divisibility, rounding, place value, unit conversions, data representation, and word problems. Evaluating and simplifying algebraic expressions and solving linear equations in one unknown are also introduced. Geometric concepts include perimeter, area, surface area, and volume of geometric solids, and symmetry.

Seventh graders may take this course upon proper approval and teacher recommendation. It is required that 7th grade students maintain a grade of “B” to continue in Pre-Algebra as well as to be promoted to Algebra 1 in the 8th grade.

Algebra 1 1 Year
Prerequisite Pre-Algebra
8th Graders with Administrative Approval

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. **Eighth graders will not receive high school credit for this course.**

Geometry 1 Year
Prerequisite Algebra 1

This course includes communicating with the vocabulary and notation of Geometry, inductive and deductive reasoning, analysis of graphs and charts, similarity and congruency of triangles, quadrilaterals, and other polygons, characteristics and properties of parallel and perpendicular lines, circles, and right triangles, problem solving and applications of geometric theorems, loci, planar and spatial measurements, and drawings and models of real world problems. The students will make connections between Geometry, Algebra, measurement, statistics, and number theory.

Algebra 2 1 Year
Prerequisite Algebra 1 and Geometry

Algebra 2 includes graphical solution of simultaneous equations, scientific notation, radicals, roots of quadratic equations including complex roots, systems of inequalities, logarithms, exponential equations, basic trigonometric functions, algebra of polynomials, vectors, rectangular and polar coordinate systems. Set theory, word problems including gas law, force vector, chemical mixture, and percent markups are also covered. The topics from geometry include a review of perimeter, area, and volume, the Pythagorean theorem, properties of angles, polygons, and circles, writing proof outlines, and basic constructions.

PreCalculus 1 Year
Prerequisites Algebra 2
Administrative & Instructor Approval

PreCalculus is designed to be a high school student's fourth year of mathematics, allowing that student to bridge the gap between high school and college-level math. This course will integrate what a student has learned from both Algebra 2 and Geometry. Topics include solving both simple and advanced equations, polynomial, rational, and conic functions and their graphs, exponential and logarithmic equations, trigonometry, systems of equations with matrices, and data analysis. Extensive use of the graphing calculator and practical word problems are also integrated into the class.

PreCalculus Advanced 1 Year
Prerequisite PreCalculus
Administrative & Instructor Approval

PreCalculus Advanced is an advanced mathematics course designed to prep the student for advancement into a college-level Calculus course. This course will integrate what a student has learned

from both Algebra 2 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, systems of equations with matrices, analytic geometry, and data analysis. Extensive use of the graphing calculator and practical word problems are also integrated into the class.

Dual Enrollment Calculus 1 Year
Prerequisites PreCalculus and Calculus
Administrative & Instructor Approval

This course is taught in conjunction with the Maricopa Community College District. Cost will be determined and assessed by the community college and will be approximately \$190.00 per semester plus books and materials above SCA tuition. *Students must take both semesters to meet graduation requirements.*

MAT221, Calculus with Analytic Geometry I, will be taught first semester. This course studies real numbers, limits, continuity, differential and integral calculus of functions of one variable. Student must pass the district placement exam to take this course.

Second semester will be MAT231, Calculus with Analytic Geometry II. This course will cover methods of integration, applications of calculus, elements of analytic geometry, improper integrals, sequences and series. Prerequisite: C or better in MAT 221.

This course will meet on Mondays and Wednesdays from 6:30 a.m. -8:30 a.m. Students completing both semesters of this course will earn eight college credits.

ON-LINE COURSES

Scottsdale Christian Academy has partnered with Sevenstar Academy, a Christian on-line school, to give students more opportunities to take AP and other courses not offered as a regular class. Students can select an on-line course as one of their seven selections after receiving approval from their counselor. Students selecting an AP course will be required to take the AP test which cost \$90.00 and will be administered at SCA. Courses available include:

AP Art History
AP Biology
AP Calculus
AP US Government

AP Micro and Macro Economics
Marine Science
Latin I, II, III
SAT Prep

The following Course Descriptions are from Sevenstar Academy.

