

Ridgewood High School



Course Catalog

2017-2018

RIDGEWOOD HIGH SCHOOL

627 East Ridgewood Ave., Ridgewood, New Jersey 07450 • 201.670.2800 • 201.670.6961 (f)

Thomas A. Gorman, Ed.D.
Principal

Dear Parents/Guardians and Students,

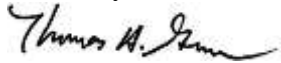
Education is a fundamental right of all children, and a moral obligation of every society. An effective education requires a tremendous amount of collaboration and effort among the student, family, school, and community. In respect to the school's role, there are four "A's" that comprise the educational experience: academics, arts, athletics, and activities. The key to this success is to balance the four "A's" with the values and goals of the family and community. Together, an effective learning environment is developed to produce an educated young adult who will be a life-long learner, able to contribute positively to society.

In order to maximize each child's unique potential, Ridgewood High School is committed to a tradition of excellence by providing a challenging and rich learning environment. Thus, the courses chosen from this Course Catalog should reflect each student's aspirations, achievements, and aptitudes. The courses offered at Ridgewood High School provide students with many opportunities to meet their educational needs as well as their own interests. Students are encouraged to select courses that will be academically stimulating and personally enriching.

Students, please consult with your counselor, parents/guardians, and teachers to choose the best plan that leads to graduation and future opportunities. A successful high school experience creates the foundation for a positive and productive life.

Remember, prepare for your future - today!

Sincerely,



Thomas A. Gorman, Ed.D.

2017-2018 NOTICE TO STAFF, STUDENTS, PARENTS AND THE PUBLIC

The Ridgewood Public Schools are an Equal Opportunity/Affirmative Action school district and employer. Educational opportunities, including all technical and career education opportunities, will be offered to all eligible students without regard to race, color, national origin, sex, disability or other status protected under the law. Similarly, employment and advancement opportunities will be open to all qualified individuals without regard to race, color, national origin, sex, disability or other protected status.

The following individuals are responsible for coordinating the school district's compliance with state and federal non-discrimination mandates applicable to staff members, students, parents/guardians and the general public. They may be contacted directly with questions, concerns, or complaints you may have in these areas. The school district's main telephone number is (201) 670-2700. Individual telephone extensions, e-mail addresses and mailing addresses are listed below.

Affirmative Action Officer

Daniel Fishbein
(Superintendent of Schools/Education Center)

x 10530 (dfishbein@ridgewood.k12.nj.us)
49 Cottage Place, Ridgewood, NJ 07450

Equal Education Opportunity Officers

Meredith Yannone
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Section 504 Coordinator

Kim Turner
(Director of Special Programs/Education Center)

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Title IX Coordinator

Ojetta Townes
(Manager of Human Resources/Education Center)

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Title IX (Student Athletics Issues)

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Americans with Disabilities Act (Title II) Coordinator

Kim Turner
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A.D.A. (Employee Disability Issues)

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GRADUATION REQUIREMENTS

Minimum Credit Requirements

Credit is granted for passing work at the end of each course. Most courses are assigned five (5) credits per year-long course, two and one-half (2.5) credits per semester course, and one and one-quarter (1.25) credits per quarter course. A total of 120 credits are required for graduation from Ridgewood High School.

Minimum Course Requirements

Credits must be earned in the following areas to fulfill the graduation requirements of Ridgewood High School.

<u>Course Area</u>	<u>Credits</u>	<u>Credit Years</u>
English/Humanities	20	4
Mathematics/Computer Science	15	3
Financial Literacy	2.5	0.5
Science	18 including labs	3
Social Studies	15	3
World Languages	10	2
Visual/Performing Arts	5	1
21 st Century Life & Career	5	1
Wellness Program	18.75	3.75

Passing score on PARCC Assessment

Course Options

Course Designations:

Students enroll in courses based on standardized test scores, prior achievement, prerequisites, teacher recommendation, and counselor recommendation.

College preparatory courses demand high levels of cognitive and problem-solving processes. The instructional pace is rigorous and emphasizes curricular breadth, depth and enrichment. College preparatory survey courses provide instruction to enhance skills in reading, writing and research, critical thinking and reasoning.

Honors and Advanced Placement courses require students to work independently and demonstrate high levels of critical and analytical thinking. These are college level courses.

Students scheduled for Advanced Placement courses are expected to take the AP examinations. Any student enrolled in an AP course who does not sit for the AP examination will receive Honors weighting. If a student does not take the AP exam, the course will appear as an AP course with Honors weighting on the transcript.

Course Weighting

Final Grade	Advanced Placement (AP)	Honors (H)	College Prep (R)	College Prep Survey (G)
A	5.00	4.50	4.00	4.00
A-	4.67	4.17	3.67	3.67
B+	4.33	3.83	3.33	3.33
B	4.00	3.50	3.00	3.00
B-	3.67	3.17	2.67	2.67
C+	3.33	2.83	2.33	2.33
C	3.00	2.50	2.00	2.00
C-	2.67	2.17	1.67	1.67
D+	2.33	1.83	1.33	1.33
D	2.00	1.50	1.00	1.00
D-	1.67	1.17	0.67	0.67
E	0.00	0.00	0.00	0.00

Ridgewood High School does not calculate a numerical rank. The high school transcript includes a Prep (weighted) and a general (non-weighted) GPA.

A general unweighted GPA is measured on a scale of 0 to 4.0 and doesn't take into account the difficulty of a student's coursework. An unweighted GPA represents an A as a 4.0 whether it was earned in an AP, Honors, or a college prep class. All classes taken are measured into the GPA.

A Prep GPA takes into account course difficulty rather than providing the same letter grade to GPA conversion for every student. A weighted GPA is measured on a scale of 0 to 5.0 and only includes academic courses (Math, Science, Social Studies, World Languages, English, and selected Business courses). An A in an Honors or AP class may translate into a 4.5 or 5.0 weighted GPA, while an A in a college prep class will give you a 4.0 weighted GPA. The chart preceding this section displays the values of all grades.

NOTE: Students who have attended Ridgewood High School fewer than six (6) quarters will not have a RHS calculated GPA (prep or general) for the transcript.

