



Ronald Reagan Secondary School

Catalog 2016 – 2018

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Susan Lawlor – Director of Learning Resources



Faculty List



Jacqueline A. Blackwell, M. A., University of Virginia
English

George Burgess, M. S., Western Washington University
M. S., Oregon State University
Chemistry, Environmental Sciences

Ali A. Dastmalchi, Ph.D., University of West Virginia
Economics, Management

Beverly Elson, M. A., American University
English

Katrina A. Klaasmeyer, M. A., University of Oregon
Art

David L. Pindel, M. S., Western Illinois University
Biology

Michael L. Powers, M. A., Eastern New Mexico University
History

Grace Zheng, MBA, University of Northern Virginia
Chinese

Jon X. Zhang, Ph.D., University of West Virginia
Computer Science, Mathematics

Jinmin Zhou, M. S., Bowie State University
Computer Science, Information Systems

Raymond Zich, M. S., Indiana University of Pennsylvania
Physics

Greetings from your Principal

Dear Ronald Reagan Secondary School Community,

On behalf of the faculty and staff at RRSS, it is my pleasure to welcome you and your student to the school year 2015 – 16. I am delighted to have your student in our classrooms this year and look forward to sharing the school year together with him/her.

High school is an amazing opportunity for students to prepare for their future and RRSS has made a long-standing commitment to provide students with personalized learning experiences. At Ronald Reagan Secondary School, we are aware that our children need to be ready to meet the needs and challenges of today. However, the road is still quite long as we continue to prepare global-ready students for the future.

As an educator, I will work collaboratively with the staff at our school while endeavor to create an educational partnership with you and your student that will foster courage, determination and passion for knowledge. I am energized and deeply committed to making a positive difference in the lives of your children.

With your help and cooperation, this should be an excellent school year.

Sincerely,



Charlene Ho
Principal

About Ronald Regan Secondary School (RRSS)

Founded as Virginia Resilience Academy in 1956, Ronald Regan Secondary School got its new name in 2013 as a remembrance of the 40th President of the United States. RRSS is focused on serving the needs of students entering grades 9 through 12. The curricula of RRSS is designed upon the pre-collegiate needs of its students, in that, core courses expected to provide the knowledge necessary to score well in standardized tests. However, RRSS values and encourages creative endeavors as well as students' pursuit of personal interests. Thus, our electives offer a wide variety of courses of choose from.

Mission Statement

Ronald Reagan Secondary School cultivates and prepares a diverse group of students for the rigors of a postsecondary education so that they may become learned, successful, productive, and meaningful members of the global community.

-Board Action (Reapproved January 2017)

Core Values

The core values of Ronald Regan Secondary School actively shape the goals and objectives of this institution. These core values pave the way to excellence within our academic community.

- Academic courses should be challenging and provoke students to think independently about all subject matter.
- Secondary schools should teach practical life skills as well as provide a breadth of general knowledge.
- Secondary schools should prepare students for the rigors of higher education.
- All people have an inherent responsibility for the upkeep and care of their local communities.
- Honor and integrity are the foundation of any successful academic system.

-Board Action (Reapproved January 2017)

Institutional Goals

Ronald Reagan Secondary School shall grow ever closer to the completion of its Mission by:

- Emphasizing the development of a clear thought process, thorough planning, logical analysis, and critical thinking in school-wide curriculum and as a means to achieve success;
- Promoting and encouraging students to think creatively and independently, participate in extracurricular and artistic endeavors, and to exceed set expectations;
- Strengthening the moral characters of students through community service and teaching respect and courtesy towards other people; and
- Fostering the search for truth and excellence within ourselves.

-Board Action (Reapproved January 2017)

RRSS Nondiscrimination Statement

Ronald Reagan Secondary School complies with the Drug-Free Workplace Act of 1988 and the Drug-Free Schools and Communities Act Amendments of 1989, and all applicable federal and state laws and regulations. It does not discriminate on the basis of race, color, national origin, sex, sexual orientation, political view, age, religion, disability, status as a veteran or any other personal delimitation or attribute in any of its policies, practices, or procedures. This includes but is not limited to admissions, employment, financial assistance, and educational services.

Code of Honor and Academic Integrity

Ronald Regan Secondary School will presume that all students have an internalized sense of honor upon enrolling and they will abide by the Code of Honor and Academic Integrity. This is a system of mutual trust between all members of the Ronald Regan Secondary School Community. It is the responsibility of all students, faculty, and staff to preserve, foster, and uphold this academic ideal of honor. Those who are found to be lacking in honor and integrity will be dismissed from Ronald Reagan Secondary School.

The students of Ronald Regan Secondary School shall, at all times, forgo, discourage, and abdicate any and all instances of cheating, stealing, plagiarism, lying, vandalism, dishonesty, and corruption.

Code of Conduct

Ronald Regan Secondary School may warrant the discipline of students for nonacademic offenses. This includes conduct which occurred off school grounds or outside of normal school hours. The following actions are subject to school disciplinary hearings.

- Violation of local, state, and federal laws regarding the use and consumption of illicit drugs;
- Endangerment of one's personal safety or the safety of another member of the Reagan Secondary community;
- Assault, attempt to assault, or threat of assault to a member of the Reagan Secondary community;
- Obstruction, impairment, sabotage, or attempts thereof, of school-run, school-authorized, or school-endorsed activities; and
- Harassment and bullying of any member of the Ronald Regan Secondary School community.