AP Art History 1 year
Prerequisite PreAP English
& Honors World History

This course will provide students with college level instruction in the history of art. Students will examine major forms of artistic expression from the past and present and from a variety of cultures. Students will learn to look at these works of art critically, with intelligence and sensitivity, and to articulate what they see or experience in light of a Christian worldview. Students will be able to identify the presence or absence of Biblical truth reflected in art and architecture through the centuries.

AP Biology 1 year
Prerequisite Biology
or Administrative Approval

You will use The Biology Place, Virtual Labs, and Biology: Concepts and Connections to complete the AP Biology course. Throughout this course you will be expected to explore many on-line sites, answer questions, reflect on issues and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details. Remember this course requires a great deal of self-discipline and motivation. The ultimate goal of this course is to prepare you to successfully take the AP Biology examination offered in May.

AP Calculus 1 year
Prerequisite PreCalculus

An interactive text, graphing software, and math symbol software combine with exciting on-line course delivery to make Calculus an adventure. Students will explore the meaning and practical applications of the derivative and the integral. Along the way, they will be challenged to deepen their Faith by reflecting on what it means to love God with all your heart, soul, mind, and strength.

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.

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.

**AP US Government
Prerequisite**

1 semester
12th Grade Status

"Lights, Camera, Action!" Prepare to study the intricacies of the American Political Culture. The script is written and the actors participate daily in the drama of American politics. You will be "on location" to delve into primary source documents. You will go behind the scenes with stars such as the President, Congress, and Supreme Court Justices. You will research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. You will witness the large-scale production of policy building in the areas of economic/social policy, foreign policy and public administration. Throughout, you will engage a biblically-informed Christian worldview as you evaluate new information.

You will learn about the nature of U.S. Government and Politics including the basics of political participation. Internet websites, discussions, and the use of various multimedia materials will provide students with opportunities to interact with the instructor, fellow classmates, and the community.

Topics that will be studied include: the basis of democracy, the role of politics in U.S. Government, the three branches of government, civil rights and civil liberties, and, policymaking

**AP Macro Economics
Prerequisite**

1 semester
12th Grade Status

No Course Description Available

**AP Micro Economics
Prerequisite**

1 semester
12th Grade Status

Prepare to earn college credits while learning all the essential concepts required by the College Board as YOU travel to Macro Islands to assist the leader in winning reelection. While you go there for a job, you will soon realize that you love the islands and want to make your home there. Because you are adept at giving economic advice to the leader, you will be appointed as the new President of the Sunny Sea Shell Company. As a practicing Christian you will also be expected to give advice that affirms the truth of the Bible as it applies to the field of economics. As part of your role in assuming the leadership duties of the company, you will need to brush up on microeconomics as well as the biblical principles that are foundational to its study. The Board of Directors has appointed Ms. Equilibrium to act as your personal assistant and advisor as you transition into your new role. You will be learning all you can about microeconomics and will be required to exhibit your knowledge in May at the annual Board of Director's meeting (the AP Exam).

During your stay, Ms. Equilibrium will ask you to complete assignments showing that you understand the information and that you are the right person for the job. In addition, you will often be asked to demonstrate your ability to apply biblical principles to the field of microeconomics. These assignments will take the form of: discussion postings, oral quizzes, self check assignments, instructor graded assignments, and exams. You will find these lessons and assignments in the course's 6 modules.

Global Studies
Prerequisite

1 Year
9th-12th Grade Status

What does it take to live in a complex and increasingly interdependent global society? It takes knowledge and skills that help you understand the people in this world God has created, their environments and issues. As a cub-reporter for God's News Network, your assignment is to learn about and participate in global decisions that affect us and missionaries throughout the world through problem-based learning from a Biblical worldview.