Advanced Placement Courses

AP American Gov't & Politics	AP Art History
AP Biology	AP Calculus AB
AP Chemistry	AP Computer Science
AP Computer Science Principles	AP English Language and Composition
AP English 12 Literature and Composition	AP Environmental Science
AP European History	AP French V
AP Latin V	AP Macroeconomics/Microeconomics
AP Music Theory	AP Physics I
AP Physics II	AP Psychology
AP Spanish V	AP Statistics
AP Studio Art I	AP Studio Art II
AP U.S. History I	AP U.S. History II

Advanced Placement Weighting

The following courses will receive AP course weighting:

- Calculus C/D
- Senior Seminar (if enrolled in both English & Social Studies)

Assessments

Final Assessments

Examinations or other assigned culminating projects are usually given for each course at the end of each semester. These final assessment grades are averaged with their final quarter grade. School days are set aside for the final exam only. It is expected that students will take their exams when they are scheduled. Requests for exceptions must be made to the Assistant Principal.

Grade Reporting/Progress Reports

Grades are reported mid-marking period and at the end of each quarter. Grades will be available online through Skyward.

Grading System

Numerical averages will be converted into letter grades based on the scale in Appendix A. Final exam grades will be averaged into their quarter grade. Individual departments will decide on the weighting of each exam with the exam not exceeding 20%. The final grade will be the average of all four quarter grades.

Homework/Makeup Work

The Ridgewood Board of Education believes that homework relevant to material presented in class provides an opportunity to broaden, deepen or reinforce student's knowledge. Teachers must use discretion in deciding the number and length of assignments.

Homework shall not be used for punitive reasons.

Students absent for any reason must make up assignments, class work and tests within a reasonable length of time. In most cases, a reasonable length of time shall be the same number of school days as the days missed.

Incompletes

When a student does not complete work missed for absence or other excused reasons, he/she will receive an "incomplete" for the marking period. Students will be given two weeks following the end of the marking period to make up the missed work.

If work critical to the student's understanding of the subject is not made up, a failing grade for that subject area may be assigned.

If work is missing during the final marking period of the school year, the grade will be left to the discretion of the teacher. The teacher who has given an incomplete is responsible for reporting to the student the work he/she has missed and citing the consequences mentioned above.

At Ridgewood High School, the grade of "I" will only be assigned if coursework is not completed because of extenuating circumstances, i.e., illness, death in family. Incomplete grades will NOT be given to students who choose not to complete the coursework by the end of the quarter.

Note: If the "I" grade is not converted within the expected timeframe, a failing grade will automatically be assigned.

Honor Roll

At the end of each grading period, a student's quarter grades are used to compute an Honor Roll, a recognition for high achievement. The achievement is communicated to parents on the quarterly grade report as Honors, High Honors, or Highest Honors. Any grade of E, I, or D disqualifies a student from any Honor Roll. Students must be fully scheduled to qualify for any of the Honor Rolls.

Honors:	Unweighted GPA of 3.00 – 3.49
High Honors:	Unweighted GPA of 3.50 – 3.99
Highest Honors:	Unweighted GPA of 4.00

National Honor Society

Ridgewood High School is a member of the National Honor society and we are a recognized chapter. Eligibility for acceptance into the NHS is based on the following criteria:

- Possess and maintain a 3.90 Grade Point Average on the General GPA Scale or the Academic GPA Scale
- Maintain the school standards of conduct
- Demonstrate character
- Demonstrates service and scholarship
- 50 hours of community service

Eligible students will be notified of the application process in May of the Junior year

Student's year of entry into Grade 9	Graduation Requirement
N.J. Department of Education Required Assessments	PARCC Exam
English/Language Arts Literacy	20 credits (including English 9-12)
Health & Physical Education	At least 3.75 credits per year in physical education, health & safety during each year of enrollment, distributed as 150 minutes per week
Mathematics	15 credits (including Algebra I, Algebra II, Geometry)
Science	15 credits (including Lab Biology; Lab Chemistry and/or Physics and/or Environmental Science)
Social Studies	15 credits (including Modern World History/Geography, U.S. History I & II)
World Languages	5 credits
21st Century Life & Careers (Family/Consumer Science, Business Administration & Technology, Technology Education)	5 credits
Financial, Economic, and Entrepreneurial Literacy	2.5 credits
Visual and Performing Arts (Art, Music, Drama, Dance)	5 credits
Electives	15 credits
Total number of required credits	120 credits

FRESHMEN F.O.C.U.S.

Freshman F.O.C.U.S. (0099GU)

Friendly Outreach for a Community of Understanding and Success

The Freshman F.O.C.U.S. program is designed to assist ninth graders as they enter Ridgewood High School. Activities have been designed to ease the immediate transition to a new building and academic setting. This program also provides the opportunity for students to address the issues of personal development that all adolescents face through these important four years. The goal of the course is to provide a solid foundation and sense of community that will enhance the academic and personal success for all students.

RHS Peer Counselors, carefully selected, trained and supervised eleventh and twelfth grade students, are the key element in the program. Peer Counselors provide immediate and meaningful contact for ninth graders. Peer Counselors reach out to a small group of ninth graders and continue to work with that same group of youngsters consistently throughout the year.

The leadership of the RHS Peer Counselors through the Freshman F.O.C.U.S. program complements the ongoing group sessions for ninth graders that are led by the professional Guidance staff. In addition, the Principal, Assistant Principals, Media Specialists, Grade Advisors, and other professionals meet with ninth graders whenever appropriate.

ACADEMIC POLICIES

Audits

Students may choose to audit a class for the purpose of enrichment or to repeat a course that is a prerequisite to another. The audit agreement is made between the student and teacher once the semester has begun but no later than the end of the third week. Teachers are not required to accept auditors. Acceptance is based on enrollment only and if seats are available. If an audit agreement is made, teachers are not required to evaluate student work or progress. The course audit, when completed, will appear on the permanent record but no credit will be issued and audited courses do not fulfill graduation requirements.

Financial Assistance

Any student unable to pay any special course costs or purchase required workbooks may apply for financial assistance in the Principal's office.

Remediating Courses

When a student earns a grade of D or E, he/she is entitled to remediate the course through an approved summer school. Both grades will appear on the transcript and calculate into the GPA.

(Please note that only RHS's summer school grades will be calculated into the GPA. Other approved summer schools will be honored for credit but not GPA weighting.)

New Work for Credit

New work for credit courses given by an accredited high school can be used for transcript purposes. Only courses given by Ridgewood High School can be used for calculating a GPA. This must be approved by a supervisor prior to enrolling.

College courses or special programs taken during the year cannot be used for credit toward high school graduation. The Department Supervisor must approve credit for those seeking acceleration in the curriculum pattern.

Online Courses

Financial Literacy will be the only course that will be permitted to be taken online for new credit. The program must be approved by the department supervisor.