Admission to Ronald Reagan Secondary School

Required Documentation

- Application for Admission, completed in full, signed, and fee attached
- All transcripts from the last two grade levels
- Interview with an admissions officer

English and Math Placement

The Admissions staff will evaluate all applicant documentation, and recommend English and math placement for the applicant. The Admissions committee will review each applicant's file as a whole and determine which core courses will be assigned.

Admissions Procedure

1. Contact the Admissions Office at (703) 893-9000, if there are any pre-application questions or to request additional information.
2. Complete the online application and submit the application fee. The application will not be received by the Admissions Office until the application fee is paid.
3. Attach the required transcripts to the online application.
4. Await contact by an Admissions Officer for the scheduling of the applicant interview.
5. Submit the Candidate Personal Statement and Parent Personal Statement
6. Submission of the following items is optional, but may improve the standing of the application: English teacher recommendation, math teacher recommendation, personal recommendation, additional materials for consideration.

Tuition and Fees Schedule 2016-2017

Tuition and fees may be paid in-full directly to Ronald Reagan Secondary School Bursar Office. Tuition can be broken into three payment types: deposit, upfront payment and monthly tuition. A deposit must be received to reserve a spot for your student and is non-refundable. Three payment plans are listed below:

	Deposit	Upfront Payment	Monthly	Total	Note
Plan 1	\$3,000	\$22,500		\$25,500	
Plan 2	\$3,000	\$10,000	\$1,472	\$26,248	9 monthly payments start in August
Plan 3	\$3,000		\$2,750	\$27,750	9 monthly payments start in August

Note: A ten percent discount will apply to each student for siblings who are concurrently enrolled in the same school year or enrolled within one year since an older sibling graduated.

School Fees

Application Fee*	\$100.00
New Student Orientation Fee*	\$75.00
Registration Fee per Term*	\$100.00

Test Preparation Fee per Term*	\$1,500.00
Replacement Diploma*	\$100.00
Replacement ID Card*	\$25.00
Graduation Fee*	\$200.00
Transcripts per Copy*	\$10.00
- Add \$20.00 for Express Transcript* (processed within 48 hours)	
Returned Check Fee*	\$50.00

Tuition and fees are subject to change without notice pending Board of Directors approval.

*non-refundable fees

Refund Policy

Ronald Reagan Secondary School Refund Policy

We do everything possible to assure you are satisfied with our school. However, we do offer a no-questions-asked Ronald Reagan Secondary School refund policy within the **first 5 days** after enrollment.

After the first 5 days, we calculate refunds based on the number of lessons you have completed, tuition paid and length of time you have been enrolled. Any amount you owe or are due is determined by the Tuition Protection Agreement that appears on your Enrollment Agreement.

Cancellation Policy

You may cancel or withdraw in any manner, but we recommend that you do so in writing.

If you withdraw	Amount You Owe
Within 5 Calendar days of enrollment/signing of this Agreement	\$0.00 (100% Refund)
After 5 Calendar days:	
If the student has not submitted any lessons	Non-Refundable Fees + Registration
If the student is a resident of the U.S. state of Virginia, and has submitted at least one lesson, up to and including 5% of the lessons	Nonrefundable Fees + Registration Fees + 5% of Tuition
If the student is a resident of the U.S. state of Virginia, and has submitted more than 5% of the lessons, up to and	Non-Refundable Fees + Registration Fees + 10% of Tuition

If you withdraw	Amount You Owe
including 10% of the lessons, or, for non-Virginia residents, has submitted at least one lesson, up to and including 10% of the lessons	
If the student has submitted more than 10% of the lessons, up to and including 25% of the lessons	Non-Refundable Fees + Registration Fees + 25% of Tuition
If the student has submitted more than 25% of the lessons, up to and including 50% of the lessons	Non-Refundable Fees + Registration Fees + 50% of Tuition
If the student has submitted more than 50% of the lessons	Non-Refundable Fees + Registration Fees + 100% of Tuition

Registration Fee is the lesser of (a) 20% of Tuition and (b) \$200.00. Any amount owed is due within 30 days of cancellation. No refunds made after 18 months from enrollment.

Student Scheduling

Ronald Regan Secondary School’s curriculum emphasizes the mastery of four core subjects, English, history/social sciences, laboratory sciences, and mathematics. Thus, these core courses are allotted more time than elective courses in the daily schedule and are, correspondingly, worth more academic credits.

Each day, students will report to homeroom where they will receive announcements, information, and have their attendance taken. The daily schedule consists of two core courses and two electives. Core courses run for 120 minutes each and elective courses run for 80 minutes each. This allows each teacher to continuously conduct core class sessions for longer periods. There are three minutes between each period for getting to and from classes and lunch breaks are 40 minutes long. There are two daily schedules that rotate every other day to ensure that time among the courses is distributed evenly. The days are distinguished as “Blue” and “Gold” days. Below is an example of the timetable. In the event of a late opening, refer to the RRSS website to view the one-hour or two-hour delay schedules.

Timeframe	Duration	Period	Blue Day	Gold Day
8:00A – 8:10A	10	Pre-class	Homeroom	Homeroom
8:13A – 10:13A	120	Core 1	B1	G2
10:16A– 12:16P	120	Core 2	B3	G4
12:19P – 12:59P	40	Meal	Complementary Lunch	Complementary Lunch
1:02P – 2:22P	80	Elect 1	B5	G6
2:25P – 3:45P	80	Elect 2	B7	G8

Observed Holidays and Breaks

Labor Day – first Monday of September

Columbus Day – second Monday of October

Veterans Day – November 11th, or the preceding Friday, if November 11th falls on a weekend

Thanksgiving Break – no school starting from Thanksgiving Eve until the return to school that following Monday

Winter Break – no school starting from Christmas Eve until the return to school on January 3rd of the next year. If January 3rd falls on a weekend, the return to school will be on the following Monday.