Latin
Prerequisite

1 Year
9th-12th Grade Status

Building the Via Latina: You are about to build a Roman road, the Via Latina. This road will be the foundation for your study of Latin and the culture of ancient Rome. Famous Romans from the past have agreed to be your supervisors. They will invite you to dinner, regale you with stories from mythology, introduce you to other Romans, show you around their homes, entertain you at the chariot races or the gladiatorial fights, and give you a look at what it meant to be a Roman: politically, socially, and economically. They will also be interested in hearing about your life as a Believer and how your worldview influences how you see Roman life and culture. Your task is to learn Latin, the language of the Romans. So let's start the building process and find out how different, and yet how similar, our worlds really are.

Marine Biology
Prerequisite

1 year
12th Grade Status

Set sail on a research expedition to explore the marine environment. Our virtual expedition will leave from Tampa Bay and travel around the Earth investigating the many habitats and organisms of the oceans. As a crew member, you will be conducting research, performing experiments, gathering and analyzing data, and discovering man's interrelationship with the marine environment. The purpose of the course is to provide an overview of the marine environment. The content includes the nature of science, the origins of the oceans, the chemical and physical structure of the marine environment, ecology of the various sea zones, marine communities, and the interrelationship between man and the ocean. We will learn about God's Creation and how to better fulfill his charge to care for and rule over the earth.

SAT Prep
Prerequisite

1 semester
11th-12th Grade Status

Tired of the old workbook-based SAT Prep courses? Grab your duffel bag or backpack and prepare for a trip through test tips and strategies necessary for the SAT. Join the quest for higher scores with the Florida Virtual School SAT Prep course. This course is designed to strengthen the student's test-taking skills so as to enhance his/her scores on the Scholastic Assessment Test. Students will practice thinking strategies, become thoroughly familiar with the structure of standardized exams, and build verbal competence and mathematics reasoning. Each student can contact an instructor to receive personalized lessons and guidance as he/she pursues higher test score goals.

PHYSICAL EDUCATION

Physical Education 7 Prerequisite

1 Year
7th Grade Status

The physical education program is aimed at providing an opportunity for each student to develop coordination and muscular skills. Students will gain an understanding of teamwork, cooperation, and knowledge of rules through participation in activities.

Physical Education 8 Prerequisite

1 Semester
8th Grade Status

The physical education program is aimed at providing an opportunity for each student to develop coordination and muscular skills. Students will gain an understanding of teamwork, cooperation, and knowledge of rules through participation in activities.

Boys P.E. 9 Girls P.E. 9 Prerequisite

1 Year
1 Year
9th Grade Status

Physical education is designed to provide an opportunity for each student to explore activities that can provide a lifetime of physical fitness. Activities will focus on individual, partner, and long-term team activities.

Weight Training Prerequisite

1 Year
10th-12th Grade Status
9th Grade P.E.

Curriculum includes knowledge of resistance and cardio respiratory training. Student workouts will include training for endurance, strength, speed, and agility.

SCIENCE

Life Science 1 Year
Prerequisite 7th Grade Status

Life Science deals predominately with the study of biological studies and human health. This course also serves to introduce other areas or disciplines of science important in familiarizing the student with the scientific method. Students will learn appropriate scientific reasoning skills along with a basic vocabulary needed to proceed to future science courses.

Earth Science 1 Year
Prerequisite 8th Grade Status

Earth Science is designed specifically for the eighth grade student. In this class, the student will study the scientific method of problem solving, geological history and processes, matter and earth materials, meteorology, oceanography, and astronomy.

Biology 1 Year
Prerequisite 9th Grade Status

This course provides a broad overview of the basic concepts of life processes with basic laboratory experiences. Special emphasis is given to the study of genetics and anatomy from a creationist viewpoint. An average of one day per week will be devoted to lab work. The student must complete a research project second semester.

Conceptual Physics 1 Year
Prerequisite Biology

Conceptual Physics is a conceptual based study of the physical processes governing our universe. The course uses analogies and imagery from real-world situations to build a conceptual understanding of physical principles ranging from classical mechanics to modern physics. The conceptual foundation equips students to understand the equations and formulas of physics. The course uses basic algebraic skills to solve equations.