Student Records

The Family Rights and Privacy Act of 1975 permit parents/guardians to access their child's school records. Copies of the procedures regarding student records are available upon request.

1. A student's school records may be examined upon request by natural parents/guardians or any person designated as a representative by them. Students 14 years or older may examine their records. Younger students must have parental consent.
2. Official student records may not be released to other persons or institutions without written permission of the parent/child, except as otherwise authorized by law.
3. Procedures for challenging the contents of student records are included in the policy.

Any questions regarding this law or the school's policy should be directed to the High School for clarification.

Transferring Credit

- A. Credit earned by Ridgewood High School students in educational programs outside the High School District is subject to review prior to acceptance.
- B. Coursework taken by students at another Bergen County District high school prior to their matriculation as freshmen shall not receive high school credit.
- C. Evening high school, foreign study programs and junior college coursework may be accepted as credit toward graduation with the prior approval of the Principal.
- D. The practice for grade transfers for students who enter Ridgewood High School mid-term directly from another school is as follows:
 - The counselor will inform each teacher of the grade earned by the student in the similar course at the previous school.
 - The teacher will use that grade in conjunction with the grades earned at Ridgewood High School to determine quarter and semester grades.
- E. The practice for grade transfers for students who enter mid-term without having attended school previously that semester is as follows:
 - A student who enters school during the first three weeks of the semester without having attended school previously that semester will be required to do make-up work in each of his/her courses.
 - A student who enters after the third week but before the end of the twelfth week without having attended school previously that semester can get credit for courses if:
 - he/she satisfactorily passes required work for the date of entry,
 - he/she passes the final examination, and
 - the teacher recommends that full credit be awarded. The teacher will recommend that full credit be awarded if the student is judged to be ready to move onto the next course in the sequence, by having achieved a level of learning similar to other students in the course.

REGISTRATION & SCHEDULING

Role of the Guidance Counselor

Guidance Counselors assist students in registering for academic programs and scheduling their classes. The counselor's role varies depending upon a student's year in school, type of program, and post-high school plans. However, the guidance counselors usually act as facilitators in the decision making process: explaining curriculum, interpreting course content, accounting for school policies and procedures, and assessing student interests and needs. A guidance counselor's knowledge of students, the high school curriculum, and college and technical school requirements are used with individuals or groups of students to plan appropriate programs each semester. Scheduling for the next school year occurs in February. When academic or scheduling problems arise, guidance counselors are available to help students and parents develop solutions.

Student Class Load

In Grades 9 and 10, the minimum program expected at Ridgewood High School consists of 7 subjects each semester. In Grades 11 and 12, the minimum requirement is 6 subjects each semester. Exceptions to this policy may be granted with the approval of the Assistant Principal of Guidance, Curriculum & Instruction.

Enrollment in Courses

Any course listed in this book that does not receive the necessary minimum enrollment may be dropped. Students who registered for any dropped course will be given the opportunity to select an alternate course.

Course Change Deadlines

Students may drop or change courses only after the parent or guardian, teacher, and counselor have completed the Course Drop form. The Department Supervisor must be consulted and must sign the form. Semester and full year courses dropped after ten (10) full class sessions, regardless of when a student enrolls in Ridgewood High School, will carry a grade of W/E (withdrawal failing) or W/P (withdrawal passing) on the student's permanent record, unless extenuating circumstances require a review by the Principal. Two important points need to be remembered when dropping or changing courses:

- Students must continue attending the classes they are enrolled in until a drop or change is approved.
- Seats may not be available in the replacement course selected in which case the student would have the choice of remaining in the original course. If the dropping of the course places the student below minimum course load, the student will be assigned a study hall.

Course change requests may be initiated by a teacher, student, guidance counselor or parent. A student's performance in present and past courses, plus any relevant test scores and current progress, can be used in deciding on a course change. The student must pick up a Schedule Change form in the Guidance Department and obtain teacher, department chair, parent and guidance counselor signatures. It is expected that a conversation will happen at each level to make certain that the change is appropriate. Student and parent must be aware that the student's schedule may change. The grade will follow the student to the next course.

Please note that student initiated changes will be allowed up until the first week of each semester.

PROGRAM PLANNING

Sample Programs

The following program is a sample only. Successful completion of the courses included in this program will provide the necessary background to pursue further education or employment in the appropriate area.

In either a two or four year college, the student secures a broad background in the arts and sciences through the study of literature, philosophy, art, music, language, history, mathematics, and sciences. While a student may indicate his/her intended major as an incoming freshman, most colleges provide a core of courses for all students during the first two years, and specialization is delayed until the junior and senior years.

Sample College Prep Program	
9th Grade	
<ul style="list-style-type: none"> English 9 World History Algebra I or Geometry World Language I or II Biology Wellness 9 Visual/Performing Arts/Financial Literacy 	
10th Grade	
<ul style="list-style-type: none"> English 10 U.S. History I Geometry or other Mathematics Chemistry World Language II or III Wellness 10 Career/Technical Education (Practical Arts)/Financial Literacy 	
11th Grade	
<ul style="list-style-type: none"> English 11 U.S. History II Algebra II or other Mathematics Physics World Language III or IV Wellness 11 Business/Technology 	
12th Grade	
<ul style="list-style-type: none"> English 12 Math Elective Up to 4 Electives in World Language, Social Studies, Science Wellness 12 	

Note: Many variations are possible. Colleges have such a wide variety of admissions standards that students and parents are urged to work very closely with their guidance counselor when formulating course selections.

COLLEGE IN HIGH SCHOOL

Bergen Community College

English 12 College Prep and English 12 Honors curricula satisfy the requirements of Writing 101 (*English Composition I*) and Writing 201 (*English Composition II*), a two-part, one year program at BCC. In order to be eligible to participate in this program, your child's grade average at mid-year must be a "B" or higher in his/her current English 12 course. In order to be awarded college credit, the student must maintain a "B" average and receive a grade of 70% or higher on his/her final exam in English 12. The course grade awarded by RHS will be used to determine the grade on the college transcript. To enroll, students must pay a fee of approximately \$67.50 per credit.

U.S. History I College Prep and U.S. History I Honors curricula satisfy the requirements of HIS 111 (*U.S. History to Reconstruction*), a U.S. History course at BCC. In order to be eligible to participate in this program, your child's grade average at mid-year must be a "B" or higher in his/her current RHS U.S. History I course. In order to be awarded college credit, the student must maintain a "B" average and receive a grade of 70% or higher on the final exam in his/her U.S. History I class. The course grade awarded by RHS will be used to determine the grade on the college transcript. To enroll, students must pay a fee of approximately \$67.50 per credit.

