



Ronald Reagan Secondary School

Catalog 2024 – 2026

500 Baptist Dr., Chester, VA 23836

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California Campus: 4010 Barranca Pkwy, Irvine, CA 92604

www.reagansecondary.us

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Board of Directors

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John Lewis, Ph. D., Secretary

Eric C. Yang, Ph. D., Principal

Staff and Services Directory

Eric C. Yang, Principal

Randy Pan, Chief Academic Officer

Sherma Raj, Admissions Director

Simon Huang, Registrar

Maria Anderson, Business Manager

Grace Zheng, Student Service Director

Ava Zhang, Director of International
Programs

Richard Myers, Education Consultant

Susan Lawlor, Director of Learning Resources



Faculty List



James Brown, M. A., University of South Carolina
English

Wallace Chen, B. S., University of York
Mathematics

George Collins, M. S., University of Nevada
Chemistry, Environmental Sciences

Bassett Davis, Ph.D., University of Florida
Economics, Management

Helen Davidson, M. A., City University of New York
History

Henry Evens, M. A., University of Georgia
English

Maria Franklin, M. A., University of Virginia
Art

Jose Garcia, M. A., University of Texas – El Paso
Spanish

Kurt George, M. S., Western Michigan University
Biology

Matt Grants, M. A., American University
History

Doris Mann, Ph.D., University of North Texas
Computer Science, Mathematics

Scott Orange, M. S., University of North Carolina
Physics

May Paulson, B. A., Colgate College
French

John South, M. A., Davidson University
Political Science

Sophia Thompson, M. S., Boston University
Geography

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 2024 – 2026. I am delighted to have your student in our classrooms this year and look forward to sharing the school year 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 endeavoring 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,

A handwritten signature in black ink that reads "Eric Yang". The signature is written in a cursive, flowing style.

Eric C. Yang, Ph. D.
Principal

About Ronald Reagan Secondary School (RRSS)

Founded as the Virginia Resilience Academy in 1956, Ronald Reagan 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 are designed upon the pre-collegiate needs of its students, in that core courses are 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 to choose from.

Mission Statement

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

-Board Action (Reapproved January 2024)

Core Values

The core values of Ronald Reagan 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 2024)

Institutional Goals

Ronald Reagan Secondary School shall grow ever closer to the completion of its Missions 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 exceed set expectations;
- Strengthening the moral character 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 2024)

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 based on 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 Reagan 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 Reagan 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 Reagan Secondary School shall, at all times, forgo, discourage, and abdicate any instances of cheating, stealing, plagiarism, lying, vandalism, dishonesty, and corruption.

Code of Conduct

Ronald Reagan Secondary School may warrant the discipline of students for nonacademic offenses. This includes conduct that 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 governing the use and consumption of illicit drugs;
- Endangerment of one's 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 Reagan 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 840-200-4824, 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's Personal Statement and Parent's 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, and additional materials for consideration.

Tuition and Fees Schedule 2024-2025

Tuition and fees may be paid in full directly to the Ronald Reagan Secondary School Bursar's 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 | \$32,000 | | \$35,000 | |
| Plan 2 | \$3,000 | \$10,000 | \$2,600 | \$36,400 | 9 monthly payments start in August |
| Plan 3 | \$3,000 | | \$3,795 | \$37,155 | 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 |
| I-20 Fee | \$200.00 |
| 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 ensure 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, the tuition paid, and the 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 you withdraw | Amount You Owe |
|---|---|
| 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 including 10% of the lessons, or, for non-Virginia residents, has submitted at least one lesson, up to and including 10% of the lessons | Non-Refundable Fees + Registration Fees + 10% of Tuition |
| 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 are made after 18 months from enrollment.

Student Records

Ronald Reagan Secondary School maintains a cumulative scholastic record for every student enrolled. The Registration Office and the Registrar supervise the administration of active and inactive student scholastic records, provide onsite record management training for school staff, archive eligible student records, fulfill requests for records not located in schools, and provide education verification to requesting agencies. If the school closed, all records would be handled by Pinnacle PA at 998 Redberry Ct., VA 22066.

Student Scheduling

Ronald Reagan 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. Two daily schedules rotate every other day to ensure that the 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 | Lunch | Lunch |
| 1:02P – 2:25P | 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

Lincoln's Birthday

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 Reagan 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 tardiness. Common 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 the 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 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 the 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 safety concerns. 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, and 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 and online libraries 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 1024 x 768 or higher.

Printer: When you log in 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 the 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 with Windows 10. Desktop versions of Vista and Windows 10 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 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 on 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 promptly. The speed at which the data can be sent to you is called your "internet speed". YouTube and most other videos are encoded with at least a 256 Kbps (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 the 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 experiencing 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 well-being 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 Reagan 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 25 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/Literature | 4.5 |
| History/Social Science | 2.5 |
| Humanities/Arts | 1.0 |
| Natural/Health Sciences | 4.0 |
| Mathematics | 4.5 |
| Business and Finance | 1.0 |
| Information System | 1.0 |
| Electives | 3.5 |
| 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/Literature | 4.5 |
| History/Social Science/Humanities | 4.5 |
| Natural/Health Sciences | 4.5 |
| Mathematics | 4.5 |
| Business and Finance | 1.0 |
| Foreign Language | 2.0 |
| Humanities/Arts | 2.0 |
| Information System/Professional Development | 2.0 |
| Total | 25 |

Community Service

All students who attend Ronald Reagan Secondary School have a community service obligation that 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 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 before a student’s graduation.

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

Scholarships

Reagan Secondary has scholarships to help people who are pursuing undergraduate and post-baccalaureate degrees. The college scholarships are for the top 3 in class and 1 for school projects. 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. An application must be filed.

Grading System

| Grading Scale | | |
|----------------------|----------------------|------------------|
| Letter Grade | Percent Grade | 4.0 Scale |
| A | 95-100 | 4.00 |
| A- | 90-94 | 3.67 |
| B+ | 87-89 | 3.33 |
| B | 83-86 | 3.00 |
| B- | 80-82 | 2.67 |
| C+ | 77-79 | 2.33 |
| C | 73-76 | 2.00 |
| C- | 70-72 | 1.67 |
| D+ | 67-69 | 1.33 |
| D | 63-66 | 1.00 |
| D- | 60-62 | 0.67 |
| F | Below 60 | 0.00 |

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 109 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 by the 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 every week, 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 110 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 every week and improve their usage of punctuation and grammar.

