



**Rosslyn Academy  
Coursebook**

**2013-2014**

# Rosslyn Academy

## HIGH SCHOOL COURSEBOOK 2013-2014

This guide provides students and parents with a description of courses offered at Rosslyn Academy's High School.

### PROCEDURES for Choosing Courses:

1. Be aware of the graduation requirements.
2. Freshmen and new students should develop a Four Year Plan.
3. Read the course descriptions and check the prerequisites carefully.
4. Select classes to fill seven periods per day.
5. In classes where enrollment is limited, preference will be given to upperclassmen.
5. If there is insufficient demand for certain a course, it may not be taught. In these cases students will choose another course.

### GRADUATION REQUIREMENTS

In order to graduate from Rosslyn, the following requirements must be met between the 9th and 12th grades:

Area of Study	Credits
<b>English</b>	4 credits
<b>Mathematics</b> Including Algebra 1	3 credits
<b>Social Studies</b> Including US History for US citizens & Senior Social Studies in 12 <sup>th</sup> grade	3 credits
<b>Science</b>	3 credits
<b>Physical Education/Athletic Exchange*</b>	1 credit
<b>Fitness &amp; Health</b>	.5 credit
<b>Religious Education</b> (one semester for each year of attendance at Rosslyn Academy)	2 credits
<b>Fine Arts</b>	1.5 credits
<b>Applied Arts</b> (Tech. Aps. or Computer-based course)	.5 credit
<b>Electives</b>	5.5 credits
<b>TOTAL</b>	<b>24 credits</b>

\* PE/Athletic Exchange: see PE section

### GRADE POINT AVERAGE

Grade Point Average is calculated on a 4-point scale when determining cumulative GPA.

NOTE: Only Advanced Placement (AP) courses taken at Rosslyn are weighted on a 5-point scale.

Letter Grade	Percent	GPA	Advanced Placement
A	93-100	4.00	5.00
A-	90-92	3.70	4.70
B+	87-89	3.35	4.35
B	83-86	3.00	4.00
B-	80-82	2.70	3.70
C+	77-79	2.35	3.35
C	73-76	2.00	3.00
C-	70-72	1.70	2.70
D+	67-69	1.35	1.35
D	63-66	1.00	1.00
D-	60-62	0.70	0.70
F	0-59	0.00	0.00

## PROGRESSION TOWARD GRADUATION

All students enrolled must take a program leading towards fulfillment of the graduation requirements. The listing below represents the minimum requirements, which should be completed by the end of each grade. Students enrolling after grade nine will be required to select courses for their grade, plus complete any other required courses not already taken. Those courses with an asterisk (\*) are not required, but are **STRONGLY** recommended for those going to college. The following is a *typical* course load.

### FRESHMEN

English 9  
Conceptual Physics or Biology  
Math (Alg 1A, Alg.1, or Geometry)  
Social Studies: World History, Geography or  
Western Civ  
Old Testament (CRE)  
Fitness and Health (PE)  
Foreign Language 1\*  
Electives (Fine Arts, Applied Arts, Speech)

### SOPHOMORES

Global Literature  
Biology or Chemistry  
Math (Alg 1B, Geometry or Alg. 2)  
Social Studies: World History, Geography  
Western Civ, and/or AP World  
New Testament (CRE)  
International Team Sports (PE) or Athletic Exchange  
Foreign Language 2\*  
Electives (Fine Arts, Applied Arts, MUN)

### JUNIORS

American Literature or AP English Language  
US History\*\*, AP US, or Social Studies Option  
Math (Alg. 2, Geom., Pre-Calc/Trig, Statistics, Integrated Math)  
Chemistry\* or Physics\* or AP Science  
CRE Options  
Physical Education or Athletic Exchange  
Fine Arts and/or Applied Arts  
Electives

### SENIORS

British Literature or AP English Literature  
Senior Social Studies (Comparative Government, Economics, Current  
Events, Senior Seminar)  
Math\*  
Science\*  
CRE Options  
Physical Education or Athletic Exchange  
Fine Arts and/or Applied Arts  
Electives

\* **STRONGLY recommended for those going to college**

\*\* **STRONGLY recommended for those going to North American colleges**

### NOTE CHANGE IN HS HANDBOOK REGARDING DROPPING CLASSES:

“Requests for withdrawal (as opposed to a class change within the first 2/3 days of a semester) will be considered by the Guidance Counselor using the following descriptions for the student’s transcript.

W – withdrawal during the first four weeks of the course

WP – withdrawal after four weeks with a passing grade

WF – withdrawal after four weeks with a failing grade

Students are expected to complete year-long classes. Dropping a class at the semester is not often permitted. If a student does wish to request a mid-year course change, ***a special request form must be turned in to the Guidance Office before November 15.***”

Requests to withdraw or drop classes in semester or year long courses will only be considered with certain criteria in mind....The decision must involve the student, teacher, parent, and Guidance Counselor.

# APPLIED ARTS DEPARTMENT

## TECHNOLOGY APPLICATIONS

Technology Applications is a required course for all grade 9 students. It covers advanced topics with MS Office suite and introduces cloud-based applications including Google Apps that will help students effectively use the computer during their high school career. MS Office topics include PowerPoint Themes, Word Automated Bibliographies, and Excel Charts and Pivot Tables. Cloud-based applications include tools for file storage, browser syncing, and staying organized.

Technology Applications also serves as a prerequisite for other high school technology courses and introduces students to a range of technologies including web design, digital photography, digital layout, and programming.

**Prerequisites:** None  
One semester One-half Applied Arts credit

## YEARBOOK PRODUCTION

Students plan, create, and design the yearbook, concentrating on theme and style, copy, layout, and photography. Students will be working both independently and in groups.

**Prerequisites:** Technology Applications is required, Photography and/or Desktop Publishing is encouraged  
One year One Applied Arts credit (May be taken as a semester course with Teacher approval only)

## DESKTOP PUBLISHING

Learn how to produce slick pamphlets, brochures, posters, cover pages and even books with Adobe InDesign. Apply elements of design in complex publishing; great for those planning on taking or currently taking Yearbook.

**Prerequisites:** Technology Applications  
One semester One-half Applied Arts credit

## DIGITAL MULTI-MEDIA

Explore digital video production using a variety of tools and techniques.

**Prerequisites:** Technology Applications or Computer Competency recommended  
One semester One-half Applied Arts credit

## ADVANCED DIGITAL MULTI-MEDIA

Emphasis will be placed on terminology, concepts, elements and techniques of video production; lighting, camera control, audio, processing, editing, writing, producing and directing. The entire class will be involved as a "production team" in which we will work together to produce a professional program from start to finish by the end of the semester. **It will require a high amount of participation. It will also require an occasional Saturday in order to do off campus recording and production tasks.** It will be a fun and exciting experience, yet challenging.

**Prerequisites:** Digital Multimedia or teacher permission  
One semester One-half Applied Arts credit

## WEB DESIGN

This course is for students who have completed Technology Applications. Students are introduced to the fundamental design principles and technology tools to build web sites. Students will build their own webpages and will also get hands-on experience working on the Rosslyn Academy school website.