Martin Luther King, Jr. Day – third Monday of January

Washington’s Birthday – third Monday of February

Spring Break – The last Monday through Friday week of March

Memorial Day – last Monday of May

Independence Day – July 4th, or the preceding Friday, if July 4th falls on a weekend

Academic Calendar

Every school year will have an academic calendar published on the school's website. Such calendars will indicate all holidays and breaks as well as the quarterly start and end dates.

Attendance and Truancy

Regular and timely attendance reinforces healthy study habits, learning, and membership within the Ronald Regan Secondary School community. Students who are healthy and available are required to attend all classes. If a student is ill or otherwise unavailable to attend classes, his or her parents must provide written notice to the school of the student's intended or past absence. The notice should contain the following information: student name, grade, date(s) of absence and reason(s) for absence. Student quarterly and annual reports do indicate absences and tardy days. Commonly acceptance reasons for absence are below.

- Illness of student
- Death in the family
- Appointment with medical personnel
- Observance of a religious holiday
- Prearranged parental endorsed absence
- Other reasons to be approved by principal

Prearranged Absence

Notices for prearranged absences should be provided to the school in the above mentioned manner. In addition to providing notice, students will receive a Prearranged Absence Form which will be signed by each of his or her teachers. An approved prearranged absence allows for the school to know the whereabouts of its students and for students to make up any missed assignments during their absence.

Tardiness

Students who arrive tardy must report to the administrative office, complete the sign-in process, and provide an explanation for the tardiness.

Early Check-out

Students are not permitted to leave the school during the normal school day unless prior written approval is submitted by a parent or guardian. Leaving school grounds without approval will result in disciplinary action. Students and their authorized accompanying adults must sign-out and leave school grounds together.

Inclement Weather

Certain weather conditions may worsen travel routes and render commutes unsafe. These situations may cause RRSS to issue a notice of school closure or delay due to inclement weather or other concerns to safety. Delays will either be for one or two hours and such delay schedules

are available on the RRSS website. Any school closure or delay announcement may be found on the RRSS homepage, radio, TV news stations.

Student Dress Code

The personal appearance of every student is an important component of establishing a safe environment for optimal learning and respect for one another. Students are expected to adhere to standards of dress and appearance that are compatible with an effective learning environment.

Technology Requirements for Online Learners

Computer Hardware & Software Guidelines

Please note that these are minimum requirements. Online courses will work more effectively with higher capabilities.

General Requirements

We recommend the following specifications for our online programs:

Processor: Student computers should have a Pentium IV processor, with a processor speed of 800 MHz.

RAM: Computer memory is directly affected by how many programs are running at any given time. Running multiple applications at once slows a computer's performance. Therefore, we recommend students have at least 256 Mb of RAM installed.

Sound: A working sound card and speakers will be required. Some programs also require a headset & microphone.

Modem: A 56 Kbps modem may be used; however, we recommend using a high-speed connection such as DSL or a cable modem.

Disk Drive: A CD-ROM drive may be required for some software installation and program materials.

Monitor: A monitor with a minimum 800 x 600 resolution is required. It is recommended that students have a monitor with at 1024 x 768 or more.

Printer: When you login to your online course(s) you will find your syllabi, articles and assignments. The majority of students find access to a printer imperative. While you may feel comfortable accessing documents online, having a hard copy of the course syllabus can prove useful. Also, having the ability to take notes and highlight main points in assigned readings can help you when studying and/or completing research projects.

Disk Space: 2 GB of disk space is required for software installation. Certain software components are required for full functionality of online courses. To run an automatic system check, visit our browser compatibility page.

Internet Browser: Firefox is recommended for viewing all online courses in Moodle. Other Internet browsers include Internet Explorer, Chrome, and Safari.

Word Processor: Microsoft Office is required and is available for free to RRSS students. To access your free download visit the RRSS Software Center.

Operating System: A Windows operating system is recommended, and our learning system works best Windows 7. Desktop versions of Vista and Windows 8 are also supported.

Some programs will work on Macintosh OSX platforms. For students using a Macintosh computer, the following specifications should be met along with Safari 5.1:

Mac OS X 10.6 (Snow Leopard)

Mac OS X 10.7 (Lion)

Mac OS X 10.8 (Mountain Lion)

Plug-ins: The following plug-ins are required for use with our online programs: Adobe Reader, JavaScript, Macromedia Flash Player, Shockwave Player, QuickTime Player, RealOne Player, and Windows Media Player. All of these programs are available free of charge from the manufacturers.

Internet Connection: You will need access to the internet to for your online courses. High-speed internet, such as DSL or cable is strongly recommended. Your internet connection is critical in viewing Tegrity video lectures in Moodle.

Tegrity: Tegrity is the lecture capture software officially supported by the university. Tegrity is used to deliver videos for you to watch online, and is also available for student use when virtual presentations are required. Please visit the link below to see the most up to date information for computer configuration for using Tegrity.

Internet Speed:

Know your "internet speed": Some of RRSS's online courses use video clips. To watch videos online, a certain amount of data must be transmitted to your computer in a timely manner. The speed that the data can be sent to you is called your "internet speed". YouTube and most other videos are encoded with at least a 256Kbps (kilobits per second) rate/speed.