U.S. History II College Prep and U.S. History II Honors curricula satisfy the requirements of HIS 112 (*U.S. History from Reconstruction*), a U.S. History course at BCC. In order to be eligible to participate in this program, your child's grade average at mid-year must be a "B" or higher in his/her current RHS U.S. History II course. In order to be awarded college credit, the student must maintain a "B" average and receive a grade of 70% or higher on the final exam in his/her U.S. History I class. The course grade awarded by RHS will be used to determine the grade on the college transcript. To enroll, students must pay a fee of approximately \$67.50 per credit.

Chemistry College Prep and Chemistry Honors curricula have both been aligned with the curriculum for CHM 100, Introduction to Chemistry, which is currently taught at Bergen Community College. CHM 100 is offered at BCC as a four-credit course, three credits for lecture and one credit for lab. To receive Bergen credits, students must receive a grade of 70% or higher on a pre-approved cumulative final exam. This exam will be graded jointly by an RHS teacher and BCC Chemistry professor. To enroll, students must pay a fee of approximately \$67.50 per credit.

Environmental Science curriculum has been aligned with the curriculum for BIO 108, Introduction to Environmental Biology, which is currently taught at Bergen Community College. BIO 108 is offered at BCC as a four-credit course, three credits for lecture and one credit for lab. To receive Bergen credits, students must receive a grade of 70% or higher for their overall course grade. To enroll, students must pay a fee of approximately \$67.50 per credit.

Physics College Prep and Physics Honors curricula have both been aligned with the curriculum for PHY 185, Introduction to Physics, which is currently taught at Bergen Community College. PHY 185 is offered at BCC as a four-credit course, three credits for lecture and one credit for lab. To receive Bergen credits, students must receive a grade of 70% or higher on a pre-approved cumulative final exam. This exam will be graded jointly by an RHS teacher and BCC Physics professor. To enroll, students must pay a fee of approximately \$67.50 per credit.

Anatomy and Physiology Honors curricula satisfies the requirements for BIO 109, which is a one semester Anatomy and Physiology course and for BIO 209 which is also a one semester course. In order to be eligible to participate in this program, your child's grade average at mid-year must be a "B" or higher in his/her current RHS Anatomy and Physiology course. Students will be able to earn eight (8) college credits in Anatomy and Physiology from Bergen Community College upon successful completion of this year's Anatomy and Physiology course at RHS. In order to be awarded college credit, the student must receive a grade of 70% or higher for the overall course grade in which marking period exams are weighted at least 60%. The course grade awarded by RHS will be used to determine the grade on the college transcript. To enroll, students must pay a fee of approximately \$67.50 per credit.

Fairleigh Dickinson University

Art History Advanced Placement – junior and seniors enrolled in this class may also opt to enroll in the Fairleigh Dickinson University Middle College Program. This program enables students to earn three college level elective credits. Other benefits include: FDU sponsored field trips, access to FDU libraries and computer facilities, FDU grant opportunities, etc. To enroll and receive college credit, students must pay a fee to FDU. Additional information is available from the Department of Art and Design office.

Syracuse University

Forensic Science – This course provides an introduction to understanding the science behind crime detection and analysis. The course emphasizes the techniques used in evaluating physical evidence and laboratory techniques currently employed in forensic investigation. Topics included are: blood analysis, microscopic investigation, hair analysis, DNA, drug chemistry, and toxicology. Fiber comparisons, paints, glass compositions and fragmentation, fingerprints, soil comparisons, and arson investigation among others. This course is articulated with Syracuse University and students can receive four (4) college credits if desired.

NAVIANCE/FAMILY CONNECTION

(The Guidance Office website)

Naviance/Family Connection

Naviance/Family Connection offers a number of innovative, easy-to-use, web applications for high school students and their parents to assist with a variety of tasks such as: college research, college planning, college application process, teacher recommendation requests, career planning, and much more.

College Planner

College Planner is a powerful tool to assist students and parents with the college search and application process. For the past several years, the Guidance Department has used the **Counselor Connection**, powered by Naviance, to keep track of RHS college admissions data. To make admissions comparisons more accurate, only data from Ridgewood High School students is employed (2013-2017). Senior survey notebooks containing this data are available in the Guidance office for students and parents to peruse.

NAVIANCE/FAMILY CONNECTION College Planner will help you:

- Complete and save a comprehensive college search (**College** link/College Search)
- Keep track of your PSAT, SAT, ACT, and AP test scores (**About Me** link/Test Scores)
- Develop an activity sheet (**About Me** link/Resume)
- Check admissions results for RHS students with comparable GPAs and SATs/ACTs (**College** link)
- Find out when admissions counselors will be visiting RHS and sign up for the meetings (**College** link/Upcoming College Visits)
- Connect to other useful web sites related to college admissions and financial aid (**Home Page**/Pages -- Links to other websites)
- Receive important e-mail communications from your guidance counselor regarding the college process.
- Emails will go to both your personal e-mail address as established on Naviance AND your **INBOX** on the NAVIANCE/FAMILY CONNECTION site.
- Keep your counselor informed of your plans and progress through e-mail.

NAVIANCE eDocs

This feature of Naviance allows RHS to send all college application school documents electronically to over 5,000 colleges. The forms that will be sent are: Official Transcript, Secondary School Report, Counselor Letter of Recommendation, Teacher Letters of Recommendation, and RHS School Profile. We also receive an electronic date stamp when the college receives the documents and downloads them.

STUDENTS AND PARENTS CAN ACCESS NAVIANCE/FAMILY CONNECTION AS FOLLOWS:

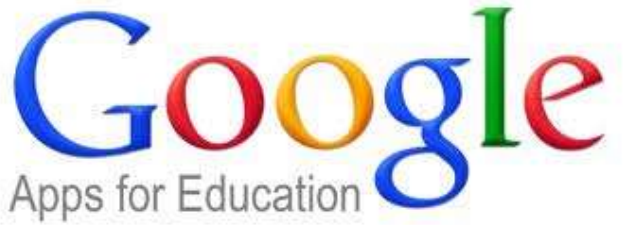
<http://connection.naviance.com/ridgewood> (or use the Naviance icon on the RHS home page)

- Sign in with your registered e-mail and your password
- If you forgot your password, click on the "Forgot your Password" link.
- If you do not have a Naviance account, contact your guidance counselor to set one up.