**Prerequisites:** Technology Applications  
One Semester One-half Applied Arts or Elective Credit

## **ILLUSTRATION**

In this course we will study the enchanting world of illustration; cartooning, magazine covers, children's books, and computer generated works (using Adobe Illustrator). As an upper level art course, it is geared toward students who desire to learn how to use illustration styles to communicate visually. Students will be creating amazing works using "tried and true" as well as more modern techniques in illustration design.

**Prerequisites**            2D Design  
One Semester            One-half Applied or Fine Arts credit

## **WOODWORKING**

Woodworking is an introduction to using woodworking power tools and tool safety. Students will learn how to lay out patterns and designs and then fabricate the designs. A fun hands on approach to this entry level wood class.

**Prerequisites**            None  
One Semester            One-half Applied or Fine Arts credit

## **ADVANCED WOODWORKING**

Advanced Woodworking is designed for students with higher levels of skills and craftsmanship. Tool safety is revisited. Higher fabrication and creative wood working projects are encouraged. Material cost and estimating are taught along with varnishing/finishing each. This fun class takes each student to a higher level in the work shop setting and applied art programs to come.

**Prerequisites**            Woodworking  
One Semester            One-half Applied or Fine Arts credit

## **CULINARY ARTS**

Students learn about nutritious food choices and practice basic food and recipe preparation using varied cooking techniques. They are also exposed to and taught wise shopping and planning methods as they prepare to move out on their own.

**Prerequisites:**            None  
One semester            One-half Applied Arts credit

## CHRISTIAN RELIGIOUS EDUCATION DEPARTMENT

One-half CRE credit must be earned each year the student is at Rosslyn Academy.

### OLD TESTAMENT SURVEY -- CRE 9

This is a survey of the Old Testament. The class studies the origin of the Bible and its preservation over the years. Time is spent examining the Pentateuch as well as the kings, historical books and prophets.

**Prerequisites:** Required for all Grade 9 students. Transfer/New students may also take this course.  
One Semester One-half CRE credit

### NEW TESTAMENT SURVEY – CRE 10

This class is a survey of the New Testament, looking especially at the impact of Jesus' life and message on first century Palestine, and drawing connections to today.

**Prerequisites:** Required for all Grade 10 students. Transfer/New students may also take this course.  
One Semester One-half CRE Credit

### CHRISTIAN ETHICS

A study of Christian ethics and its application to everyday living. Prevailing moral issues of today's world will be discussed and debated.

**Prerequisites:** Junior or Senior standing  
One Semester One-half CRE Credit

### WORLD RELIGIONS

An overview and study of various major religions comparing and contrasting each to Christianity as the standard.

**Prerequisites:** Junior or Senior standing  
One Semester One-half CRE credit

### CHRISTIANITY AND CULTURE

Christianity and Culture will allow students to interact with various topics represented in the culture of our day. Those topics, whether from current media or discussions, will be viewed through the lens of Christianity and scripture. Views from different Christian thinkers will be considered as students are encouraged to develop discerning minds.

**Prerequisites:** Junior or Senior Standing  
One Semester One-half CRE credit

### WORSHIP 1

Worship 1 class studies three main areas which relate to corporate worship in the Christian setting: Personal and Group Musicianship (*Growing your gifts through practice, instruction, and "performance" experience*); Biblical Foundations of Worship (*Why do we worship through music in the church?*); Mechanics of Worship Leading (*How does one prepare and lead worship music for others?*).

**Prerequisites:** Sophomore, Junior or Senior Standing and Teacher Approval. Audition may be required.  
One Semester One-half CRE credit or One-half Fine Arts Credit

### WORSHIP 2

Worship 2 class is for advanced musicians and student spiritual and musical leaders and studies three main areas which relate to corporate worship in the Christian setting: Personal and Group Musicianship; Spiritual Leadership and Integrity; Musical Leadership.

**Prerequisites:** Worship 1 and audition  
One Semester One-half CRE credit or One-half Fine Arts Credit

## **DISCIPLESHIP**

The purpose of the class will be two-fold: 1) to go deeper in the basic building blocks of Christianity, focusing on daily growth and accountability, and applying these Scriptural truths/principles to our everyday lives; and 2) for students to learn how to disciple others and become lifetime disciple-makers.

**Prerequisites:** Junior or Senior standing and Teacher Approval.

One Semester            One-half CRE credit

## **LEADERSHIP**

Simply stated, this class is about leadership – and topics will range from the history of leadership theory, to current leadership practices. The backbone of this course comprises of an examination of the essential skills and attitudes necessary for quality leadership from a Christian worldview. Coursework will consist of discussions, case studies, reports, active role playing, and engaging in leadership opportunities. A significant portion of the students' course grades will require practical application of leadership principles in the Rosslyn community.

**Prerequisites:** Junior or Senior standing

One Semester            One-half CRE credit

## ENGLISH DEPARTMENT

### ENGLISH 9

Introduction to Language, Composition and Literature. This class will focus on developing strong writing and research skills, and will introduce students to literary analysis. Instruction will be given in the areas of grammar, sentence and paragraph structure, as well as essay basics. Reading is also a key component of learning to write well, and so some portions of the year will be spent studying a few time-honored classics of literature, such as *Romeo and Juliet* and *To Kill a Mockingbird*.

**Prerequisites:** Required  
One year One English credit

### GLOBAL LITERATURE

Students enrolled in this course will study poetry, drama, novels and short fiction from various non-western cultures. Units will have a geographical focus including Africa, Latin America, Asia, and the Middle East. Major literary works include *Cry the Beloved Country*, *Things Fall Apart*, *Life of Pi* and *The Alchemist*. Global Theater and Media will also be studied.

**Prerequisites:** Required  
One year One English credit

### AMERICAN LITERATURE

This course offers an in-depth study of American literature with an emphasis on oral and written analyses. Major literary works include: *The Scarlet Letter*, *Great Gatsby*, *The Sun Also Rises* and *The Crucible*. Students continuously study vocabulary and will write numerous literary analyses and research papers.

**Prerequisites:** Freshman and Sophomore English credits.  
One year One English credit

### BRITISH LITERATURE

This course is entirely focused on British Literature. The material covered includes short stories, poetry, novels, and plays, stretching from the early Anglo-Saxon writings all the way to the 20th century. Major works include *Beowulf*, *The Canterbury Tales*, *Macbeth*, *The Importance of Being Ernest*, and *Lord of the Flies*. There are also numerous excerpts for study, including *Paradise Lost*, *The Pilgrim's Progress*, and *Pride and Prejudice*.

**Prerequisites:** Freshman, Sophomore, and Junior English credits  
One year One English credit

### AP ENGLISH LITERATURE AND COMPOSITION

Advanced Placement English Literature offers an intensive study of English literature. Various genres and styles in world literature will be studied. This broad approach will introduce students to more literary ideas, attitudes, and works. Students will be expected to read independently, and to write regularly to develop composition and critical thinking skills. Specific preparation for the AP English examination is also part of the curriculum.