Chemistry 1 Year
Prerequisites Algebra 1
Biology and Conceptual Physics

Chemistry is the study of God's design in the nature of matter and the changes that it undergoes. It is a laboratory-based college preparatory course covering the areas of math and chemistry, matter and energy, atomic structure and chemical bonding, the gas laws, thermo chemistry, equilibrium, and nuclear chemistry. The course work is presented as a balanced presentation of chemical theories and quantitative problems with a substantial laboratory component.

Anatomy and Physiology 1 Year
Prerequisites Biology,
Conceptual Physics, and Chemistry

Anatomy and Physiology is for the college-bound student interested in the areas of science, nursing, pre-med, health, or physical education. An in-depth study of all human systems, structures, and function is included. Dissection of a cat, sheep organs and cow organs will be included.

Physics II 1 Year
Prerequisites Conceptual Physics,
Biology, and Chemistry

Physics II is a study of energy and matter and the interactions between the two in God's orderly creation. It is a laboratory-based college preparatory course covering the areas of kinematics, energy, electricity, and optics. Many of the laboratory exercises use the computer as an instrument platform and as a means of collecting and organizing data.

SOCIAL STUDIES

World Geography/ Early American History Prerequisite

1 Year
7th Grade Status

Seventh grade geography is designed to serve as a foundation for secondary school instruction in history, government, and economics. To this end the class will cover physical geography and cartography, regional cultural characteristics and contemporary political-economic systems.

The influence of the Church is highlighted in the study of cultural characteristics and special attention is given to the Holy Land as well as regional missions-evangelization prospects and needs.

Students will begin the study of American History that will be completed in the 8th grade.

American History Prerequisite

1 Semester
8th Grade Status

Eighth grade American history will pick up where the students left off in 7th grade. This course is to be a succinct overview of the major time periods, important people, and events that have been instrumental to our development as a nation. Students should grasp the chronology of American development and be familiar with leadership and direction associated with a timeline of the American experience.

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

US/AZ Government Prerequisite

1 Semester
8th Grade Status

Eighth grade government studies will focus on the United States Constitution and our system of the three branch-republican federalism it has established. Some consideration will be given to current events relative to US Government. A survey of federal and state government is designed to acquaint students with the function of our state, county, and municipal government.

US/Arizona 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.

World History Prerequisite

1 Year
10th 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. 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 with a special emphasis on the history of Judeo-Christianity. A special two-week unit on the history of Israel is included.

Honors World History 1 Year
Prerequisite 10th Grade Status

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

This honors level course will cover western civilization, including the history of Israel and art and architectural studies. Students will become proficient in writing essays in the three formats required for AP level classes. Additionally, students will read two-three additional books related to the topics during the year.

U.S. History 1 Year
Prerequisite 11th Grade Status

U.S. History at the eleventh 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 information 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 are stressed.

AP U.S. History 1 Year
Prerequisites 11th Grade Status

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

Advanced Placement U.S. History is a detailed look at our nation's development from discovery to the present. The class will make reading and writing demands on the student that are equivalent to those which would be experienced at the introductory level in college. In evaluating student performance, the emphasis will be placed on the analysis, interpretation, synthesis, and evaluation of data. Students will be required to take the AP Exam. The cost of the test for this course will be approximately \$90.00 and is required.

U.S. Government 1 Semester
Prerequisite 12th Grade Status

U.S. 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.

U.S. 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.

**U.S. Economics
Prerequisite**

1 Semester
12th 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 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.

**Western Civilization
(Dual Enrollment)
Prerequisite**

1 Year
12th Grade Status

This course will be taught in conjunction with the Maricopa Community College District. Cost will be determined and assessed by the community college and will be approximately \$190.00 per semester plus books and materials above SCA tuition.

The first semester is HIS101, History of Western Civilization: Middle Ages to 1789, and is a survey of origin and development of Western civilization and its institutions from the Renaissance and Reformation through the Age of Enlightenment. The second semester is HIS102, History of Western Civilization: 1789 to Present, and is a survey of origin and development of Western civilization and its institutions from French Revolution through the present.

Students successfully completing both semesters will earn six college credits.

Scottsdale Christian Academy
14400 N. Tatum Blvd.
Phoenix, Arizona 85032
(602) 992-5100
Fax: (602) 992-0575