Naviance's Family Connection is a comprehensive **online** tool created to assist students and parents with the following:

- Communications (Freshman Year)
- Career Planning (Sophomore Year)
- College Research (Junior Year)
- College Application Process (Sr Year)

NOTE: Naviance is specific to RHS



Google Apps is Web-based email, calendar & documents for collaborative study anytime, anywhere. Every RHS student has an account in Ridgewood Public Schools Google Apps for Education which includes:

- Email. **This email address will be used for all school related communications with student**
- Calendar
- Drive - cloud based storage that can be used to store files for access from any internet connected computer or mobile device
- Docs - for word processing, Sheets - spreadsheet, Slides - for presentations, Sites - personal website

With Google Apps for Education, students and staff will be able to:

- Collaborate and work online with other students in their group
- Be more engaged and productive in class and at home.
- Have access to all documents without emailing attachments or saving to a Flash-drive.
- Use their Ridgewood email account to communicate effectively with teachers and peers.



Skyward Family & Student Access

Skyward is a student information system used by our district to support the educational process, accumulate, maintain, analyze and report student data.

Skyward Family & Student Access are password-protected portals that provide parents/guardians and students online access to students information regarding assignments, grades, attendance, discipline, activities and fees anytime, anywhere, with an Internet connection. This will aid in ongoing communication between students, teachers, and parents to promote student success.

With Skyward Family Access Parents/Guardians Can:

- Keep their family demographic and contact information up-to-date for district communication and emergencies.
- Keep track of their student's progress with real-time access to grades, teacher comments, class/homework assignments, attendance and discipline.
- Access Report Cards and accolades through Student Portfolios.
- Communicate with teachers, guidance counselors and school personnel through Message Center.
- Keep track of Fees and Food service account, register for PSAT & AP testing and make online payments.

With Skyward Student Access Students Can:

- View calendar, class schedule, assignments, grades, and teacher comments in real-time.
- Communicate with teachers, guidance counselors and school personnel through Message Center.
- Access information, such as your locker number and combination, food service pin number and account balances.
- Request courses and review recommendations for next year's schedule.

Important: Please keep your contact information (phone numbers and email addresses) up-to-date at all times to receive communications from the school.

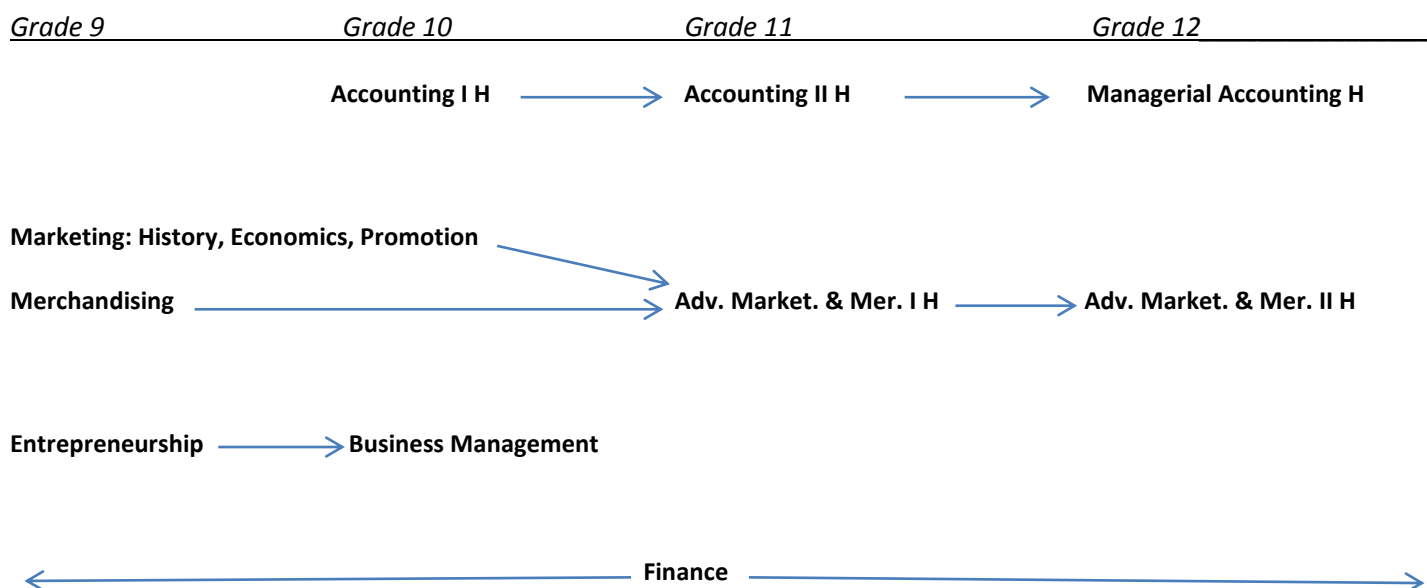
STUDENT SUPPORT SERVICES

ACADEMIC AND SOCIAL RESOURCES		
PROGRAM	SERVICE	TARGET GROUP
Counseling	Full range of counseling services in the personal, academic and college fields	All students and parents
Naviance	Provides families with an innovative, easy-to-use, web-based application to assist with a variety of tasks such as: current high school course requests, college planning, the college application process, career planning, and much more	All students and parents
Freshmen F.O.C.U.S. (Friendly Outreach for a Community of Understanding and Success)	Designed to assist 9 th graders to ease the transition to a new building and academic setting	All 9 th grade students
Peer Counselors	Trained 11 th and 12 th grade students lead Freshmen Focus Groups	All 9 th grade students
Period 9	Open period reserved for students to visit academic teachers	All students
World Language Lab	Required aural language practice and extension of the curriculum	All students enrolled in foreign language classes
Peer Tutoring	National Honor Society members provide peer tutoring before and after school	All students
Quiet Study Hall	Supervised silent study area	All students
Home Instruction	Support in academic subjects for students who cannot attend school due to medical reasons	Students must be absent from school for at least ten consecutive days due to illness and have medical certification
Learning Commons	Books, reference materials, periodicals, newspapers, videos, camera equipment and editing facilities are among the tools available for faculty and student use. The facility is widely utilized by independent student learners, as well as students accompanied by their classroom teachers. Faculty and students may seek assistance from professional and paraprofessional staff from 7:30 am until 3:00 pm (M-F) for research using print and electronic sources. It remains open until 4:15 pm. Computer stations are fully networked, offering access to the on-line card catalog, Internet and databases. Open computer labs are available for individual use and class assignment.	All students
Crisis Intervention Counselors (CIC)	Trained social workers available for student and family support	All students and parents
Health Services	A full time Certified Nurse and Athletic Trainer on staff	All students
Intervention and Referral Services (I&RS)	Faculty assessment team to consider underlying causes of student difficulties	All students exhibiting behaviors for concern
Section 504 Accommodations	Classroom and testing accommodation plan developed to meet individual student needs	Students determined to be eligible through the 504 Committee
Child Study Team	Individual and group support to students, available through the IEP or Intervention and Referral Services team	Students who qualify
Special Education Programs/Academic Assistance/Supplemental Support	Specially designed instruction for students with identified disabilities. Small group learning strategies, tutoring, academic monitoring	Students determined to be eligible for services through a designated Child Study Team
English as a Second Language (ESL)	Classroom instruction simultaneously in English language skills and content	All qualified students with limited capabilities in speaking, reading, and writing English and for whom English is a second language
SAGE Day Program	Individual, family and group counseling for students presenting with emotional difficulties that are seriously affecting their academic and social functioning	Students recommended by team