Here are the approximate speeds of the common types of Internet Service Providers:

Dial-up internet - 56 bps (from phone company.)

DSL internet - 768 kbps+ (from phone company.)

Cable internet - 1,000-10,000+ kbps (from cable company.)

So... how fast is your connection: Visit www.bandwidthplace.com/. Do the test and write down your Download and Upload speeds. Knowing this will help the IT Help Desk (and your instructor) assist you if you are experience problems.

Library and Internet Usage

The e-library of RRSS offers many sources of high-quality information. The library has many resources available in electronic form. Most are available through the library's Database Page. In the e-library, students will find the following resources:

- Electronic books
- Online reference books
- Articles from magazines, journals, and newspapers
- Other reference databases

- Streaming video

Student Health and Wellness

The RRSS Office of Student Health and Wellness works to support the emotional health of students, develop health literacy, and empower students to access health services and make decisions that promote the health and wellbeing of themselves and others. We want to make sure a student is healthy and safe so he or she can achieve at the highest levels at school. The Health and Wellness Team is responsible for school-based health policies and the coordination of school- and community-based services and programs for mental health.

Counseling

Secondary school counselors are professional educators with a mental health perspective who understand and respond to the challenges presented by today's diverse student population. RRSS counselors help students develop social skills and succeed in school as well as assist students with the process of making career decisions, by helping them choose a career or educational program.

Student Complaints and Grievances

Ronald Regan Secondary School provides several means by which a student may address complaints and grievances. Students are advised to put their concerns in writing and carefully document the events that led to the complaint or grievance. As it is sometimes confusing as to which of the routes should be followed, students are advised to contact the President's Office for advice on the procedure to follow. Concerns should be expressed as soon as possible after the event occurs; some of the procedures have specific deadlines for filing grievances and/or complaints.

A student who believes that he/she has been treated with substantial unfairness should initially attempt to resolve the matter by the end of the academic semester following the academic semester when the alleged incident occurred (e.g., if the incident occurred during spring semester, the initial attempt must be completed by the last day of the final summer semester) by communicating in writing the allegations to the administrative officer most directly concerned, excluding the person accused of the improper act.

At the end of efforts to resolve the grievance, the officer should record the complaint in a written statement identifying the grievant, the conduct complained of, the name of the accused person, the outcome of the information inquiry, and should maintain a copy in the office's complaint files to be made available to other appropriate officials if needed.

Graduation Requirements

Standard Ronald Reagan Secondary School Degree

To attain a Standard Degree, the student must earn at least 22 credits and complete their community service obligation. The table below indicates the minimum requirements to attain a Standard Degree from Ronald Reagan Secondary School. Credits must be earned in the following subject areas in the manner shown below.

Subject Area	Credit Requirement
English	4.5
History/Social Science	4.5
Sciences	4.5
Mathematics	4.5
Family Life Planning and Driver Education	0.5
Personal Financial Planning	0.5
Electives	3.0
Total	22

Advanced Degree

To qualify for the Advanced Secondary School Degree, the student must earn at least 25 credits as well complete their community service obligation. The table below indicates the credits required per subject area in order to qualify for the Advanced Degree.

Subject Area	Credit Requirement
English	4.5
History/Social Science	4.5
Sciences	4.5
Mathematics	4.5
Family Life Planning and Driver Education	0.5
Personal Financial Planning	0.5
Foreign language	3.0
Music	2.0
Career Introduction	1.0
Total	25

Community Service

All students who attend Ronald Reagan Secondary School have a community service obligation which must be met before a degree of any sort is conferred. Community service is a hands-on voluntary service provided to non-profit and non-government organizations whose missions have some component of goodwill towards human, animal, or environmental services. Whether or not an activity meets the community service requirement is at the school's discretion.

Honors Designation

From time to time, honors alternatives may become available for certain courses. Selection and enrollment of students into an honors class require an “A” grade in its prerequisite class and/or permission from the instructor. Honors classes require more effort from students, are more rigorous, contain more coursework, cover more material, and require a comprehensive honors project. Students who successfully complete at least four (4) honors courses and achieve a cumulative GPA of 3.7 or higher throughout their time at RRSS will receive an honors designation on their transcript and diploma.

Special Recognition

Reagan Secondary will recognize those exceptional students who go far beyond their academic requirements in categories such as fine arts, humanities, literature, mathematics and sciences. An example of such an achievement is, but not limited to, winning or ranking highly in a nationwide competition. Specially recognized students may not be present in every graduating class or category. Final approval of special recognitions is made by the Principal and nominations may be made up to 30 days prior to a student’s graduation.

RRSS encourages students to seek out such opportunities as it challenges their intellect and adds to the students’ list of acclamations which may benefit their college applications. Additionally, it brings upon notoriety to the Ronald Regan Secondary School community.

Scholarships

Reagan Secondary has scholarships to help people that are pursuing undergraduate and post-baccalaureate degrees. The college scholarships are for the top 3 in class and 1 for school project. And will pay directly to the student account of the student’s college of choice. Details of the scholarship application will be posted at the Principal’s Office.

Scholastic Honor Societies and Clubs

Recognition is at the discretion of the Principal. Application must be filed.