EN 112 English 12

Grades: 12

4 Quarters

Credit: 1

Prerequisites: English 111 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 every week. 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 119 English 9 (Honors)

Grades: 9

4 Quarters

Credit: 1

Prerequisites: Placement recommendation. This course is an overview of exemplary selections of literature in fiction and nonfiction genres, and honors students will be expected to demonstrate independent critical thinking skills and to function at a faster pace, as more works of literature will be covered at a deeper analytical level. Analytical techniques include making inferences, applying visualization, predicting, and being aware of organizational patterns.

EN 120 English 10 (Honors)

Grades: 10

4 Quarters

Credit: 1

Prerequisites: English 109 or placement recommendation. The focus of this course is the writing process, and the three forms of writing guide the curriculum: persuasive, expository, and narrative writing. A typical lesson culminates in a written assignment that lets students demonstrate their developing skills in one of these forms. Assignments will focus on studying and creating a variety of literature, drama, poetry, non-fiction, advertising, and propaganda.

EN 201 American Literature

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: English 9 or placement recommendation. This course presents a two-semester survey of American literature from the period of exploration and settlement to the present. Students will study works of prose, poetry, drama, and fiction about their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. Prerequisite: English 109.

EN 202 British Literature

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: English 9 or placement recommendation. This course provides a survey of key literary works and authors from the Anglo-Saxon period to the present day, exploring the development of British literature and its cultural context. Students will engage with genres like poetry, drama, and fiction, while developing critical thinking, analytical, and communication skills through close reading, discussion, and writing.

EN 209 Honors English 9

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Placement recommendation. This course is an introductory language arts course designed to develop advanced reading and writing skills. It focuses on literary analysis, exploring various genres like short stories, nonfiction, poetry, and drama. Students will develop critical thinking skills, expand their vocabulary, and learn about different literary elements.

EN 210 Honors English 10

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: English 9 or placement recommendation. This is a course that focuses on developing students' critical reading, writing, and analytical skills through a variety of texts, including fiction, nonfiction, poetry, and drama. It often builds upon the skills learned in Honors English 9 and prepares students for advanced English courses and college-level work. The course emphasizes a deeper understanding of literary devices, rhetorical strategies, and critical analysis.

EN 230 Academic Writing

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Placement recommendation. In this course, students will master basic essay structure and build confidence throughout the writing process, all the way from thesis development to editing. Reading and revising are essential to strong writing, so this class will provide mentor texts for students to study together as well as ample time for revision.

EN 425 English Language and Composition (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. Students in this college-level English course read and carefully analyze a broad and challenging range of nonfiction and fiction prose selections, deepening their awareness of how language works in effectively communicating an idea. This course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise.

EN 431 English Literature and Composition (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. This is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language,

and literary analysis within the context of literary works. Throughout the course, students will be assessed on their ability to effectively and cogently communicate their ideas about what they read, both orally and in writing.

Foreign Languages

FL 201 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 202 Spanish 1

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This course is a broad based course designed to introduce the student to all aspects of foreign language study. Grammar, reading, writing, speaking, and listening skills are included. Cultural information is provided and taught throughout the duration of the course. Students will do research on various cultural topics. This is achieved by groups, partners and individual practice dependent on the subject. Emphasis is placed on conversation, vocabulary and correct usage of the language. Correct pronunciation and oral proficiency are primary goals. This requires a daily emphasis on listening and speaking. The classroom experience will provide an appreciation and development of cultural awareness through various readings, media resources and authentic materials.

FL 203 Chinese 1

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This introductory course in the Chinese language provides the basic communication skills in Modern Standard Chinese. It is designed for High school level students who have had no prior experience with the Chinese language and are interested in learning basic Chinese language as well as culture. The course focuses on the Mandarin pronunciation system, basic speaking and listening skills, as well as fundamental reading and character writing skills.

FL 204 German 1

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. German 1 is an introduction to pronunciation, basic comprehension, and communication in German through active class use of simple vocabulary, grammar, and syntax. It

is a highly interactive class that emphasizes the development of communication skills in the areas of listening, speaking, reading, and writing in German. Students also develop an understanding and appreciation of the customs and culture of Germany.

FL 205 Latin 1

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. Latin 1 introduces the language and the culture of ancient Rome. In this class, students will learn to read and write Latin sentences and to pronounce classical Latin. Emphasis will thus be on the elements of the language: alphabet and pronunciation, parts of speech, morphology (word formation), vocabulary (including English derivatives), grammatical/syntactical rules, and strategies for reading and translation.

FL 207 Japanese 1

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This course is an introductory course for students with no prior knowledge of the Japanese language. It focuses on building basic communicative skills, including listening, speaking, reading, and writing. The course aims to provide a foundation for further Japanese language learning, often incorporating cultural information and emphasizing active use of the language.

FL 301 French 2

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: French 1 or placement recommendation. This course is a continuation of French 1 and emphasizes the study of idiomatic constructions 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 302 Spanish 2

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Spanish 1 or placement recommendation. This course is a continuation of Spanish 1 and is designed to help students develop listening, speaking, reading, and writing skills in Spanish. This course exposes the student to the different cultures of the Spanish-speaking world. A wide variety of methods and techniques will be used to reach, motivate, and challenge each student.

FL 303 Chinese 2

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Chinese 1 or placement recommendation. Students build upon the skills developed in Chinese I. Students continue their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Students will also explore the customs, history, and art forms of Chinese people to deepen their understanding of the culture.

FL 304 German 2

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: German 1. This is a continuation of level one and is meant to broaden and deepen the learner's understanding of German grammatical structures. Emphasis is placed on expanding vocabulary from memorized words and phrases to sentence-level discourse. Students cover a variety of topics from everyday life and add complexity to expression with the addition of modal verbs, present perfect tense, and the addition of the dative case.

FL 305 Latin 2

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Latin 1. In Latin 2, students continue their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Students focus on more complex grammatical concepts such as participles, indirect statements, the subjunctive mood, a variety of clauses, and the comparison of adjectives and adverbs.

FL 306 Chinese 2

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Chinese 1. This course builds upon the foundation of Chinese 1, expanding vocabulary and grammar while developing all four language skills: listening, speaking, reading, and writing. It also delves deeper into Chinese culture and may introduce more complex sentence structures.