BUSINESS AND MARKETING

COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES	PREREQUISITE
BUSINESS & MARKETING DEPARTMENT							
6704BU	Accounting I	Honors	Elective	Full year	5.0	10-12	Successful completion of Geometry or Geometry H
6714BU	Accounting II	Honors	Elective	Full year	5.0	11-12	Accounting I Honors; Teacher Recommendation
6724BU	Managerial Accounting	Honors	Elective	Full year	5.0	12	Accounting I Honors, Accounting II Honors
6739BU	Advanced Marketing & Merchandising I	Honors	Elective	Full year	5.0	11-12	Marketing: History, Economics, Promotion; or History and Economics of Sports, Entertainment & Recreation Marketing; or Merchandising
6769BU	Advanced Marketing & Merchandising II	Honors	Elective	Full year	5.0	12	Advanced Marketing & Merchandising I
6702BU	Finance	College Prep	Elective	Semester	2.5	9-12	None
6719BU	Marketing: History, Economics, Promotion	College Prep	Elective	Semester	2.5	9-12	None
6729BU	Merchandising	College Prep	Elective	Semester	2.5	9-12	None
6789BU	Entrepreneurship	College Prep	Elective	Semester	2.5	9-12	None
6794BU	Business Management	Honors	Elective	Semester	2.5	10-12	Entrepreneurship

RHS Business & Marketing Program Flow Chart



Business & Marketing

The Ridgewood Public Schools Business and Marketing program prepares students to manage personal finances while understanding the intricacies of the business world. Each course contributes to the intellectual growth of all individuals by providing the essential background required in today's complex and rapidly changing world.

The Business Department's courses are designed to meet a wide range of needs; Pre-college courses which help those students who are interested in majoring in business administration, accounting, marketing or management; Pre-employment courses, which provide for the acquisition of skills and the development of personal competencies and qualities desirable for successful job attainment; and Personal courses, which make a valuable contribution to each individual's personal, civic, and economic well-being. The use of computers is incorporated into daily class activities to prepare students to meet the technology challenge in today's business community.

Accounting I Honors

6704BU

This is a full year course designed to provide both the college-bound and/or the business student with the understanding of skills and concepts associated with basic accounting principles. The student will see the development of each accounting step and how this sequence of steps fits into the total accounting system. This course will fulfill the dual purpose of preparing students to handle daily systematic recordings of an actual business so as to achieve entry-level job skills, while at the same time provide necessary background for future study in accounting and business. Students will be able to prepare and interpret financial statements and will also be able to keep accounting records for both a service and a merchandising business.

In addition to the theory of accounting, students will explore the area of electronic spreadsheets for the preparation of financial statements and interpretive business condition reports. A popular software package presently being used or adaptable to area business will be used, in addition to exploring other programs to expand the students' knowledge for future study in college and eventually in business.

Students have the opportunity to join DECA, the co-curricular business club, and participate in regional, state, and national competitions. Prerequisite: Successful completion of Geometry or Geometry H (Elective full year course for grades 10-12)

Accounting II Honors

6714BU

This is a full year course that allows students to apply the basic principles learned in Accounting I through the study of corporate, managerial, and cost accounting. Students will work with special journals (sales, cash receipts, purchases and cash payments). This work will involve corporate accounting and financial statements, payroll, tax, depreciation, uncollectibles, and inventories. Business simulations will be completed using manual and computerized accounting. This course will prepare the student for an entry-level accounting position and/or a business administration, marketing, management or accounting major in college.

Students have the opportunity to join DECA, the co-curricular business club, and participate in regional, state, and national competitions. Prerequisite is Accounting I. (Elective full year course for grades 11 and 12)

Managerial Accounting

6724BU

This is a full year course that will provide students with an introduction to fundamental managerial accounting concepts such as: managerial accounting, job order costing, process costing, activity-based costing, cost-volume-profit, cost-volume profit analysis, incremental analysis, pricing, budgetary planning, budgetary control, and responsibility accounting, standard costs and balanced scorecard, planning for capital investments, statement on cash flows, financial statement analysis, time value of money, and standards of ethical conduct for management accountants. Students have the opportunity to join DECA, the co-curricular business club, and participate in regional, state, and national competitions. Prerequisite: successful completion of Accounting I and II honors. (Elective full year course for grade 12)

Advanced Marketing & Merchandising I Honors

6739BU

Advanced Marketing & Merchandising II Honors

6769BU

This is a full year course that reinforces the foundations of marketing and prepares students in the field of marketing, merchandising and management. The curriculum alternates each year so level 1 and level 2 students will both focus on the areas of customer service, human resources, public relations, leadership and management, and business skills. Students will be

utilizing the Glencoe Marketing Essential Textbook and additional resources including “Be Our Guest: Perfecting the Art of Customer Service” a Disney inspired book. Instructional strategies include a school-based enterprise (Gilbee’s Corner), daily computer/technology applications, real and/or simulated occupational experiences, and projects in the marketing functions such as those available through the DECA program of activities.

Students have the opportunity to participate in the Marketing Education Cooperative Work/Study Program in which students are employed a minimum of fifteen hours per week in an approved business establishment. Employed students earn a total of ten additional credits. Participation in the Cooperative Work/Study Program is optional.

Additionally students enrolled in this course will have the opportunity to experience first-hand the customer service and leadership seminars offered at Walt Disney World through the Disney Youth Education Series program field trip. Attendance for this field trip is optional.

Students in this course must participate in DECA, the co-curricular business club and participate in the regional competition. State and national competitions are optional to attend.