**Prerequisites:** B or better in American Literature, 3.45 GPA or higher, and Teacher recommendation  
One year One English Credit

### AP ENGLISH LANGUAGE AND COMPOSITION

The purpose of the AP English Language and Composition course is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. Students will be expected to read and write independently, engage in peer editing and consultation, and will be encouraged to place significant emphasis on content, purpose, and audience to allow this focus to guide the organization of their writing.

**Prerequisites:** B or better in Global Literature, 3.45 GPA or higher, and Teacher recommendation  
One year One English Credit

### **LITERARY APPRECIATION – reading based**

Students enrolled in this course entails reading a variety of literary texts – including contemporary fiction, fantasy, nonfiction, drama, etc. – in order to more fully appreciate the writing styles, genres, and popularity of literature. The bulk of the course will be discussion oriented, so abilities in this area are a prerequisite to success in this class. This course will be offered in alternate years.

**Prerequisites:** Junior or Senior standing  
One Semester One-half Elective credit

### **JOURNALISM – writing based**

Journalism is a hands-on class in which students will learn the fundamentals of writing for an audience, and be required to practice writing, editing, revision, reporting, layout, and professional skills, as related to producing a school newspaper.

**Prerequisites:** Sophomore, Junior or Senior standing, Teacher Approval  
One Semester One-half Applied Arts or Elective credit

### **INTRODUCTION TO COMMUNICATION**

This course is designed to help students develop effective public speaking skills. Students are provided with the opportunity to prepare and present a variety of types of speeches. This course is highly recommended before taking MUN.

**Prerequisites:** None  
One semester One-half Elective Credit

### **CREATIVE AUDIO DOCUMENTARY AND PODCASTING**

Programs like *RadioLab* and *This American Life* have created a whole new category in the world of documentary journalism – one combining storytelling, sound, and music in amazingly compelling and creative ways. In this course, students will listen to and study a number of award-winning radio pieces and learn to write, record, and produce their own creative audio documentaries.

**Prerequisites:** Sophomore, Junior or Senior standing, Technology Applications  
One Semester One-half Applied Arts or Elective credit

# FINE ARTS DEPARTMENT

## *Visual Arts Department*

### **VISUAL JOURNALING**

Visual Journaling is a course designed for both the beginning art student and those who have already taken many arts courses. The course will cover basic book making skills to create individual journals. The beginning of the course will focus on exploration of a variety of mediums and techniques; the second part will be an introduction to how to use visual language and images to explore concepts and ideas about the world we live in.

**Prerequisites:** None  
One semester One-half Fine Arts Credit

### **2D DESIGN**

Two-dimensional Design focuses on the art of drawing using a variety of media. Students will increase their confidence as artists through an understanding of technique and the development of a critical eye. Personal exploration will be stressed and aided by the study of art, art styles, art techniques, and the artwork of professional artists. This is a good course for new art students as well as students that have a strong art background but wish to improve their skills. This course may be repeated at an advance level for additional credit; Advanced 2d Design.

**Prerequisites:** None  
One semester One-half Fine Arts Credit

### **ADVANCED 2D DESIGN**

(See above.)

**Prerequisite:** 2D Design  
One semester One-half Fine Arts Credit

### **3D- DESIGN**

Students study and learn about a variety of sculptors throughout history and across cultures. Students consider the significance of the artists' work within the time line of art history. Students create sculptures based on lessons learned around the artists studied. Students are exposed to a variety of mediums to use to create sculpture including but not limited to, clay, wood, wire, stone and other materials. Students also learn how to apply knowledge of professional sculptors their work to their own creations. This course may be repeated at an advance level for additional credit; Advanced 3D Design.

**Prerequisites:** Pottery I  
One semester One-half Fine Arts Credit

### **ADVANCED 3D DESIGN**

Further exploration of sculpture techniques and media explored in 3D Design. (See above.)

**Prerequisites:** 3D Design  
One semester One-half Fine Arts Credit

### **POTTERY I**

Play with Clay! Get dirty and create some cool stuff too! This course is an introduction to pottery. Hand-building techniques will be stressed but wheel-throwing practice will be required as well.

**Prerequisites:** None  
One semester One-half Fine Arts Credit

## **POTTERY II**

This course caters to the gifts of individual pottery students. Hand-building Techniques, Sculpture, Production Pottery, Decorative Throwing can all be chosen as areas of emphasis.

**Prerequisites:** Pottery I and Teacher Approval  
One semester One-half Fine Arts Credit

## **PAINTING**

Painting is an introductory course to the basics of acrylics and watercolors. Through these two mediums, students will learn about color theory, basic color wheel terms, mixing, schemes and how to use color to achieve mood, emotion and principles of design. Students will also study famous painters and how they used color, such as the impressionists, pop artists, surrealists, etc. This course may be repeated at an advance level for additional credit; Painting II.

**Prerequisites:** 2D Design  
One Semester One-half Fine Arts Credit

## **PAINTING II**

Further study and investigation of painting techniques introduced in Painting I. (see above)

**Prerequisites:** Painting I  
One Semester One-half Fine Arts Credit

## **PRINTMAKING**

Students will study a variety of printmaking techniques, tools and materials from current and historical sources. The students will also be exposed to many artists that use printmaking techniques in their works of art.

**Prerequisites:** 2D Design  
One Semester One-half Fine Arts Credit

## **ILLUSTRATION**

In this course students will study the enchanting world of illustration; cartooning, magazine covers, children's books, and other print media. As an upper level art course, it is geared toward students who have fundamental art knowledge and who desire to learn how to use illustration styles to communicate visually. Students will be creating works using "tried and true", as well as, modern techniques in illustration design.

**Prerequisites:** 2D Design  
One Semester One-half Fine Arts or Applied Arts credit

## **AP STUDIO ART 2-D**

AP Studio Art 2d is an advanced placement art course designed for highly motivated students with a strong interest in art. This course recognizes that art is an ongoing process and strives to provide each student with visual challenges that will them to develop their own personal "artistic voice," stressing the creation, development and communication of personal ideas and emotions. This year-long course will be a sustained exploration and experimentation of art. It will give each student the opportunity to develop further mastery of ideation, composition and execution of quality artwork. Throughout the year students will generate college-level pieces and compile a portfolio of their work, including the creation of a body of work with an intentional underlying visual theme. This portfolio can then be sent to AP College Board for assessment.

**Prerequisites:** Teacher approval, 2D, and at least one additional art class. Junior/Senior standing  
One year One Fine Arts Credit (May be taken as semester course with teacher approval)

## **AP ART HISTORY**

A year long course for which students can earn credit for either Fine Art OR Social Studies. AP Art History is an in-depth study of art (architecture, painting, sculpture, etc.) and its cultural/historical significance. It is a critical thinking course which challenges students to examine and analyze forms of artistic expression across the globe and throughout the centuries.