FL 307 Japanese 2

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Japanese 1. This course builds upon the foundation of Japanese I and focuses on developing proficiency in the four language skills: listening, speaking, reading, and writing. Students expand their vocabulary, learn new grammar structures, and increase their ability to

communicate in real-world situations. Additionally, they delve deeper into Japanese culture and develop their ability to interpret and present information in the target language.

FL 321 French 3

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: French 1 and 2. This course generally builds upon foundational language skills learned in French 1 and 2. They focus on further developing listening, speaking, reading, and writing abilities, while also expanding vocabulary and grammar knowledge. Additionally, these courses often explore aspects of French and Francophone cultures.

FL 322 Spanish 3

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Spanish 1 and 2. This course builds upon previous language skills, focusing on more advanced grammar, vocabulary, and cultural understanding of Spanish-speaking regions. Students will further develop their ability to communicate in Spanish through listening, speaking, reading, and writing. The course often delves into complex grammatical structures like the subjunctive mood, past tenses, and relative clauses. It also expands on topics like history, art, literature, and cultural practices of various Spanish-speaking countries.

FL 325 Latin 3

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Latin 1 and 2. In this course, students build upon their existing knowledge of Latin grammar and vocabulary, delving into more complex grammatical structures and expanding their reading comprehension skills. The curriculum often focuses on reading and translating selections from classical Latin authors, gaining a deeper understanding of ancient Roman history, culture, and literature. Additionally, students might explore the relevance of Latin to modern fields like medicine and law, and develop their Latin composition skills.

FL 331 French 4

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: French 3. This course builds upon previous French studies, focusing on advanced grammatical structures, complex vocabulary, and more in-depth cultural exploration through authentic materials. Students develop fluency in speaking, listening, reading, and writing, with an emphasis on communication and using the language in meaningful contexts.

FL 385 Latin 3 (Honor)

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Latin 1 and 2. This course builds upon prior Latin knowledge, focusing on reading authentic Latin texts of prose and poetry. Students delve into the language, culture, and history of ancient Rome through selections from authors like Caesar, Cicero, Catullus, and Vergil. The course aims to enhance Latin vocabulary and appreciation for well-crafted writing, emphasizing the relevance of Latin to contemporary society.

FL 401 French Language and Culture (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. This is a college-level course, mastering linguistic and cultural aspects of Le Monde Francophone (French-speaking world). It will guide the students to explore culture and events in both contemporary and historical settings and to examine products and practices of the target culture from their perspectives. The course integrates thematic expression of vocabulary and integration of grammar review topics.

FL 403 Chinese Language and Culture (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. This course is designed to provide qualified students with varied opportunities to further improve their proficiency in listening, speaking, reading, and writing skills in Chinese. Students will develop language skills that can be used in real-life activities and situations. Extensive training in reading comprehension, organization, and writing skills will be emphasized, as well as oral skills.

FL 402 Spanish Literature and Culture (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. AP Spanish Literature and Culture courses provide a college-level survey of Spanish-language literature and culture, focusing on texts from Spain, Latin America, and US Hispanic authors. These courses aim to develop students' interpretive, interpersonal, and presentational skills in Spanish while also honing their critical reading and analytical writing abilities. Students explore a variety of literary works, including short stories, novels, plays, essays, and poetry, within their historical, cultural, and social contexts.

FL 422 Spanish Language and Culture (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. The AP Spanish Language and Culture course is a rigorous course taught exclusively in Spanish that requires students, through the use of the Spanish

language, to improve their proficiency across the three modes of communication. The course focuses on the integration of authentic resources, including online print, audio, and audiovisual resources, as well as traditional print resources that include literature, essays, and magazine and newspaper articles to provide a rich, diverse learning experience. Students communicate using rich, advanced vocabulary and linguistic structures as they build proficiency in all modes of communication toward the pre-advanced level.

FL 405 Latin (AP Course)

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Latin 2. In the Latin AP course, students take their knowledge and appreciation of Latin to the next level, and it is an introduction to authentic classical Latin texts. This course requires students to progress further in their study of Latin grammatical structures and use them to aid in translating increasingly complex sentences from Latin stories. It covers the complete Latin verb system, including all tenses, voices, and moods.

FL 417 Japanese Language and Culture (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. This course prepares students to demonstrate their level of Japanese proficiency across the three communicative modes: interpretive, interpersonal, and presentational. Students will learn to develop effective communication in Japanese, understand Japanese culture, and be prepared to participate in a global society. Culture will be integrated into the interpersonal learning of each unit.

FL 414 German Language and Culture (AP Course)

Prerequisites: Permission from the Instructor. This course is designed to enhance the students' German language skills and knowledge of German culture. Students will refine reading, writing, and listening skills, with special emphasis on improving speaking proficiency. Intensive vocabulary and grammar review is an integral part of this course, which is conducted entirely in German.

FL 415 Spanish Literature and Culture (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. This course prepares students to analyze critically representative works of prose, poetry, and drama of Peninsular Spanish, Latin American, and US Hispanic literature of different historical periods from Medieval to the most recent trends. The course also includes a strong focus on cultural, artistic, and linguistic connections and comparisons, which is supported by the exploration of various media.

FL 424 French 3**Grades: 10, 11, 12****4 Quarters****Credit: 1**

Prerequisites: French 2 or placement recommendation. In this course, students continue to develop their proficiency in speaking, listening, writing, and reading by interacting with other speakers of French. A reinforcement of communication skills will be encouraged through conversation, selected readings, and authentic media reflecting the customs, character, and traditions of the French-speaking world.

FL 425 Spanish 3**Grades: 10, 11, 12****4 Quarters****Credit: 1**

Prerequisites: Spanish 2. Spanish 3 furthers the study of grammar, vocabulary, and cultures of Spanish-speaking countries. In this course, a variety of techniques are used to address different learning styles and multiple intelligences. Students further develop reading comprehension skills through literature, oral presentations, and written exercises. It covers more complex grammar topics and provides further study of essential vocabulary that can be useful in the Spanish language.