This course meets the requirements of the “School to Careers” initiative. Prerequisite: Marketing: History, Economics & Promotion, Entrepreneurship, or History and Economics of Sports, Entertainment & Recreation Marketing. (Offered as a full year course in grades 11-12) Advanced Marketing & Merchandising II has a prerequisite: Advanced Marketing & Merchandising I. (Offered as a full year course in grade 12)

Finance

6702BU

This is a semester course that provides a financial education for a new generation. With personal bankruptcies and credit card debt increasing while retirement savings are decreasing amongst Americans, the need to learn about financial literacy is critical. This course will provide students with an opportunity to manage their money in an effective manner so that they are not only “just getting by,” but can become “people who get it.” “People who get it,” are able to plan and save for upcoming events, such as paying for college, buying a car, or buying the latest technology. Instructional strategies include daily computer/technology applications, real and/or simulated occupational experiences, and projects/activities surrounding understanding and setting attainable financial success. First time Business students who take Finance are not eligible to be DECA members; but students who are already RHS DECA members may continue to participate and compete in regional, state, and national competitions. (Offered as a semester course in grades 9-12)

Marketing: History, Economics & Promotion

6719BU

This is a fall semester course, which provides a basic introduction to the scope and importance of marketing in the global economy. It is based on the marketing framework, including market segmentation, pricing, selling, and distribution of goods and services. These principles will shed light on how advertisers sell to consumers in the real world through marketing tools and psychological techniques. These tools are taught through the creation of a portfolio. This procedure sets a foundation of marketing knowledge necessary for competition in marketing and business related DECA competitions. Instructional strategies include computer based applications, simulated occupational experiences, projects with marketing functions, as well as writing a short research paper using key points from the different units. Students have the opportunity to join DECA, the co-curricular business club, and participate in regional, state, and national competitions. In addition students enrolled in this course will be given the opportunity to attend the Disney Youth Education Series in Walt Disney World field trip with the Advanced Marketing I/II students, if room is available on the trip. (Offered as a fall semester course in grades 9-12).

Merchandising

6729BU

This is a spring semester course which deals with the buying, selling, and promotion of goods and services. The portfolio encompasses the use of marketing and advertising for apparel and accessories, restaurant/food marketing, hospitality and tourism, as well as e-commerce. Marketing emphasizes the market segmentation, target marketing, pricing, and promotion of goods and services deriving from items in the portfolio. Students will complete original work along with real world and simulated scenarios. These projects will be similar to those found in the DECA program and associated activities. Students have the opportunity to join DECA, the co-curricular business club, and participate in regional, state, and national competitions. (Offered as a spring semester course in grades 9-12)

Entrepreneurship**6789BU**

In this one semester course, students will study the concepts and principles associated with starting one's own business. The course is designed to teach entrepreneurial skills, such as recognizing opportunity, feasibility analysis, market analysis, developing a business plan, and financial management. As the majority of companies within the United States are launched by entrepreneurs, this course will provide you with the groundwork necessary to begin implementing your business idea. Areas covered will include definition of entrepreneurship, analyzing your potential as an entrepreneur, recognizing opportunity, creating a feasibility analysis, creating a business plan, analyzing the market place, determining ownership structure, understanding the legal environment, creating a marketing plan, determining your marketing mix (product, price, place, and promotion), managing sales and inventory, managing operations and staff, and financing your business. The course will focus on the students creating an entrepreneurship business plan and a presentation to potential financial backers. In addition, students enrolled in the Entrepreneurship course will have the opportunity to join DECA, the co-curricular business club and participate in regional, state, and national competitions. The culmination of this course will include a written entrepreneurship business plan that is eligible to be presented at the State level DECA competition held in February for the opportunity to qualify to attend National level competition. There are no prerequisites for this course. (Offered as a semester course in grades 9-12)

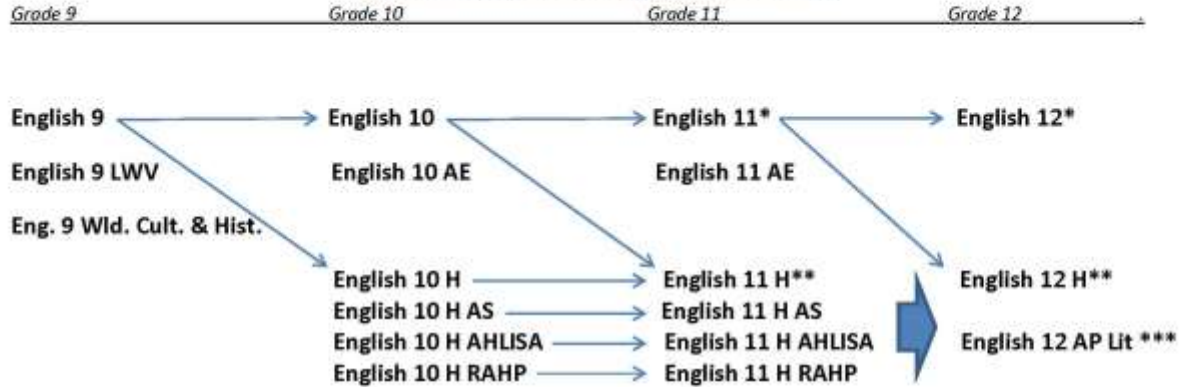
Business Management**6794BU**

In this one semester course, students will build on foundation materials for becoming a manager in a general business setting that could be applied and added to personal and professional skills in different fields. Expanding on the knowledge coming from the entrepreneurship class, which is the prerequisite to business management, students will be able to understand their roles as a leader and manager beyond just the focus of running a business. The new applications of how to develop strategy, brainstorm, and develop a positive working culture are all key components to being a successful manager. Prerequisites: business teacher recommendation; application process. Students in this course must participate in DECA, the co-curricular business club and participate in the regional competition. State and national competitions are optional to attend. (Offered as a semester course in grades 10-12)