**Prerequisites:** Teacher Approval, Junior/Senior standing  
One year One Fine Arts Credit or One Social Studies Credit

## **INTRO TO DIGITAL PHOTOGRAPHY**

This is a beginning course in the fundamentals of photography. Students will learn both technical skills and creative skills related to digital photography. A secondary emphasis will be placed on digital post-editing for digital images. Note: Students must provide their own advanced digital cameras or rent one from the department.

**Prerequisites:** Technology Applications required; Advanced Digital Camera is required – either a Digital SLR camera, or an advanced Digicam with easy to use Manual exposure mode. There are a few cameras available for rent from the instructor on a first come first serve basis.  
**Student must get approval for their own cameras from the instructor *prior* to registration.**  
One semester One-half Fine Arts or Applied Arts credit

## **ADVANCED DIGITAL PHOTOGRAPHY**

Advanced Photography is a course designed to build on the skills in photographic design and processing developed in the course Introduction to Photography. Intro to Photography is thus a prerequisite for admission to this course. Advanced Photography will provide opportunity to learn about a variety of styles of photography both in practice and in reading and research. Note: Students must provide their own SLR digital cameras. There is also a list of recommended equipment available from the instructor.

**Prerequisites:** Intro to Photography and Teacher Approval  
One Semester One-half Fine Arts or Applied Arts credit

## ***Drama Department***

### **INTRODUCTION TO THEATRE**

During the first quarter, students experience acting basics, technical basics, and develop their philosophical view of the theatre. A devising theatre project based on a class-chosen theme is performed, demonstrating how theatre can inform, educate, and inspire a society. The second quarter is a brief study of Shakespeare, of theatre companies around the world, and of roles/jobs in the theatre. It culminates in small group Shakespearean Theatre Companies, giving students the opportunity to try out an appealing theatrical job and act in a Shakespeare scene. The class is active and fast moving. Students get to explore and try their hand at the art and science of the theatre.

**Prerequisites:** None  
One semester One-half Fine Arts Credit

### **ACTING**

Acting class provides the group and individual study, practice, and performance of voice, movement, and characterization techniques and theories of acting in the context of various genres of the theatre.

**Prerequisite:** Introduction to Theatre  
One Semester One-half Fine Arts credit

## **STAGE PRODUCTION**

This course will offer training in the design, technical skills, and implementation of all the non-acting aspects of theater, including scenery, costumes, lighting, properties, makeup, and sound. Students rotate between these 6 stations, spending 2 weeks on each. In each 2 week section, they focus on a new short play and a director's basic vision, doing research and developing designs. At the end of the semester, each student has a compiled a notebook of their designs, instructions, and photographs of their practical projects.

**Prerequisite:** Intro to Theatre  
One Semester One-half Fine Arts credit

## ***Music Department***

### **ROSSLYN SINGERS**

Rossllyn Singers is a year-long auditioned choral ensemble, which gives approximately six performances throughout the year, covering a wide range of genres of music, including Classical, Spirituals, Jazz, Pop, Folk, etc.. Attention is given to proper vocal and choral technique (Relaxation, Breath, Articulation, Tone Quality, Intonation, Blending, Balance, Phrasing, Dynamics), as well as to musicianship skills (Music Theory, Ear and Sight-Singing). The class is intended for sophomores and above, though freshmen with exceptional skill will be considered. This course may be repeated for additional credit.

**Prerequisite:** Audition or teacher permission  
One Year One Fine Arts Credit

### **GIRLS CHORUS**

The Girls Chorus is a choir of high school girls will perform a variety of styles of music at approximately 3 concerts. There are no prerequisites for this group, though it is preferable for the ladies to have prior choir experience.

**Prerequisite:** None  
1 semester One-half Fine Arts Credit

### **MUSIC THEORY**

This course is for students who are considering a major or a minor in music at the university level. It is designed to give the students the necessary skills needed to pass the university's Theory Placement Exam to get into Theory I thus avoiding taking a "fundamentals course" receiving no credit towards the major or minor. There is no concert performance requirement for this class.

**Prerequisite:** Grade 11 or 12 with previous experience in a large ensemble (band, choir) or advanced piano studies.  
One Semester One-half Fine Arts Credit

### **BAND**

This course is for all high school students who play a woodwind, brass, or percussion instrument. The band performs at the major school concerts and at special extra community functions. This course may be repeated for additional credit.

**Prerequisites:** Minimum of middle school experience on an instrument  
One year One Fine Arts Credit

### **APPLIED INSTRUMENTAL MUSIC**

Applied instrumental music is for students seeking to augment and enhance their individual skills on their respective instruments. Students are expected to work individually, monitored by the teacher in a scheduled 1 on 1 session throughout each week. Students are expected to work mostly on scales, reading, etudes, skill studies and chamber works. Students are expected to prepare a solo and/or participate in a small ensemble. Concurrent enrollment in Band is preferred by not required. Prior experience of at least one year on a wind, percussion or string instrument required.

**Prerequisites:** Teacher approval

One semester            One-half Fine Arts Credit

### **WORSHIP 1**

Worship 1 class studies three main areas which relate to corporate worship in the Christian setting: Personal and Group Musicianship (*Growing your gifts through practice, instruction, and "performance" experience*); Biblical Foundations of Worship (*Why do we worship through music in the church?*); Mechanics of Worship Leading (*How does one prepare and lead worship music for others?*).

**Prerequisites:**            Sophomore, Junior or Senior Standing and Teacher Approval. Audition may be required.  
One Semester            One-half CRE credit or One-half Fine Arts Credit

### **WORSHIP 2**

Worship 2 class is for advanced musicians and student spiritual and musical leaders and studies three main areas which relate to corporate worship in the Christian setting: Personal and Group Musicianship; Spiritual Leadership and Integrity; Musical Leadership.

**Prerequisites:**            Worship 1 and audition  
One Semester            One-half CRE credit or One-half Fine Arts Credit

## FOREIGN LANGUAGES DEPARTMENT

### SPANISH I

Students will begin their study of Spanish by developing speaking, listening, reading and writing skills. In a relaxed atmosphere we will discover together how the Spanish language works. Students will learn basic conversational skills by providing and obtaining information about themselves, their families, friends and daily activities. As Spanish is spoken in Spain, in 18 countries of Latin America and in Puerto Rico, we will explore the rich heritage and culture of the *hispanohablantes*.

**Prerequisites:** None  
One year One Elective credit

**SPANISH II** This course will continue building the student's grammatical skills, enhancing spoken Spanish, and expanding daily usage. The student will also begin reading simple stories, relating to the aspects of the culture. As students continue to progress in both oral and written proficiency, they will learn to describe past events and talk about their plans for the future, discuss food, movies and travel using a broader range of vocabulary and more complex sentence structures. Spanish 2 students will explore further the history, customs and traditions of people who live in the Hispanic world.

**Prerequisites:** Spanish I (C or better)  
One year One Elective credit

### SPANISH III

This course expands on the previous two years of work. The classes are organized into thematic units that allow students to read authentic material from various news and literary sources. Students will gain confidence in expressing their opinions orally and in writing about such issues as relationships, the arts, sports, history, cultures and the environment. Students will broaden their awareness of the many diverse Latin communities found in our world today. Students will be prepared to take the SAT Subject Test in Spanish language with confidence should they desire to do so. Those who wish to take an AP course in Spanish will have a good foundation.