FL 433 Latin (AP Course)**Grades: 11, 12****4 Quarters****Credit: 1**

Prerequisites: Permission from the Instructor. This course represents the highest level of Latin mastery in high school. Students will develop the ability to read, translate, analyze, and interpret the poetry and prose passages required in AP Latin. Students will read extensively while developing a clearer understanding of the cultural and historical background of these authors. Students will also examine and understand the passages in various contexts, including historical, political, social, and cultural.

FL 441 French 4**Grades: 10, 11, 12****4 Quarters****Credit: 1**

Prerequisites: French 3 or placement recommendation. French 4 is an advanced study of the French language and francophone cultures. The course will start with a review of vocabulary and the passé composé. Writing assignments and projects are given regularly and focus on themes and structures studied in class. Reading selections continue to focus on francophone cultures but become increasingly complex.

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.

HU 139 World History(Since 1450)

Grades: 12

4 Quarters

Credit: 1

Prerequisites: World History 1. This course explores the major turning points and developments in global history, focusing on the period from the Renaissance to the present. It examines the growth of empires, transoceanic exploration, the Enlightenment, industrialization, imperialism, nationalism, revolutions, world wars, the Cold War, decolonization, and globalization. The course aims to develop students' critical thinking, research, and analytical skills through various activities like reading, discussions, and assignments.

HS 201 World History

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, the rise of Europe, the Byzantine Empire, the Muslim world, and the kingdoms of Africa.

HU 208 Economics and United States Government and Politics

Grades: 12

4 Quarters

Credit: 1

Prerequisites: US History. This course generally provides a comprehensive introduction to both disciplines. It typically includes a study of the structure and function of the US government, the US Constitution, and the principles of political science, along with a survey of basic economic concepts like supply and demand, scarcity, and the role of government in the economy.

HS 211 US History (Honor)

Grades: 11

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. This course provides a more in-depth and rigorous study of American history than a standard US History course. It typically covers the same historical periods as a standard course but with a greater focus on analytical skills, critical thinking, and the analysis of primary and secondary sources.

HU 233 United States History since the Civil War (Honors)

Grades: 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. This course, typically offered at the high school level, delves into the nation's history from the end of the Civil War to the present day. It explores the emergence of the United States as an industrial nation, focusing on social policies, the role of the United States in modern world affairs, and the lives of ordinary Americans. The course also emphasizes the development of historical analysis skills through various activities.

HU 235 United States Government and Politics (Honors)

Grades: 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. This course comprehensively studies the U.S. political system, emphasizing critical analysis and advanced research skills. Students delve into the government's history, principles, and functions, including the Constitution, civil liberties, and civil rights. The course also examines political behavior, public policy, and the role of citizens in the political process.

HS 241 World History (Honors)

Grades: 9, 10

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. In this course, students delve into the major events, turning points, and civilizations that have shaped the world, exploring their impact on global developments and the modern era. This rigorous course emphasizes the study of diverse cultures, global interconnectedness, and the long-term consequences of historical events. Students will

develop critical thinking, analytical, and research skills through the analysis of primary and secondary sources.

HS 401 US History (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. This course covers the spectrum of American history from pre-Columbus to the present day. Using chronological and thematic approaches to the material, the course exposes students to extensive primary and secondary sources to the interpretations of various historians. Class participation through reports, discussions, and debates is required. Emphasis will be placed on critical reading and essay writing to help students prepare for the AP US History examination.

HS 402 United States Government and Politics (AP Course)

Grades: 11, 12

2 Quarters

Credit: 0.5

Prerequisites: Permission from the Instructor. This is a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. It studies the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes.

HS 403 Comparative Government and Politics (AP Course)

Grades: 11, 12

2 Quarters

Credit: 0.5

Prerequisites: Permission from the Instructor. This is a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. It studies the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes.

HS 404 African American Studies (AP Course)

Grades: 11, 12

2 Quarters

Credit: 0.5

Prerequisites: Permission from the Instructor. In this course, students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of today. It also covers the history of African Americans from African origins to the present; societies in West and West Central Africa, slavery and freedom in colonial and early American history, the Civil War and Reconstruction, and 20th-century struggles for civil rights.

HS 405 World History: Modern (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Emphasis is placed on document analysis, historical thinking skills, reasoning processes, and essay writing. This course provides themes that students explore throughout the course to make connections among historical developments in different times and places.

HS 413 European History (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from the Instructor. This course is a college-level course that introduces students to the rich political, cultural, social, and intellectual heritage of Europe. It surveys the history of Europe from the Renaissance to the present. The focus is on political, social, diplomatic, economic, and scientific history. The development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse will be covered.

Humanities

HU 101 Introduction to Humanities

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This course offers a broad introduction to the humanities using an interdisciplinary approach to studying the history and cultures of world civilizations from prehistory to the Renaissance by focusing on philosophy, architecture, literature, music, religion, and art.

HU 102 Introduction to Music

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

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, historical perspectives, and the creative process of musical composition.

HU 105 2-D Art and Design

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This course introduces students to the principles of 2D design and how the role of past and present media communication is influenced by core design concepts. This is a studio project-oriented class exploring different media areas of 2-Dimensional design. It revolves heavily around the sketchbook and teaches students how important it is for artists to keep track of preliminary works and small projects.

HU 201 Introduction to Business Ethics

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This is an elective course. This course offers an introduction to the concept of values and 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 to society in general.

HU 205 Art History and Appreciation

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This is an introductory course to the history and appreciation of art, including the elements and principles of the visual arts. It covers essential design principles such as emphasis, balance, and unity. It explores the main concepts of art, expression, and creativity as it helps students answer questions such as what art is, what creativity is, and how and why people respond to art.

HU 245 Music Appreciation: The Enjoyment of Listening

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This class is designed to give students a basic understanding of music and to inspire an appreciation for music from a variety of genres and cultures. Students will study the fundamentals of music and discover basic music terminology, instrument families, tempo, rhythm, form, and meter. Students will develop their ears to identify instruments, musical pieces, and musical periods by their sound.

HU 301 Introduction to Philosophy

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

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 skills for philosophical argumentation.

HU 402 Music Theory (AP Course)

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: Permission from Instructor. This course is designed to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. In this course, students will learn all the fundamental knowledge to progress into further theory classes in college. Students will develop the ability to listen, notate, perform, create, and analyze the cognate areas of music as presented in a musical score.