Grading System

Grading Scale		
Letter Grade	Percent Grade	4.0 Scale
A+	97-100	4.0
A	93-96	4.0
A-	90-92	3.7
B+	87-89	3.3
B	83-86	3.0
B-	80-82	2.7
C+	77-79	2.3
C	73-76	2.0
C-	70-72	1.7
D+	67-69	1.3
D	65-66	1.0
F	Below 65	0.0

Course Descriptions

English

EN 109 English 9

Grades: 9

4 Quarters

Credit: 1

Prerequisites: Placement recommendation. This is a core course. It continues to build literacy skills with a focus on grammar, sentence structure, and English language rules. It is designed to broaden students' literary knowledge, deepen their thinking about important topics and develop their communication skills.

EN 110 English 10

Grades: 10

4 Quarters

Credit: 1

Prerequisites: English 9 or placement recommendation. This is a core course. Students will be assigned to read a variety of materials including novels, short stories, classical literature, poetry, and plays. Students will examine and analyze what they have read and prepare reports of their findings. Students will be introduced to proper source citation, in accordance to Modern Language Association (MLA) guidelines. The writing process which includes brainstorming, outlining, drafting, revising, and editing will be introduced and reinforced throughout the year. A study of vocabulary will be assigned on a weekly basis, and students must demonstrate their understanding of spelling, meaning, and usage of the vocabulary. Students will be taught the finer points of punctuation and grammar usage in order to work towards becoming refined writers.

EN 111 English 11

Grades: 11

4 Quarters

Credit: 1

Prerequisites: English 10 or placement recommendation. This is a core course. Students will be assigned to read a variety of material including novels, short stories, classical literature, poetry, and plays. All reading assignments will continue to develop students' reading comprehension. All writing assignments are intended to evaluate and improve students' understanding of the writing process and develop higher order analytical thinking. Identifying authors' tones and intents in reading assignments will become increasingly important for each subsequent assignment. Students will continue to study new vocabulary on a weekly basis and improve their usage of punctuation and grammar.

EN 112 English 12

Grades: 12

4 Quarters

Credit: 1

Prerequisites: English 11 or placement recommendation. This is a core course. Students will be assigned to read a variety of material including novels, short stories, classical literature, poetry, and plays. Students will work towards a mastery of reading comprehension and analysis of

assigned texts. Students will work towards writing in a refined and sophisticated manner. Students will continue to study new vocabulary on a weekly basis. Research methodology and principles will be introduced at the start of the school year and continuously developed throughout the year. Proper source citation in both MLA and American Psychological Association (APA) formats will be reinforced. Three research papers will be assigned.

EN 201 American Literature

Grades: 10, 11, 12

4 Quarters

Credit: 1

Foreign Languages

FL 101 Arabic 1

Grades: 9, 10, 11

4 Quarters

Credit: 1

Prerequisites: None. This course introduces fundamental vocabulary, grammar, structure, and syntax of modern Arabic. Students will be taught cultural considerations, reading and writing the Arabic alphabet, pronunciation, and conversational speaking. Teaching approaches include simple conversational dialogues, assigned reading and writing exercises, and personal compositions.

FL 102 Arabic 2

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Arabic 1 or placement recommendation. This course is a continuation from Arabic 1 and emphasizes the study of idiomatic construction and expressions and contemporary media in Arabic. In addition to student compositions, teaching approaches include oral conversations and discussions and are based on the assigned readings.

FL 201 Chinese (Mandarin) 1

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This course introduces fundamental vocabulary, grammar, structure, and syntax of modern Mandarin. Students will be taught cultural considerations, reading and writing Han characters, pronunciation, and conversational speaking. Teaching approaches include simple conversational dialogues, assigned reading and writing exercises, and personal compositions.

FL 202 Chinese (Mandarin) 2

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Chinese 1 or placement recommendation. This course is a continuation from Chinese 1 and emphasizes the study of idiomatic construction and expressions and contemporary

media in Mandarin Chinese. In addition to student compositions, teaching approaches include oral conversations and discussions and are based on the assigned readings.

FL 210 French 1

Grades: 9, 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: None. This course introduces fundamental vocabulary, grammar, structure, and syntax of modern French. Students will be taught cultural considerations, reading and writing, utilizing diacritics, pronunciation, and conversational speaking. Teaching approaches include simple conversational dialogues, assigned reading and writing exercises, and personal compositions.

FL 212 French 2

Grades: 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: French 1 or placement recommendation. This course is a continuation from French 1 and emphasizes the study of idiomatic construction and expressions and contemporary media in French. In addition to student compositions, teaching approaches include oral conversations and discussions and are based on the assigned readings.

FL 220 German 1

Grades: 9,10, 11, 12 **4 Quarters** **Credit: 1**

FL 220 German 2

Grades: 10, 11, 12 **4 Quarters** **Credit: 1**

FL 301 Russian 1

Grades: 9, 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: None. This course introduces fundamental vocabulary, grammar, structure, and syntax of modern Russian. Students will be taught cultural considerations, reading and writing the Cyrillic alphabet, pronunciation, and conversational speaking. Teaching approaches include simple conversational dialogues, assigned reading and writing exercises, and personal compositions.

FL 302 Russian 2

Grades: 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: Russian 2 or placement recommendation. This course is a continuation from Russian 1 and emphasizes the study of idiomatic construction and expressions and contemporary

media in Russian. In addition to student compositions, teaching approaches include oral conversations and discussions and are based on the assigned readings.