**Prerequisites:** Spanish II (C or better)  
One year One Elective credit

### SPANISH IV

Conducted almost entirely in Spanish, this course provides ample opportunities for students to practice interpersonal communication, both verbal and written. Emphasis is placed on understanding and making oneself understood through maximum exposure to the language. Through various interactive activities and high-interest thematic units, students will be encouraged to lose their fear of being wrong and focus instead on what they can do - communicate. All major grammar points are also covered/reviewed.

**Prerequisite:** Spanish III (C or better)  
One year One Elective credit

### AP SPANISH

In preparation for the AP Spanish Language Exam, students will hone their skills in interpretive and presentational communication via appropriate speaking, listening, reading, and writing activities. Such activities will mimic actual AP test sections, helping students gain confidence to accurately present their Spanish language acumen to the College Board.

**Prerequisite:** Spanish III (B or better)  
One year One Elective credit

## **FRENCH I**

Students will begin their study of a new language by developing speaking, listening, reading and writing skills. We will begin to learn how the French language works. Students will learn, for example, to meet people, and talk about themselves, describe daily activities and their families and friends. French is an international language and the French-speaking countries form a diverse and dynamic segment of the world community. Therefore, we will emphasize the study of French culture. In French 1, although we will look closely at France, we will also investigate the variety of francophone people around the world.

**Prerequisites:** None  
One year One Elective Credit

## **FRENCH II**

This course will extend and improve the student's knowledge of French. The student will gain a broader understanding of French and French speaking peoples. As students continue to progress in both oral and written proficiency, they will also learn to communicate effectively regarding various aspects of daily life: going out with friends, ordering food, choosing clothes, exercising and travel. They will also learn how to describe past events and talk about their plans for the future. In French 2, students will learn about the history, customs, and traditions of people who live in France, Canada, Europe and Africa.

**Prerequisites:** French I (C or better)  
One year One Elective credit

## **FRENCH III**

This course expands on the previous two years of work. Students will study grammar and French civilization and will be introduced to major examples of French literature. French 3 offers the opportunity to expand communication and reading skills. Students will learn to express their thoughts more naturally and effectively. We will learn to communicate on a variety of topics such as making travel reservations, shopping, helping out at home, and leisure activities with friends. Students will increase their awareness of the francophone world and become more familiar with the many contributions that French-speaking people have made in the world of arts, sciences and great ideas. French 3 students will also complete their first full-length novel in French.

**Prerequisites:** French II (C or better and Teacher Recommendation)  
One year One Elective credit

## **AP FRENCH**

Students will continue to advance in oral and written communication skills. There is an emphasis on sharpening listening comprehension and reading skills, as well. Students will learn advanced grammar necessary for the writing of college-level essays. In addition, works by writers such as Ionesco, Sartre, St. Exupery, Voltaire, etc. will be studied. Students will take an in-depth look at the impact of French history upon the nation of France and the francophone world. A variety of oral presentations helps sharpen oral proficiency skills and prepares each student for additional study at the university level, if s/he so desires. Students also have the option of preparing for the Advanced Placement French exam. Preparation will be offered in class throughout the year.

**Prerequisites:** French III (B or better and Teacher Recommendation)  
One Year One Elective Credit

## **KISWAHILI 1**

Students will begin their study of Kiswahili by developing listening, speaking, and reading skills. By learning to provide and obtain information about themselves, their families, friends, and daily activities, students will learn basic conversational skills and begin to read simple given selected paragraphs. Because all people are created in God's image, we will explore and integrate the "Kenyan" culture and some other African cultures represented in the classroom. **Note: This course may not be considered a Foreign Language for some college admission/application purposes. It is advisable to take an additional 2 years of Foreign Language along with Kiswahili 1.**

**Prerequisite:** None (this class is designed for beginners and/or intermediate speakers)  
One Year One Elective credit

## **KOREAN MOTHER TONGUE**

For those who wish to attend a university in Korea, students will learn how to speak, listen, read, and write in Korean and will also learn Korean grammar, literature, culture, history, and Chinese characters, enabling them to take TOPIK level 6, which is required by universities in Korea. For those who wish to take SAT2 Korean, they will take practice tests and get ready.

**Prerequisites:** Basic knowledge of Korean language  
One Year One Elective Credit

## **KOREAN 1**

This is an introductory course in Korean offered for non-native speakers. The course will have two sections, beginner and advanced (for those who took Korean in middle school). In the beginner section, students will learn about the invention of the Korean language, how it works, and its effectiveness. Afterwards, they will learn consonants and vowels to make words by mixing the consonants and vowels and to read Korean.

Students will learn basic grammar and also learn more about Korea through the study of the Korean culture.

**Prerequisites:** None  
One Year One Elective credit

## **KOREAN 2**

In the advanced section, students will learn more advanced, various, and accurate grammar and rules. The goal of the class is that students become able not only to use Korean but also take SAT2 Korean and learn more about the Korean culture and history.

**Prerequisites:** Korean 1  
One Year One Elective credit

## **KOREAN 3**

This course will extend and improve the student's knowledge of the Korean language and culture. The course will consist of memorizing 1,000 vocabulary and 18 Bible verses in Korean, speaking Korean competently through learning grammar and the right usage of the verbs, and writing journals using right sentence structures. Students will also increase their knowledge of the Korean language and culture by watching and listening to Korean songs, dramas, and movies. Through children's books and playing Korean games, students will also understand more of the Korean culture.

**Prerequisites:** Korean 2  
One Year One Elective credit

## MATHEMATICS DEPARTMENT

### ALGEBRA I

This course is the math class that most students will take in 9th grade. Students learn to use mathematical language in problem solving. Students study operations with polynomials and rational and irrational numbers. Other topics include factoring, graphing equations and inequalities, solving quadratic equations, and solving systems of equations and inequalities. A scientific calculator is required for this course.

**Prerequisites:** None  
One year One Math credit

### ALGEBRA IA / ALGEBRA IB

Each of these two courses is equivalent to one semester of Algebra I spread out over an entire school year. The topics are the same, but they are covered at a slower pace. A scientific calculator is required for this course.

**Prerequisites:** Teacher Recommendation  
One year for each course One Math credit for each course

### GEOMETRY

This is the next math course to be taken following Algebra I, typically in 10th grade. This course is the study of the deductive approach of Euclidean Geometry. A body of theorems, postulates and definitions is built on the undefined terms of point, line and plane, which are then used to form logical inductive and deductive proofs. Special attention is paid to the relationships of lengths and angle measures of polygons, with application of algebraic methods to solve geometric problems. Further topics include circles, volumes of solids, introduction to trigonometry and transformations. A scientific calculator is required for this course.

**Prerequisites:** Algebra I or Algebra IB  
One year One Math credit

### ALGEBRA II

Algebra II reviews most Algebra I concepts and develops them at a more complex level. Studies are made in irrational and complex numbers and analytic geometry. Exponential and logarithmic functions are briefly examined, as are sequences and series. The study of trigonometry includes the solutions of triangles (Law of Sines; Law of Cosines) and the concept of radian measure. This course is typically taken in 11th grade. A graphing calculator (TI-83+ or better) is required.