HU 410 Art History (AP Course)

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: Permission from Instructor. AP Art History emphasizes a deep conceptual understanding of art historical concepts. This course will also explore the understanding of art visually and conceptually. Students will develop the essential skills of visual and contextual analysis, and they will analyze works of art in their contexts, considering issues of patronage, gender, politics, religion, and ethnicity.

HU 415 Drawing (AP Course)

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This course is designed to help the student build a portfolio for submission to the College Board for AP credit. Students will create a highly developed body of work that demonstrates an advanced degree of drawing skills. Students are expected to strive toward mastery and develop a true understanding of the artistic creation as an ongoing process.

HU 417 2-D Art and Design (AP Course)

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. The AP 2-D Art and Design course framework is composed of course skills, big ideas, essential questions and enduring understandings, learning objectives, and essential knowledge. Students will develop their skills in two-dimensional mediums such as graphic design, photography, collage, printmaking, and others as they learn the principles of 2-D design. They will demonstrate aspects of drawing that include the elements and principles of design while exploring formal and conceptual issues of works of art through creative and systematic investigations.

HU 419 3-D Art and Design (AP Course)

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. The AP Studio 3-D Design course is designed for any art student interested in a rigorous curriculum of visual art that embraces a systematic exploration of 3-D design. Its framework presents an inquiry-based approach to learning about and making art and design. Students will be expected to experiment with a range of materials and approaches through assigned sculpture projects that show a range of approaches.

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 they will examine their biochemical processes and anatomical components. Topics of discussion include genetic inheritance, environments, ecology, niches, animal, plant, and microbiology.

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 in 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

2 Quarters

Credit: 0.5

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 105 Astronomy

Grades: 9, 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This is an elective course. This course begins with relevant scientific fundamentals and progresses through an exploration of the solar system, stars, galaxies, and cosmology. This is to enable students to develop and apply knowledge of the universe and compare the conditions, properties, and motions of bodies in space. Emphasis shall be placed on concepts basic to Earth, including materials, processes, history, and the environment.

SI 106 Environmental Science

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This is an elective course. This course will show the connection between science, technology, and society. Students will apply prior scientific knowledge to current environmental issues and will become better-informed citizens and decision-makers. Students will relate global, national, and local issues to concepts they learn in the environmental science classroom.

SI 107 Marine Science

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This course is an interdisciplinary field that combines knowledge from biology, chemistry, physics, geology, and meteorology to study the ocean and its ecosystems. It focuses on understanding the complex interactions within marine environments, including marine life, geological features, and physical and chemical processes. The goal is to understand the ocean's role in the Earth's systems and the impact of human activities on marine resources.

SI 108 World Geography

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This course provides a broad overview of the Earth's physical and human characteristics, including climate, regions, resources, and cultural diversity. Students gain map skills, analyze different cultures, and examine economic and political systems. The course also explores the relationship between geography and human behavior, and the impact of environmental and economic factors on regional development.

SI 201 Science of Nutrition

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This course is designed to teach science skills as they apply to food preparation, food production, and human nutrition. Students will explore the science behind many food preparation principles, the food production industry, and the structure and function of all of the essential nutrients.

SI 202 Principles of Health Science

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: Biology. Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. Students will develop health-specific knowledge and skills in effective communication, ethical and legal responsibilities, patient care, safety, first aid, CPR, health careers, and educational research.

SI 203 High School Health

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. The course also includes instruction on communication skills, safety and health maintenance, and the ethical and legal responsibilities of healthcare providers. Students will also study medical terminology with an overview of anatomy and physiology. Wellness activities will be integrated into various units throughout the year to emphasize the importance of maintaining personal health for the healthcare worker. Students may earn American Heart Association Heartsaver CPR/AED First Aid certification.

SI 245 World Geography

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: Permission from Instructor. This course is an introduction to the basics of world geography and the study of the spatial aspects of human existence enables students to find answers to questions about the world around them. It is organized systematically around the topics of region, physical earth dynamics, population, culture, economic systems, urban systems, political systems, and the environment. Map-reading skills, History/Social Studies Literacy skills, and the use of geographic models and geographic information systems are an integral part of this course.

SI 301 Biology (Honors)

Grades: 9, 10

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. Honors Biology is a course designed to increase students' knowledge of the concepts, processes, and facts of biology. Course content encompasses interrelationships of living things, levels of biological organization, cellular biology, biochemistry, genetics, and evolution. This course is designed to stimulate reasoning and understanding of major biological topics and concepts.

SI 302 Chemistry (Honors)

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Biology. Honors Chemistry is an in-depth investigation of matter, structures, reactions, and changes designed to prepare students to continue their studies in science at the college level. This course is a study of the basic laws of chemistry, covering the common elements of the periodic system, their structure, interactions, and energy relationships. It takes a broad survey of the fundamental concepts of inorganic chemistry.

SI 303 Physics (Honors)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Chemistry and Algebra 1. This course serves as an introduction to mechanical physics and the reasoning and problem-solving approaches utilized in physics, math, and engineering disciplines. Students study a variety of topics that include the laws of motion, forces, conservation of energy and momentum, thermodynamics, electricity, characteristics, and behavior of waves, and atomic, nuclear, and quantum physics.

SI 401 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. This course is aligned to the College Board AP Biology Curriculum Framework and is based on four Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about living organisms and biological systems.

SI 402 Chemistry (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Biology. The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

SI 403 Physics 1 (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, and torque and rotational motion.

SI 404 Physics 1: Algebra-Based (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This algebra-based, introductory college-level physics course explores topics such as Newtonian mechanics (including rotational motion); work, power, and energy; and simple harmonic motion. It is designed for all science majors and other students wishing to demonstrate their ability to meet the challenge of an advanced placement course.

SI 405 Physics 2: Algebra-Based (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This course will provide a general overview of the concepts of motion, force, energy, momentum, thermodynamics, wave motion, and sound. This class is recommended for students majoring in business, elementary education, medical technology, pharmacy, pre-dentistry, and pre-medical studies. This course is not intended for students majoring in physical sciences or engineering.

SI 406 Environmental Science (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is an introductory course for students who wish to study topics relating to the environment, its resources, quality, and ethical issues. Environmental science is the study of the natural sciences in an interdisciplinary context that always includes consideration of people and how they have influenced various systems around us. It includes many

aspects of biology, earth and atmospheric sciences, fundamental principles of chemistry and physics, human population dynamics, and an appreciation for the Earth and its natural resources.