FL 401 Spanish 1

Grades: 9, 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: None. This course introduces fundamental vocabulary, grammar, structure, and syntax of modern Spanish. Students will be taught cultural considerations, reading and writing, utilizing diacritics, pronunciation, and conversational speaking. Teaching approaches include simple conversational dialogues, assigned reading and writing exercises, and personal compositions.

FL 402 Spanish 2

Grades: 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: Spanish 1 or placement recommendation. This course is a continuation from Spanish 1 and emphasizes the study of idiomatic construction and expressions and contemporary media in Spanish. In addition to student compositions, teaching approaches include oral conversations and discussions and are based on the assigned readings.

FL 451 Chinese Language and Culture (AP Course)

Grades: 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: Permission from Instructor. This course introduces fundamental vocabulary, grammar, structure, and

History/Social Sciences

HS 101 US History

Grades: 11 **4 Quarters** **Credit: 1**

Prerequisites: World History 1. This is a core course. This course will present key events from United States history, from colonization to the modern era. Topics covered will include the colonial period, American Revolution, the new nation, political growth, Civil War, US role in WW1 and WW2, the Cold War, and modern America.

HS 102 US Government

Grades: 12 **4 Quarters** **Credit: 1**

Prerequisites: US History. This is a core course. This course will provide an overview of the American government and political system. Students will strengthen their understanding of the

US government and their ability to understand the politics of the United States. Topics of discussion include the US Constitution, political parties, special interest groups, political media and press, the branches of the Federal government, and civil rights.

HS 201 World History 1

Grades: 9, 10

4 Quarters

Credit: 1

Prerequisites: None. This is a core course. This course will present key worldwide historical events from the times of early civilizations to the present. Cultures covered will include prehistoric, ancient Americans, China, Greece, and Rome. Eras covered will include the rise of Christianity, rise of Europe, Byzantine Empire, Muslim world, and kingdoms of Africa.

HS 202 World History 2

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: World History 1. This is an elective course. This course is continuation of the material covered in World History 1 with a focus on the modern world. Covered historical events include World Wars I and II, renewal of major civilizations, and the industrial revolution.

HS 205 World History (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is a core course. This course will present key worldwide historical

Humanity

HU 101 Introduction to Humanity

Grades: 9, 10, 11

4 Quarters

Credit: 1

Prerequisites: None. This is an elective course. An introduction to the humanities through investigation of current cultural events offered by local communities. Study of the arts - painting, sculpture, architecture, drama, film, music and dance - will be enhanced by attending performances and on-location field trips to sites in the community. Students will become familiar with terminology of the arts and with community performance/demonstrations of these same arts.

HU 201 Introduction to Business Ethics

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This is an elective course. This course offers an introduction into the concept of values, morality, as well as cultural beliefs and upbringing in all areas of business, from

consumer rights to corporate social responsibility. Understanding those expectations is the key to communicating core values and behavior not only to employees, but society in general.

HU 301 Introduction to Philosophy

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This is an elective course. This course will introduce students to the most prominent people, movements, and methods of Western philosophy from ancient times to the present. We will examine the fundamental problems that philosophers have dealt with, as well as the various approaches and arguments they have used. Students will become familiar with the terminology used in philosophical discourse, learn about the historical development of the discipline, and develop their own skills for philosophical argumentation.

HU 305 Art of the Western World

Grades: 10, 11, 12

4 Quarters

Credit: 1

Sciences

SI 101 Biology

Grades: 9, 10

4 Quarters

Credit: 1

Prerequisites: None. This is a core course. Students will explore the many life forms that inhabit Earth, and it will examine their biochemical processes and anatomical components. Topics of discussion include genetic inheritance, environments, ecology, niches, animal, plant, and micro biology.

SI 102 Chemistry

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Biology. This is a core course. Students will discover the important role that chemistry plays within their daily lives and the common world around them. Topics of discussion include: standard laboratory practice, classification and structure of matter, ratio and proportion of chemical reactions, acid-base chemistry, organic chemistry, thermodynamics, and electrochemistry.

SI 103 Physics

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Chemistry and Algebra 1. This is a core course. Students will explore the physical world around them. This course provides a survey of laboratory physics and will discuss common

applications of physics in modern society. Topics of discussion include: Newtonian mechanics, fluids, heat, thermodynamics waves, sound, and electricity.

SI 104 Earth Science

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This is an elective course. Earth Science is a laboratory science designed to develop in the student an understanding of the earth and the universe around it through the study of topics in meteorology, geology, astronomy, climatology, and oceanography. Introductory principles of astronomy and Earth sciences will be explored, including the solar system, cosmology, plate tectonics, energy, biogeochemical cycles, the atmosphere, and California geology.

SI 106 Environmental Science

Grades: 10, 11, 12

4 Quarters

Credit: 1

SI 201 Human Anatomy and Physiology

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Biology. This is an elective course. Students will explore the human body in both form and function. The first quarter will emphasize the locations and broad functions of the skeletal, muscular, nervous, circulatory, organ, and reproductive systems. The remainder of the school year will focus on in-depth functions and processes of the above mentioned systems, as well as their relationships to one another.

SI 202 Health and Medicine

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Biology. This is an elective course. This course is designed for students interested in medical and associated health careers. It gives an overview of the therapeutic, diagnostic, environmental, and informational systems of the health care industry. Topics include career requirements, medical history, trends in financing health care, ethical and legal responsibilities, human anatomy and physiology as related to the health care profession, client care, safety, first aid, and CPR.