**Prerequisites:** Geometry (Alg II may be taken concurrently with Geometry with an A in Algebra I & teacher recommendation)  
One year One Math credit

### STATISTICS

This is an elective course for students who have completed Algebra II and would like an additional year of mathematics. It is intended for 12th grade, but could also be taken by 11th grade students. The topics covered in statistics deal with data analysis, such as finding trends, probabilities, and making predictions. The subject is particularly useful in business and the biological, behavioral, and social sciences. A TI-83+/84+ graphing calculator is required for this course.

**Prerequisites:** Algebra II  
One year One Math credit

### INTEGRATED MATH

This non-college preparatory course features a mixture of the fundamentals of algebra, geometry, trigonometry, and basic probability and statistics. SAT/ACT preparation and practical personal finance are also included in the curriculum. Students will learn mathematics by doing hands-on activities, often in groups.

**Prerequisites:** Teacher Recommendation.  
One year One Math Credit

## **PRE-CALCULUS/TRIGONOMETRY**

This is an elective course for students who are **strongly motivated in mathematics**. It is intended for 12th grade students as well as 11th graders who are Calculus bound. Basic skills including Algebra II are pre-requisite for this course, and practice in the fundamental skills of algebra, geometry, and trigonometry is provided while advanced topics are introduced. New topics involve the algebraic properties of matrices, logarithms, arithmetic and geometric sequences and series, and trigonometric equations. Conic sections are analyzed in detail, as are higher degree polynomial equations. Considerable emphasis is placed on the use of technology to solve problems. A graphing calculator (TI-83+ or better) is required for this course.

**Prerequisites:** Algebra II (B or better); strongly recommended: Geometry (B or better)  
One year One Math credit

## **AP CALCULUS**

Advanced Placement Calculus is for students who have a strong interest in mathematics or its applications in other fields such as engineering, physics, medicine, or other sciences. Students must be strongly self-motivated in mathematics and willing to spend sufficient time at their assignments. Concepts from previous topics are expanded, while new topics related to limits, differentiation with applications, integration with applications, and exponential and logarithmic functions are investigated in detail. Part of the curriculum deals with the use of technology to solve problems. A graphing calculator (TI-83+ or better) is required for this course.

**Prerequisites:** B or better in Geometry, Algebra II, and Pre-Calculus/Trigonometry (Teacher Approval)  
One year One Math credit

## PHYSICAL EDUCATION DEPARTMENT

All students are required to take 1.5 credits of physical education, **including Fitness and Health**. Physical education classes at Rosslyn are coeducational. These courses will encourage the student to develop an appropriate level of physical fitness and to develop the skills and knowledge necessary to be successful in each activity. Each class may only be taken one time for PE credit. **Every student is required to have and wear a PE uniform for class.** A description for each course is listed below.

**PE/Athletic Credit Exchange:** Students may exchange participation in the Rosslyn athletic program with PE credit with these criteria in mind:

- The only sports including in this program in 2013-2014 are Varsity and JV Basketball, Soccer and Field Hockey. Participation on the swim team will be counted for credit but only for year round swimmers.
- **The credit exchange will be under a signed contract between coach, parent, student and Guidance Counselor. This contract must be signed prior to the start of the season.** Forms are available in Guidance Office.
- One season of participation is equal to one-quarter credit. (Swimmers must participate in all three seasons to earn one-quarter credit.)
- Students may only repeat the credit exchange in a single sport one time...ie. a maximum of one-half credit will be allowed for any individual sports such as basketball.
- In the case of injury or illness, the loss of participation in a sport season may result in a loss of the credit exchange

### FITNESS AND HEALTH

This course is designed **primarily for ninth grade students** and will discuss health issues and introduce the five major aspects of physical fitness.

**Prerequisites:** None (required for 9<sup>th</sup> graders and transfer students without a Health credit)  
One Semester One-half P.E. credit (required for graduation)

### INTERNATIONAL TEAM SPORTS

This course is designed **primarily for tenth grade students** and will introduce various international team sports (e.g. softball, flag football, cricket, netball, shinty, team handball, Lacrosse, ice/floor hockey, korfbal, water polo, water volleyball, and research of international team sports). Fitness concepts will be incorporated into the class.

**Prerequisites:** None  
One Semester One-half P.E. credit

### LIFETIME SPORTS

This course is **designed for eleventh and twelfth grade students**. The importance of lifetime activity will be the focus of this course. It will present the students with many different options of sports and activities which can be played well into adulthood and with small numbers of people (e.g: golf, frisbee activities, archery). Fitness concepts will also be incorporated into the class.

**Prerequisites:** None  
One Semester One-half P.E. credit

### PERSONAL CONDITIONING

This course is **designed for eleventh and twelfth grade students**. The student will develop an independent overall conditioning program (incorporating the major aspects of physical fitness) and monitor fitness progress throughout the semester.

**Prerequisites:** None (required for transfer students who have a health credit but no fitness credit)  
One Semester One-half P.E. credit

### **ADVANCED PERSONAL CONDITIONING**

Although primarily a personal conditioning class, students will be expected to follow somewhat difficult daily workouts that are designed at improving overall fitness. Character and leadership components will also be explored during the semester with a focus on Spartacus, a historical figure who rose from humble beginnings to lead a revolution against Roman rule. His life exemplified determination, integrity and action-oriented leadership.

Pre-Requisites: Junior or Senior Standing  
One semester 0.5 PE Credits

### **RACQUET SPORTS**

**This course is designed for eleventh and twelfth grade students.** The focus is on learning the rules and development of skills for racquet sports (e.g. tennis, badminton, Pickle ball). Fitness concepts included.

**Prerequisites:** None  
One Semester One-half P.E. credit

### **SWIMMING**

This course is designed to introduce/ increase the principles of swimming and water safety. The importance of lifetime activity will be the focus of this course. Fitness concepts will also be incorporated into the class.

**Prerequisites:** None  
One Semester One-half P.E. credit

### **BASIC LIFE SAVING**

This course is designed to prevent water accidents by giving students the swimming skills, knowledge, habits and attitudes which make one safe in, on and around water. Further the course content and activities prepares students to recognize emergencies, respond quickly and effectively to emergencies and prevent drowning and other incidents. Basic lifeguarding skills will also be taught. All skills are taught at a level commensurate with the individual student's ability. **MAXIMUM ENROLLMENT: 15.**

**Prerequisites:** Good Swimming Skills  
One Semester One-half PE credit

## RESOURCE DEPARTMENT SPECIAL OFFERINGS

Various support services are offered to certain students needing individualized help. The current services offered are for the mild to moderate Learning Disabled, Attention Deficit Hyperactivity Disorder (ADHD) and English as a Second Language (ESL). Admittance to these programs shall be granted by an Eligibility Committee and the student's willingness to participate. (See the Student-Parent Handbook: Special Instruction Program of Rosslyn Academy).