SI 410 Physics C: Electricity and Magnetism (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Physics 1 or Physics 2. This is a college-level, calculus-based physics course. AP Physics is an in-depth, content-intensive study of physical principles that allows students the opportunity to engage hands-on in scientific experimentation. It covers electrostatics, electric circuits, magnetic fields, and electromagnetism. Students learn how to solve complex physics problems using differential and integral calculus.

SI 411 Physics C: Mechanics (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Physics 1 or Physics 2. This course offers students the opportunity to deepen their understanding of physics principles and extend their ability to apply these principles in problem-solving. The main emphasis is placed on mechanics, and the course deals with topics in the following key areas: Kinematics, Newton's Laws of Motion, Work, Energy and Power, Systems of Particles and Linear Momentum, Circular Motion and Rotation, Oscillations, and Gravitation.

SI 415 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.

SI 431 Physics and Physics C: Mechanics (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is a college-level, calculus-based course that delves into fundamental physics concepts. It covers kinematics, Newton's laws, work, energy, momentum, circular motion, rotation, oscillations, and gravitation. Students should be concurrently taking or have completed calculus. The course is designed to be equivalent to a one-semester college course in calculus-based mechanics.

SI 432 Physics and Electricity and Magnetism (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is a college-level, calculus-based physics course that delves into the fundamental principles of electricity and magnetism. It builds upon the AP Physics C: Mechanics course and covers topics like electrostatics, conductors, capacitors, dielectrics, electric circuits, magnetic fields, and electromagnetism. Students will utilize differential and integral calculus to solve complex problems related to these concepts. The course prepares students for the AP Physics C: Electricity and Magnetism exam.

SI 433 Physics Honors and Physics C: Mechanics (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is a calculus-based, college-level course focusing on the principles of mechanics, including kinematics, dynamics, work and energy, momentum, and rotational motion. It's designed to prepare students for college-level physics courses

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 202 Enhanced Math 1 (Honors)**Grades: 9, 10****4 Quarters****Credit: 1**

Prerequisites: Algebra 1. This course provides students the opportunity to study concepts of algebra, geometry, functions, number and operations, statistics, and modeling throughout the course. These concepts include expressions in the real number system, creating and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties, and interpreting categorical and quantitative data.

MA 205 Enhanced Math 2**Grades: 10, 11****4 Quarters****Credit: 1**

Prerequisites: Enhanced Math 1. This course focuses on analyzing quadratic functions and comparing key characteristics with linear and exponential functions as well as absolute value and piecewise functions. The analysis of functions, particularly quadratic functions and equations, leads to the extension of the number system to include rational exponents and complex numbers.

MA 206 Enhanced Math 2 (Honors)**Grades: 10, 11****4 Quarters****Credit: 1**

Prerequisites: Enhanced Math 1. This course will deepen the student's understanding of core pre-calculus concepts and use trigonometry, matrices, vectors, and transformations at a new level to gain a new understanding of mathematical concepts necessary for Calculus.

MA 208 Enhanced Math 3**Grades: 11, 12****4 Quarters****Credit: 1**

Prerequisites: Enhanced Math 2. Building upon previous work with linear, exponential, absolute value, and quadratic functions, students will learn new function families: polynomial, rational, radical, logarithmic, and trigonometric. Students will be extending trigonometry to general triangles, trigonometric functions, reciprocal functions, and inverse functions.

MA 209 Enhanced Math 3 (Honors)**Grades: 11, 12****4 Quarters****Credit: 1**

Prerequisites: Enhanced Math 2. The purpose of this course with Pre-Calculus is to study the concepts from Math I and Math II with greater depth and to continue to learn more advanced mathematical concepts and skills to prepare students for (Advanced Placement) Calculus AB and BC. Students will be expected to have an understanding of theorems and concepts as well as their applications to the study of the real world.

MA 210 Enhanced Math 1

Grades: 9, 10

4 Quarters

Credit: 1

Prerequisites: Algebra 1. This course is designed to strengthen and build on students' previous knowledge in middle school algebra. In Enhanced Math I, students work towards mastery of functions, systems of equations, Pythagorean Theorem, and statistics. In addition, trigonometry will be introduced.

MA 215 Algebra 1(Honors)

Grades: 9, 10

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is a more advanced and rigorous version of standard Algebra 1, focusing on in-depth study, problem-solving, and application of algebraic concepts. It builds a strong foundation for subsequent math courses, including Geometry, Algebra 2, and Pre-Calculus. The course typically covers a wider scope of topics and delves deeper into concepts like linear, quadratic, and exponential functions.

MA 217 Algebra 2 (Honors)

Grades: 10, 11

4 Quarters

Credit: 1

Prerequisites: Geometry or placement recommendation. This course reviews and deepens understanding of Algebra 1 and Geometry concepts and covers the more advanced topics of Algebra 2. This course is designed to cover Algebra 2 and Precalculus topics. This highly challenging course includes an intense treatment of all topics in Algebra 2 with additional work on permutations and combinations.

MA 245 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 255 Geometry (Honors)

Grades: 9, 10

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is a rigorous, full-year course that delves deeper into geometric concepts and mathematical reasoning than a standard Geometry course. It focuses on Euclidean geometry, exploring topics like congruence, proof, similarity, trigonometry, circles,

three-dimensional figures, and probability. Students will also develop skills in deductive reasoning, problem-solving, and applying geometric principles in real-world scenarios.

MA 248 Precalculus

Grades: 10, 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 250 Integrated Math 1

Grades: 9, 10

4 Quarters

Credit: 1

Prerequisites: Algebra 1. This course will give students an understanding of the foundations of Algebra and Geometry. It provides a formal development of the basic algebraic and geometric skills and concepts necessary for students to succeed in advanced courses. Students will learn to work with equations of lines and segments on the coordinate plane, as well as solve systems of equations using various methods.

MA 254 Integrated Math 1 (Honors)

4 Quarters

Credit: 1

Prerequisites: Algebra 1. Integrated Math 1 Honors is a challenging course designed for students who excel in math. Students in this course easily grasp higher-level concepts and embrace a rigorous curriculum. Integrated Math 1 Honors is the first course of an accelerated three-year integrated math sequence that also includes Pre-Calculus.