SI 203 Infectious Disease

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Biology. This is an elective course. This course includes descriptions of bacteria, viruses, fungi, and protozoa, as well as techniques for growing, controlling and treating diseases caused by these organisms. Within the scope of this course are units which discuss how the diseases are diagnosed, and finally, epidemiology and communicability of individual diseases

grouped by portals of entry. Prevention and infection control issues as well as current issues surrounding infectious disease may also be discussed.

SI 204 US Health Care System

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Biology. This is an elective course. This course provides an overview of the United States healthcare system, including the economic, social, political, and technological forces that shape the industry. The role of state and federal government and regulatory agencies in healthcare delivery is examined. The fundamental roles and responsibilities of healthcare team members are surveyed.

SI 205 Principles of Health

Grades: 10, 11, 12

4 Quarters

Credit: 1

SI 251 Biology (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. Advanced Placement Biology is designed to offer students a solid foundation in college level introductory biology, based on the belief that many students are ready for college work while still in high school.

SI 252 Chemistry (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This course is designed to be comparable to a college-level general chemistry course. Successful completion of this course and the AP Examination may fulfill the college requirement for freshman chemistry and the associated lab. Students taking this course will be substantially better prepared for any college science course due to the intensive nature of study required by the content covered, the math involved, the use of higher-level thinking skills, and the more involved laboratory experience.

SI 254 Environmental Science (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is a core course. Students will explore the many life forms that inhabit

SI 255 Human Geography (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. AP Human Geography students develop an awareness of human social organization and its environmental consequences. This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Mathematics

MA 101 Algebra 1

Grades: 9, 10

4 Quarters

Credit: 1

Prerequisites: None. Completion of this course will fulfill the mathematics core course requirement. This course will provide the algebraic fundamentals that are required to succeed in more advanced mathematics. Such algebraic fundamentals will be applied to a wide range of problem situations. The following topics will be taught in detail: operations using real numbers; linear equations, graphing, and inequalities; relations and functions; polynomials; algebraic fractions; and non-linear equations.

MA 201 Algebra 2

Grades: 10, 11

4 Quarters

Credit: 1

Prerequisites: Geometry or placement recommendation. Completion of this course will fulfill the mathematics core course requirement. This course continues to develop the concepts taught in Algebra 1 and Geometry, particularly the study of linear functions and inequalities. In addition, the following topics will be taught in detail: quadratic, exponential, logarithmic, and rational functions; factoring; equation systems; and conic sections.

MA 301 Calculus 1

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Trigonometry/Precalculus. Completion of this course will fulfill the mathematics core course requirement. This course provides students with knowledge in both differential and integral calculus. The following topics will be covered in detail: limits, continuity, derivatives, and integrals of algebraic and transcendental functions of one variable.

MA 302 Calculus 2

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Trigonometry/Precalculus. Completion of this course will fulfill the mathematics core course requirement. This course continues to develop the concepts introduced in Precalculus

and Calculus 1. The following topics will be covered in detail: advanced integration, infinite sequences and series, polar and parametric equations.

MA 401 Geometry

Grades: 10, 11

4 Quarters

Credit: 1

Prerequisites: Algebra 1 or placement recommendation. Completion of this course will fulfill the mathematics core course requirement. This course will provide the student with the appreciation of the relationship between mathematics and the real world. Students will be taught the properties of measurement and their relationship with points, planes, lines, surfaces, and angles. Students will be introduced to postulates, theorems, and geometric proof.

MA 402 Trigonometry/Precalculus

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Algebra 2 or placement recommendation. Completion of this course will fulfill the mathematics core course requirement. This course will provide the student with the information necessary to understand and perform calculus operations. The following topics will be taught in detail: advanced algebraic functions and graphs, exponential and logarithmic functions, trigonometric functions, systems of equations and inequalities, matrices, complex numbers, polar coordinates and equations, and parametric equations.

MA 450 Statistics (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. AP Statistics is the high school equivalent of a one semester, introductory college statistics course. In this course, students develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for chance behavior.

MA 460 Calculus AB (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This course is equivalent to a second semester college course with review of all of the topics taught in first semester calculus. The topics included in the topic outline for Calculus AB of Advanced Placement program are included. The objective of the course is to give the students an understanding of calculus concepts and related mathematics skills. The students are prepared for the Advanced Placement exam and for subsequent mathematics courses. The students enrolled in this course have previously successfully completed Pre-Calculus.

MA 461 Calculus BC (AP Course)

Grades: 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: Permission from Instructor. Completion of this course will fulfill the mathematics

Music and Fine Arts

MF 101 Introduction to Music

Grades: 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: None. In this course students study the fundamentals of musical structure and composition and study musical trends from a variety of historical periods. The course concentrates on techniques for analysis, ear training, and historical perspectives, and the creative process of musical composition.

MF 102 Band (Beginner)

Grades: 10, 11 **4 Quarters** **Credit: 1**

Prerequisite: None. This course will provide students with the opportunity to choose and learn a woodwind, brass, or percussion instrument and play their instrument in a group setting. Development of musical skills will be done through the teaching of musical scales, techniques, and playing beginner musical literature.

MF 103 Band (Advanced)

Grades: 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisite: Beginner Band or placement recommendation. This course is offered to those students who have completed Beginner Band or students who have previous experience with a traditional band instrument. This course will provide a continued emphasis on the development of musical skills through more advanced musical literature.

MF 111 Chorus (Beginner)

Grades: 10, 11 **4 Quarters** **Credit: 1**

Prerequisites: None. This course will introduce students to basic singing techniques, musical literacy, and musical theory. Development of musical skills will be done through teaching singing fundamentals, rehearsing, and performing.