### **SPECIAL INSTRUCTION/RESOURCE (may be offered on a consult basis)**

This class is available for students who have been diagnosed with a Learning Disability/ADHD.

**Prerequisites:** formal testing/diagnosis; space in the program  
One Semester One-quarter Elective Credit

### **ENGLISH AS A SECOND LANGUAGE**

This class is available for students for whom English is not their first language and who are not proficient in the English language. Admittance into the program is based on English testing and teacher availability.

**Prerequisites:** None; Space in the program  
One Semester One-half Elective Credit

### **TEACHER ASSISTANT**

A student may choose to assist in the library, office or classroom situation. They will be required to act in a professional manner fulfilling the requirements of their teacher/supervisor. May be repeated for credit. The student will receive a pass/fail grade.

**Prerequisites** By arrangement with a teacher/supervisor  
One Semester One quarter elective Credit

## SCIENCE DEPARTMENT

### CONCEPTUAL PHYSICS

This course is offered at the 9<sup>th</sup> grade level. It will survey the forces and interactions that govern our world in a hands-on, concept-based fashion.

**Prerequisites:** None  
One Year One Science credit

### BIOLOGY

Students in this survey course through lectures and labs will study the foundational areas of biology- anatomy, botany, cytology, genetics, taxonomy and zoology. Normally a required tenth grade course. **Grade 9 students taking Biology must be enrolled in Geometry concurrently.**

**Prerequisites:** 9<sup>th</sup> grade Conceptual Physics or similar course (except by department head approval.)  
One Year One Science credit

### AP BIOLOGY

Advanced Placement Biology is a college level course for the student who is interested in exploring Biology further. Students will do an in-depth survey of topics previously covered in Biology. Starting from the chemistry of life, the course progresses through cellular organization and function, heredity and evolution, diversity of organisms, and the structure and function of plants and animals. This course prepares students for the May AP exam.

**Prerequisites:** B average or better in Biology, Chemistry, and Algebra I  
One Year One Science Credit

### HUMAN ANATOMY AND PHYSIOLOGY

A yearlong course surveying the parts and functions of the human body. The course will include extensive lab/dissection assignments as well as class lectures. This course is a yearlong course, but students who have taken one semester of A&P during a previous year, may enroll during Semester 2. Students may also opt to take first semester only.

**Prerequisites:** Biology (recommend a C grade)  
One Year One Science credit

### ENVIRONMENTAL SCIENCE

A one year course with an emphasis on Ecological relationships within our environment. Lab work includes field studies as well as traditional lab work. Students required to complete an independent field study project in lieu of exam. Students are also required to participate in an overnight camping/field study trip. Students may opt to take only first semester, but they must then complete a major project before Christmas.

**Prerequisites:** Biology  
One Year One Science credit

**CHEMISTRY** This course deals with the structure and properties of matter and its changes. Topics include chemical formulas, chemical equations, the mole, phases of matter, gas laws, the periodic table, chemical bonding, solutions, and acids and bases. Concepts will be reinforced through periodic laboratory experiences.

**Prerequisites:** C Average or better in Biology, Conceptual Physics, Algebra I, and Algebra II (concurrent enrollment in Algebra II is acceptable)  
One Year One Science credit

### AP CHEMISTRY

AP Chemistry is a college entry course which can deliver advanced standing with a wide range of Colleges with the completion of an external exam. This course would suit students who are aiming to complete college courses in

Chemistry, Chemical Engineering, Pharmacy, Biochemistry, Forensic Science and Toxicology, Medicine and Environmental Chemistry. Internal assessment will be assessed on topic test results, lab reports, and homework completion. A high grade is achieved only on a demonstrated understanding of the content.

“AP (Chemistry) is a rigorous academic program built on commitment, passion and hard work of students...” (Collegeboard AP document). Students would need to be committed to a minimum of 5 hours of homework per week.

Course work and lab work builds on the Chemistry course and includes:

- Review of atomic structure and bonding fundamentals. More advanced treatment of electron placement, bonding and molecular geometry (including complexes). Nuclear chemistry.
- Review of states of matter. More detailed treatment of Kinetic Molecular Model for solids, liquids and solutions.
- Review and extension of the understanding of reaction types, including acid-base, redox, and electrochemistry. More detailed treatment of stoichiometry, equilibrium, acid base theory, kinetics and thermodynamics will be covered.
- Introduction to the nature and organization of inorganic and organic chemicals
- A set of lab experiences that support the above, particularly focusing on lab skills communication and application of chemical theory.

**Prerequisites:** Completion of Chemistry 2012-2013 with an A or high B grade if the instructor is convinced of a student's superior work ethic.

One Year                      One Science credit

## **PHYSICS**

A college-prep physics course which provides a hands-on systematic introduction to the main principles of physics (such as motion, forces, energy, electricity, sound, light) and emphasizes the development of problem-solving abilities.

**Prerequisites:** B or better in Chemistry and Precalculus. May be taken concurrently with Chemistry and Precalculus with teacher approval.

One Year                      One Science credit

## **AP PHYSICS C: MECHANICS**

AP Physics C: Mechanics is a college level course which covers the following topics in depth: kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. This course is especially appropriate for students who plan to go into physics, engineering, mathematics, or other physical sciences.

**Prerequisites:** B average or better in Physics & Precalculus; must be taken concurrently with AP Calculus.

**\*Note change:** AP PHYSICS B is no longer being offered.

## SOCIAL SCIENCE DEPARTMENT

**Social Studies Diploma Requirements and Recommendations:** Senior Social Studies is a required course for graduation. United States History or AP United States History is a required course for all US citizens and strongly recommended for all students applying to US universities. Considering that the credit requirement in Social Studies is 3 credits, it is recommended that Grade 9 and 10 students enter Grade 11 with a minimum of 1 Social Studies credit. Students may take Social Studies in both Grade 9 and 10, but it is not required. Students in Grades 9 and 10 may choose between World Geography, World History, AP World History and Western Civilization. It is highly recommend that students who want to take AP World History in Grade 10, should also take a Social Studies in Grade 9.

### WORLD GEOGRAPHY

A survey of the world's countries and cultures. The course looks at how climate, physical geography, history, religion and traditional customs affect the world's current political and social cultures. The course also includes a significant research project where the Big6 will be taught and implemented.

**Prerequisites:** None  
One Year One Social Science credit

### WORLD HISTORY

The course offers a balanced global coverage from ancient to modern, with Africa, the Americas, and Asia represented.

**Prerequisites:** None  
One Year One Social Science credit

### WESTERN CIVILIZATION

The course will concentrate on history from ancient and medieval times to the 20 century with emphasis on western civilization and Europe.

**Prerequisites:** None  
One Year One Social Science credit

### AP WORLD HISTORY

Advanced Placement World History offers a balanced global coverage, with Africa, the Americas, Asia and Europe all represented. The course builds on the understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. It is highly recommended that students applying for AP World History have taken a Grade 9 Social Studies credit.