MA 255 Integrated Math 2

Grades: 10, 11

4 Quarters

Credit: 1

Prerequisites: Integrated Math 1. This course covers the concepts of functions and their characteristics, polynomial operations, quadratic functions, quadratic equations and models, extending quadratic equations, quadratic proofs, similarity and right triangles, properties of circles, volume, and understanding probability. Students will learn to choose and use appropriate mathematics and statistics to analyze empirical situations, to understand them better, and to improve decisions.

MA 256 Integrated Math 2 (Honors)

Grades: 10, 11

4 Quarters

Credit: 1

Prerequisites: Integrated Math 1. This course is designed to explore in greater depth and rigor the standards of Integrated Math 2. Students will analyze properties, features, and structures (roots, solutions of systems, intervals of increasing/decreasing, etc.) of quadratic functions, inverse functions, logarithmic functions, absolute-value functions, piece-wise functions, circles, conic sections, complex numbers, and vectors.

MA 258 Integrated Math 3

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Integrated Math 2. This course is designed to extend and apply the mathematics learned in previous math courses. Instructional time will focus on four critical areas: (1) apply methods from probability and statistics to draw inferences and conclusions from data; (2) expand understanding of functions to include polynomial, rational, and radical functions; (3) expand right triangle trigonometry to include general triangles; and (4) consolidate functions and geometry to create models and solve contextual problems.

MA 259 Integrated Math 3 (Honors)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Integrated Math 2. This course covers the concepts covered in Integrated Math 3 in greater depth as well as several Pre-Calculus topics. Integrated Math 3 Honors is an accelerated, challenging course designed for students who excel in math. Students will earn a weighted grade for this course.

MA 265 Linear Algebra

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Algebra 1. This course introduces students to the theory and applications of systems of linear equations, matrices, vectors, and linear transformations. It focuses on solving systems of equations, understanding linear independence, and exploring concepts like determinants, vector spaces, eigenvalues, and eigenvectors.

MA 301 Calculus

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 305 Trigonometry

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Precalculus. This course covers the solution of triangles, trigonometric equations, and identities. The term includes a strong emphasis on circular and triangular trigonometric functions, graphs of trigonometric functions and identities, trigonometric equations, polar coordinates, and vectors.

MA 318 Precalculus (Honors)

Grades: 10, 11, 12

4 Quarters

Credit: 1

Prerequisites: Algebra 2 or placement recommendation. This course is designed for the student who has a high interest in math or areas related to math. Through this course, students will acquire a solid foundation in algebra and trigonometry. Emphasis is placed on understanding the properties of linear, polynomial, piecewise, exponential, logarithmic, and trigonometric functions. Students will learn to work with various types of functions in symbolic, graphical, numerical, and verbal forms.

MA 328 Statistics

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This course is designed to provide a basic understanding of descriptive and inferential statistics. Topics include the measures of central tendency, standard deviation, combinations and permutations, probability, sampling, and various distributions. Emphasis is on applications of statistical concepts.

MA 418 Precalculus (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. 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 428 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. All students taking AP Statistics are ENCOURAGED to take the AP Statistics Exam at the end of the course.

MA 460 Calculus AB (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. The major topics covered in this course are limits, derivatives, integrals, and the Fundamental Theorem of Calculus. These concepts will be developed using reasoning with definitions and theorems, algebraic and computational processes, and the use of graphing calculators when appropriate. Students in this class will be asked to demonstrate competency verbally, through writing, with notational fluency, and be required to connect concepts graphically, numerically, analytically, with tabular data, and through written words.

MA 461 Calculus BC (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This course is intended for students who have a thorough knowledge of analytic geometry and elementary functions. Among these are parametric, polar, and vector functions; the rigorous definition of limit; Advanced integration techniques; Simpson's Rule; length of curves; improper integrals; Hooke's Law; and the study of sequences and series.

Professional Development

PD 201 Physical Education

Grades: 9, 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This course is designed to improve physical fitness, teach fundamental movement skills, and promote healthy lifestyle habits. They typically involve a variety of physical activities, including sports, games, and exercise, while also incorporating educational components about fitness, health, and safety.

PD 203 Computer Foundation

Grades: 9, 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This course provides a fundamental understanding of computers, including their hardware, software, and how they work. It's often a beginner-friendly course that introduces essential concepts like operating systems, computer terminology, and basic applications like word processors and spreadsheets.

PD 205 Personal Finance

Grades: 9, 10, 11, 12

2 Quarters

Credit: 0.5

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 potential. Additionally, students learn to analyze their financial behaviors and adjust them according to personal goals, budgets, and priorities.

PD 241 Accounting

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This course will provide students with 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.

PD 242 Introduction to JAVA

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. This course is an introduction to software engineering, using the Java programming language. Students will learn the fundamentals of Java. The focus is on developing high-quality, working software that solves real problems. Topics include input/output, data types, operators, program control flow structures, arrays, strings, and methods.

PD 251 Information Systems

Grades: 9, 10, 11, 12

2 Quarters

Credit: 0.5

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.

PD 261 Computer Science

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: PD 203. It teaches students to design, implement, and analyze computer-based solutions to problems. It covers fundamental concepts like algorithms, data structures, programming languages, and software engineering principles. Students learn to think computationally and solve problems using computer systems.

PD 451 Computer Science Principles (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This introductory college-level computing course introduces students to the breadth of the field of computer science. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. It also allows students to use current technologies to create computational artifacts for both self-expression and problem-solving.

PD 452 Computer Science A (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: None. This course introduces students to computer science with fundamental topics that include problem-solving, design strategies and methodologies, organization of data, approaches to processing data, analysis of potential solutions, and the ethical and social implications of computing. It emphasizes both object-oriented and imperative problem-solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.

PD 453 Computer Science P (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is an introductory college-level course that provides students with a broad understanding of computer science concepts. It explores topics like digital communication, algorithms, programming, and the impact of computing on society, including cybersecurity and data collection. Students learn to design and apply solutions to problems through programming and computational thinking, while also exploring the ethical and social implications of technology.

PD 498 Research (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is a year-long college-level course where students conduct independent research on a topic of their choice, culminating in a research paper and a presentation. It's designed to develop advanced research skills and cultivate critical thinking abilities.