MF 112 Chorus (Advanced)

Grades: 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: Beginner Chorus or placement recommendation. This course is offered to those students who have completed Beginner Chorus or students who have previous experience reading and singing sheet music and with musical theory. This course will provide a continued emphasis on the development of musical skills through more advanced musical literature.

MF 121 Orchestra (Beginner)

Grades: 10, 11 **4 Quarters** **Credit: 1**

Prerequisites: None. This course will provide the opportunity to choose and learn the violin, viola, cello, or bass and play their instrument in a group setting. Development of musical skills will be done through the teaching of musical scales, techniques, and playing beginner musical literature.

MF 122 Orchestra (Advanced)

Grades: 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: Beginner Orchestra or placement recommendation. This course is offered to those students who have completed Beginner Orchestra or who have previous experience with a traditional orchestral instrument. This course will provide a continued emphasis on the development of musical skills through more advanced musical literature.

MF 201 Arts and Artists

Grades: 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: None. This is an elective course. This course combines art history, appreciation, and analysis, while engaging students in hands-on creative projects. Lessons introduce major periods and movements in art history while focusing on masterworks and the intellectual, technical, and creative processes behind those works. Studio lessons provide opportunities for drawing, painting, sculpting, and other creative endeavors.

Personal Development

PD 201 Financial Planning

Grades: 9, 10, 11, 12 **4 Quarters** **Credit: 1**

Prerequisites: None. This course will teach students that understanding and managing their personal financial affairs are valuable skills that lead to personal success in life. Students will be presented with essential knowledge and skills that help them make sound financial decisions as well as optimize their earning and saving potentials. Additionally students learn to analyze their own financial behaviors and adjust them in accordance to personal goals, budgets, and priorities.

PD 222 Public Speaking

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This course will teach, develop, and practice the art of speaking effectively in front of a live audience. Students will learn how to organize and support their ideas, adapt their message to their audience, and engage their audience with a clear and vivid message. This course requires regularly practicing speeches in front of an audience.

Professional Exploration

PE 201 Computer Graphics and Animation

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This course will provide an overview of the field of computer graphics, animation, and 3-D effects. Students will be introduced to sketching, storyboarding, image synthesis, modeling, and animation. The instructor will provide guidance on the use of such popular software such as Adobe Creative Suite and 3DS Max, as well as insight on various graphic art and animation freeware available to the public.

PE 211 Accounting

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This course will provide students the knowledge to build a strong foundation in accounting principles. Students will learn debit/credit and their role in tracking monetary flow within a business. The following topics will be covered: terminology, recording transactions, preparing and analyzing financial statements, providing assistance in decision making, and preparing budgets.

PE 221 Business Management

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. Students will explore common business management and administration practices. In addition, business concepts such as leadership, communication, teamwork, and organization will be covered. Students will apply their lessons toward the completion of assigned projects and group work.

PE 231 Criminal Justice

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This course will provide an overview of the major elements of a criminal enterprise. Students will learn to classify and analyze criminal methods and trends. Students will be introduced to criminal case studies and learn to research their own case studies and develop criminological theories.

PE 241 Economics**Grades: 10, 11, 12****4 Quarters****Credit: 1**

Prerequisites: None. In this course, students will study how people, businesses, and governments utilize their resources. This course will provide basic economic principles of micro and macroeconomics, international economics, comparative economic systems, measurements and methods.

PE 251 Information Systems**Grades: 9, 10, 11, 12****4 Quarters****Credit: 1**

Prerequisites: None. This course introduces students to computers and information systems. Students will explore the role of computer information systems in business; hardware and software associated with computing; programming; operating systems; networks; applications; and computer logic.

PE 252 Programming**Grades: 10, 11, 12****4 Quarters****Credit: 1**

Prerequisites: Algebra 1 or placement recommendation. This course is designed to teach students how to program computer software; utilize various programming languages; develop good programming style; and design programs.

PE 261 Psychology**Grades: 10, 11, 12****4 Quarters****Credit: 1**

Prerequisites: None. In this course, students will provide an overview of the systematic and scientific study of mental processes and behaviors in humans and animals. Students will be exposed to various principles and subfields of modern psychology.

PE 265 Sociology**Grades: 10, 11, 12****4 Quarters****Credit: 1****PE 275 Anthropology****Grades: 10, 11, 12****4 Quarters****Credit: 1****PE 350 Macroeconomics (AP Course)****Grades: 11, 12****4 Quarters****Credit: 1**

Counseling

RRSS counseling adopts techniques for addressing all students' various and many issues that effect their abilities to perform in an educational environment both academically and socially. RRSS counselors are in the business of helping students become citizens who are

- successful in our fast-paced growing economy,
- good family providers,
- responsible parents and
- involved in their communities.

ACT

RRSS ACT prep classes will help students:

- Get the skills to get the score they want.
- Identify their strengths and weakness.
- Understand and practice all types of questions. Develop specific strategies for improving math skills, grammar usage, reading comprehension, and science reasoning.
- Understand how to build confidence and set reasonable goals for the test.

SAT

Each school year, RRSS offers SAT preparation courses. This course covers test-taking strategies to prepare students to take the SAT test. It is intended to strengthen students test taking skills so that they can get a score that truly reflects their ability. The focus is on familiarizing them with test questions and guiding them in developing test taking strategies, managing test panic, increasing confidence and speed.