**Prerequisites:** Recommended for Grade 10 with a GPA of 3.35 or higher, Teacher Approval  
One Year One Social Science credit

### U.S. HISTORY

A study of the history of the United States beginning with the discovery of the "New World" and moving through the 21<sup>st</sup> century. Students will study the major events of U.S. History with emphasis on the causes, effects, and people involved.

**Prerequisites:** Required for U.S. citizens; strongly recommended for all Juniors, especially students who will attend college in the United States or Canada.  
One Year One Social Science Credit

## **AP U.S. HISTORY**

Advanced Placement U.S. History is an in-depth study of United States history from Exploration to the 21st century. Emphasis will be on critical thinking, analysis of events and research in preparation for the AP U.S. History Exam. **Placement in AP US History is competitive and not guaranteed.**

**Prerequisites:** 3.35 GPA, Teacher Recommendation  
One Year One Social Science credit

**\*\*One of the US History courses (US History or AP US) is required for U.S. citizens and highly recommended for all Juniors who will attend college in North America.**

## **ASIAN STUDIES**

The study of anthropology is applied to Asian cultures. Particular emphasis is given to current events, trends in development, modern Asian literature, and cross-cultural education.

**Prerequisites:** 10<sup>th</sup> grade or later  
One half year One-half Social Science credit

## **AFRICAN CULTURES**

This course is designed as a basic introduction to Cultural Anthropology with Africa as its emphasis. Culture is understood as the learned body of knowledge, belief, and custom that people use to organize their natural and social environment. The course will broadly cover the central concepts of Cultural Anthropology as a subgroup of Anthropology in general. An emphasis will be placed on a comparative study of African cultures with Western thought and cultural traditions. Students will analyze their own cultural background with different tribal groups and general traditions of Africa. Cultural Anthropology will focus on social organization, subsistence living, economies of Africa, politics, traditions, and the impact of Western thought and religion.

**Prerequisite:** 10<sup>th</sup> grade of later  
One Semester One-half Social Science credit

## **AP Art History**

A year long course for which students can earn credit for either Fine Art OR Social Studies. AP Art History is an in-depth study of art (architecture, painting, sculpture, etc.) and its cultural/historical significance. It is a critical thinking course which challenges students to examine and analyze forms of artistic expression across the globe and throughout the centuries.

**Prerequisites:** Junior/Senior standing and teacher approval  
One year One Art Credit or Social Studies Credit

## **AP Psychology**

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. AP Psychology will be offered on an every other year cycle and will alternate with the regular Psychology (one semester) course.

**Prerequisites:** Juniors/Senior standing and teacher approval  
One Year One Social Science credit

## **MODEL UNITED NATIONS**

A study of the workings and purpose of the United Nations. Students will be involved in debate, parliamentary procedures, resolution-writing and current events. Participation in the East Africa Model United Nations is required during Semester II. NOTE: Placement in MUN is competitive and not guaranteed.

**Prerequisites** Sophomore, Junior, Senior standing, teacher recommendation  
Semester I One half Social Science credit or elective credit

(Students may participate more than one year, but Social Science credit will be given only once; after that, Elective credit will be given)

## **AP EUROPEAN HISTORY**

AP European History is offered on an every other year cycle. The course will not be offered for the 2013-2014 year but will return in 2014-2015.

## **BUSINESS**

This class will introduce students to principals of entrepreneurship, investing and business ethics and leadership.

**Prerequisites:** Junior or senior standing  
One Semester One-half Elective Credit

**SENIOR SOCIAL STUDIES** A required course for Seniors which includes one quarter of each of the following courses:

### **Comparative Government**

An in-depth study of the comparative and U.S. federal government. Students will study the origin of the systems of government. Attention will be given to comparing systems of government. National Foreign policies will also be studied.

### **Introduction to Economics**

an introduction to economic principles and theory. Students will study supply and demand, inflation, unemployment, GNP, fiscal and monetary policy, and international trade, among other topics.

### **Current Events**

This course looks at current events, issues and conflicts around the world. Students will learn to identify causes, problem-solve resolutions and be cognizant on current world issues.

### **Senior Seminar**

A course taken during the fourth quarter of the Senior year. Students will pursue a topic in the Social Science disciplines (or interdisciplinary) to do in depth research geared towards a major paper and presentation before an Evaluation Panel. The paper and presentation will involve research, writing skills, speech skills, presentation dynamics, multi-media and/or technology and analysis.

**Prerequisites** Senior standing - **Required for Seniors**  
One Year One Social Science credit

## **CULTURAL FIELD STUDIES**

One week cultural field studies for all high-school students. The field course is designed to expose students to a variety of cultures that exist in Kenya emphasizing Christian service, cross-cultural cooperation, education and social outreach.

**Prerequisites:** Required for all high school students  
One-quarter elective credit

# Rosslyn Academy High School Four-year Plan Worksheet

for \_\_\_\_\_ (name of student)

Date \_\_\_\_\_

## GRADE 9:

1. English 9
2. Social Studies (World Geography, World History, or Western Civ) \_\_\_\_\_
3. Mathematics (Algebra 1A, Algebra 1, Geometry) \_\_\_\_\_
4. Conceptual Physics or Biology (Biology students must be enrolled in Geometry) \_\_\_\_\_
5. Foreign Language \_\_\_\_\_
6. Old Testament & Fitness & Health
7. Tech. Aps. & Electives \_\_\_\_\_

## GRADE 10:

1. English (Global Literature)
2. Social Studies (World Geography, World History, Western Civ, or AP World History) \_\_\_\_\_
3. Mathematics (Alg 1B or Geometry or Alg 2 or doubling up) \_\_\_\_\_
4. Biology or Chemistry (Chemistry students must be enrolled in Alg 2) \_\_\_\_\_
5. Foreign Language \_\_\_\_\_
6. New Testament
7. International Team Sports or PE Athletic Exchange
8. Electives \_\_\_\_\_ & \_\_\_\_\_

## GRADE 11:

1. English (American Literature or AP English Language)
2. Mathematics (Geometry or Alg 2 or Pre-Calc or Statistics or Integrated Math) \_\_\_\_\_
3. Science (Chem or Physics or Env Sci or Anat. & Phys. or AP Bio or AP Physics or AP Chem) \_\_\_\_\_
4. Christian Religious Education \_\_\_\_\_ (.5)
5. PE Options or Athletic Exchange \_\_\_\_\_
6. Social Studies (US History, AP US History or other Social Studies credits) \_\_\_\_\_
7. \_\_\_\_\_

## GRADE 12:

1. English (British Literature or AP English Literature)
2. Christian Religious Education \_\_\_\_\_ (.5)
3. Senior Social Studies
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_

Graduation Requirement is 24 credits which **must** include the following:

*English* – 4 credits      *Math* – 3 credits      *Social Studies* – 3 credits      *Science* – 3 Credits  
*Physical Education* – 1 credit      *Fitness & Health* -- .5 credit      *Applied Arts (computer)* -- .5 credit  
*Christian Religious Education* – .5 credit each year at Rosslyn  
*Fine Arts* – 1.5 credits