PD 499 Seminar (AP Course)

Grades: 11, 12

4 Quarters

Credit: 1

Prerequisites: Permission from Instructor. This is a year-long, foundational course in the AP Capstone program designed to develop students' skills in research, analysis, writing, and presentation. It's an interdisciplinary course where students explore complex academic and real-world issues, analyze diverse perspectives, and communicate their ideas effectively.

Professional Exploration

PE 201 Introduction to Business

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. It provides a foundational understanding of how businesses operate and interact within the broader economy. It's designed to equip students with the knowledge and skills needed to navigate the business world, whether they plan to pursue a business career or simply want to be more informed consumers and citizens.

PE 221 Business Management

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: PE 201. This course aims to equip students with the skills and knowledge to effectively manage organizations and lead teams. It typically covers core areas like leadership, financial management, marketing, human resources, and strategic decision-making, while also emphasizing real-world problem-solving and communication skills.

PE 231 Sociology

Grades: 10, 11, 12

2 Quarters

Credit: 0.5

Prerequisites: None. It introduces students to the sociological study of society, focusing on a systematic understanding of social interaction, social organization, social institutions, and social change. It examines the interplay between the individual and society, explores how society is both stable and changing, and analyzes the causes and consequences of social inequality.

PE 241 Economics**Grades: 10, 11, 12****2 Quarters****Credit: 0.5**

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 261 Psychology**Grades: 10, 11, 12****2 Quarters****Credit: 0.5**

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 268 Criminal Justice**Grades: 10, 11, 12****2 Quarters****Credit: 0.5**

Prerequisites: None. An elective course provides an introduction to the criminal justice system, including its basic parts: policing, the court system, and corrections. The primary goal of this course is to develop a general understanding of the criminal justice system and its response to crime in American society.

PE 275 Anthropology**Grades: 10, 11, 12****2 Quarters****Credit: 0.5**

Prerequisites: None. This course brings together the four subfields of anthropology and illustrates the applied nature of anthropology. It explores theory and practice with an emphasis on conceptual models, areas of specialization, methodology, and ethics of involvement.

PE 341 Economics (Honor)**Grades: 10, 11, 12****2 Quarters****Credit: 0.5**

Prerequisites: Permission from Instructor. It provides a deeper exploration of economic principles than a standard Economics course. It often involves a higher level of academic rigor, requiring students to apply economic concepts to real-world scenarios, analyze data, and develop critical thinking skills. Students in these courses may also engage in research and independent projects.

PE 420 Macroeconomics (AP Course)**Grades: 11, 12****2 Quarters****Credit: 0.5**

Prerequisites: Permission from the instructor. AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies.

PE 421 Economics (Honor) & Macroeconomics (AP Course)

Prerequisites: Permission from the instructor. It provides a deeper dive into microeconomic principles and their real-world applications, including case studies, policy analysis, and global economic concepts. Macroeconomics, a key component, introduces students to the study of entire economies, including topics like national income, unemployment, inflation, and monetary/fiscal policy, often with a focus on how these factors interact. Honors courses usually emphasize analytical writing, critical thinking, and collaborative learning.

PE 424 Microeconomics (AP Course)**Grades: 11, 12****2 Quarters****Credit: 0.5**

Prerequisites: Permission from Instructor. AP Microeconomics is designed to promote the student's understanding of the economic principles involving the individual decision-makers within the economic system. Primary emphasis is placed on the interactions of producers and consumers in product and resource markets. The course also includes a study of how the government attempts to correct market failures.

PE 425 Economics (Honor) & Microeconomics (AP Course)**Grades: 11, 12****2 Quarters****Credit: 0.5**

Prerequisites: Permission from the instructor. It provides an advanced study of microeconomic principles, building upon basic economic concepts. It delves into areas like consumer behavior, producer decisions, market structures, and the role of government in the economy. The course often includes case studies and analytical writing assignments to enhance understanding and analytical skills.

PE 461 Psychology (AP Course)**Grades: 11, 12****4 Quarters****Credit: 1**

Prerequisites: Permission from Instructor. 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.

High School Level Courses Taken Outside of RRSS

To support students' progress toward earning a high school diploma, graduation credit may be granted for coursework taken by students at a school previously approved by Ronald Reagan Secondary School. Courses meeting core subject requirements may only be taken outside RRSS if a student has already taken the course equivalent in content at RRSS and earned a letter grade.

College Concurrent Enrollment

Concurrent enrollment provides high school students the opportunity to take college-credit-bearing courses taught by college-approved high school teachers. RRSS has a Concurrent Enrollment program designed for 11th or 12th-grade students looking for a challenging academic experience. Concurrently enrolled students will be permitted to enroll in no more than six units per semester or two classes. Permission from the Principal or designee is required.

College Entrance Preparation and Standardized Testing Preparation

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 weaknesses.
- 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, and increasing confidence and speed.

Academic Calendar

2024 – 2025

Fall Semester

August 2024

23 New Student Orientation

26 School Begins

September 2024

2 Labor Day (School Closed, No Classes)

October 2024

14 Columbus Day (School Closed, No Classes)

November 2024

11 Veterans Day (School Closed, No Classes)

25-29 Thanksgiving Break (School Closed, No Classes)

December 2024

23-3 Winter Break (School Closed)

Spring Semester

January 2025

20 Martin Luther King, Jr. Holiday (School Closed, No Classes)

February 2025

10 Lincoln's Birthday (School Closed, No Classes)

17 Presidents' Day (School Closed, No Classes)

April 2025

14-18 Spring Break (School Closed, No Classes)

May 2025

26 Memorial Day (School Closed, No Classes)

June 2025

21 Last Day of School

29 Graduation Commencement

Academic Calendar

2025 – 2026

Fall Semester

August 2025

22 New Student Orientation

25 School Begins

September 2025

1 Labor Day (School Closed, No Classes)

October 2025

14 Columbus Day (School Closed, No Classes)

November 2025

11 Veterans Day (School Closed, No Classes)

24-28 Thanksgiving Break (School Closed, No Classes)

December 2025

18-2 Winter Break (School Closed)

Spring Semester

January 2026

19 Martin Luther King, Jr. Holiday (School Closed, No Classes)

February 2026

9 Lincoln's Birthday (School Closed, No Classes)

16 Presidents' Day (School Closed, No Classes)

March 2026

30-3 Spring Break (School Closed, No Classes)

May 2026

25 Memorial Day (School Closed, No Classes)

June 2026

19 Last Day of School

27 Graduation Commencement