ENGLISH

COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES	PREREQUISITE
DEPARTMENT OF ENGLISH							
1104EN	English 9	College Prep		Full Year	5.0	9	None
1114EN	English 9 Literary World Views	College Prep		Full Year	5.0	9	Enrollment in History of the Modern World
1124EN	English 9 World Cultures and History	College Prep		Full Year	5.0	9	Student Signature on course expectations. 8th grade English/SS teacher rec
1204EN	English 10	College Prep		Full Year	5.0	10	English 9
1202EN	English 10	Honors		Full Year	5.0	10	English 9; teacher recommendation
1214EN	English 10 The American Experience I	College Prep		Full Year	5.0	10	English 9, teacher rec, student signature on course expectations
1242EN	English 10 American Studies I	Honors		Full Year	5.0	10	English 9, App Process, completion of summer work
1222EN	English 10 American History & Literature w/Integrated Study in Arts I	Honors		Full Year	5.0	10	English 9, Application Process, completion of summer work
1192EN	English 10 RAHP	Honors		Full Year	5.0	10	English 9, App Process, completion of Summer Work
1224EN	English 11 The American Experience II	College Prep		Full Year	5.0	11	Teacher recommendation
1304EN	English 11	College Prep		Full Year	5.0	11	English 9, 10
1302EN	English 11	Honors		Full Year	5.0	11	English 9, 10; teacher recommendation
1301EN	English Language and Composition AP	AP		Full Year	5.0	11-12	English 10 or 11 Hon & teacher rec, completion of summer work
1342EN	English 11 American Studies II	Honors		Full Year	5.0	11	English 10 American Studies
1312EN	English 11 American History & Literature w/Integrated Study in Arts II	Honors		Full Year	5.0	11	English 10 AHLISA, completion of summer work
1322EN	English 11 RAHP	Honors		Full Year	5.0	11	English 10 RAHP
1404EN	English 12	College Prep		Full Year	5.0	12	English 9 – 11
1402EN	English 12	Honors		Full Year	5.0	12	English 9 – 11 & teacher rec
1400EN	English 12 Literature and Comp AP	AP		Full Year	5.0	12	English 9 - 11 & teacher rec, completion of summer work
1252EN	Senior Seminar	Honors/AP		Full Year	5.0	12	English 9 – 11; teacher rec
1724EN	The Beat Generation	College Prep	Elective	Semester	2.5	12	None
1722EN	The Beat Generation	Honors	Elective	Semester	2.5	12	Teacher recommendation
1532EN	Creative Writing	Honors	Elective	Semester	2.5	11-12	Teacher recommendation
1562EN	Crime & Mystery Fiction	Honors	Elective	Semester	2.5	11-12	Teacher recommendation
1542EN	Dramatic Literature	Honors	Elective	Full Year	5.0	11-12	Teacher recommendation
1102EN	English Enrichment	College Prep	Elective	Semester	2.5	9	Teacher recommendation
0509EN	English Prep	College Prep		Semester	2.5	9-12	None
1774EN	Humor in Literature	College Prep	Elective	Semester	2.5	12	None
1772EN	Humor in Literature	Honors	Elective	Semester	2.5	12	Teacher recommendation
1552EN	Literature & Film	Honors	Elective	Full Year	5.0	11-12	Teacher recommendation
1554EN	Literature & Film	College Prep	Elective	Full Year	5.0	11-12	None
1701EN	Literature, Identity and Media	College Prep	Elective	Full Year	5.0	11-12	None
1702EN	Literature, Identity and Media	Honors	Elective	Full Year	5.0	11-12	Teacher recommendation
1622EN	Myth, Legend & the Bible	Honors	Elective	Full Year	5.0	11-12	Teacher recommendation
1762EN	Non-Fiction Creative Writing I	College Prep	Elective	Semester	2.5	11-12	None
1765EN	Non-Fiction Creative Writing II	College Prep	Elective	Semester	2.5	11-12	Non-Fiction Creative Writing I
1764EN	Non-Fiction Creative Writing I	Honors	Elective	Semester	2.5	11-12	Teacher recommendation
1763EN	Non-Fiction Creative Writing II	Honors	Elective	Semester	2.5	11-12	Non-Fiction Creative Writing I & teacher recommendation
1582EN	Philosophy & Literature	Honors	Elective	Full Year	5.0	11-12	Teacher recommendation
1642EN	Studies in Shakespeare I/II	Honors	Elective	Full Year	5.0	11-12	Teacher recommendation
1522EN	Young Adult Literature	College Prep	Elective	Semester	2.5	11-12	None
ENGLISH AS A SECOND LANGUAGE							
0104FL	ESL English as a Second Language	College Prep		Full year	5.0	9-12	None

RHS Language Arts Program Flow Chart



***Other CP options for full year and semester courses at Grades 11 and 12 include:**

Literature & Film; Literature, Identity & Media; Young Adult Literature (sem); Acting/Advanced Acting (sem); Theatre Arts I/II (sem); Nonfiction Creative Writing (sem); The Beat Generation (sem); Humor in Literature (sem)

****Other Honors options for full year and semester courses at Grades 11 and 12 include (teacher recommendation is necessary):**

Dramatic Literature H; Literature & Film H; Literature & Psychology H; Philosophy & Literature H; Literature, Identity & Media H; Myth, Legend & Bible H; Studies in Shakespeare H; Creative Writing H (sem); Nonfiction Creative Writing H (sem); Crime & Mystery H (sem); The Beat Generation H (sem); Humor in Literature H (sem)

*****Other full year AP options at Grade 11 or 12 include (teacher recommendation is necessary):** *English 11 AP Language; Senior Seminar H/AP*

English

The Ridgewood Public Schools English program inspires appreciation for the English language and the universal themes its literature reveals. Students understand and demonstrate the conventions of academic English to facilitate effective written and spoken communication. Individuals independently analyze diverse texts from various genres with empathy and discernment to challenge assumptions and practice methods of interpretation and research. Students will possess both technical and reasoning skills necessary to meet the compelling challenges of the 21st century global community.

English 9

1104EN

English 9 supports students as they transition to the challenges of high school. With emphasis on reading strategies, academic writing, and mature language use, the curriculum provides students with the tools for increasing academic demands. Students in English 9 will experience a rich and varied course of study including core readings: *Romeo and Juliet*, *Antigone*, and *Night*, and other choices such as *Of Mice and Men*, *Gilgamesh*, and a variety of multicultural short stories and poetry.

English 9 Literary World Views

1114EN

English 9 Literary World Views provides a curriculum for students with high interest in reading and writing. Strategies for reading demanding texts including *Gilgamesh*, *The Odyssey*, *Antigone*, *Romeo and Juliet* and works such as *Night*, *The Road*, and a variety of short fiction, non-fiction, and poetry encourage students to seek meaning beyond the surface and to discover understanding through a rigorous writing sequence. Students recommended for this course should be prepared to invest in an exciting year of active learning.

English 9 World Cultures and History1124EN

This course focuses on exploring and responding to quality literature from a variety of cultures and is divided into four major units: Perspectives, Journey, Tradition and Change, and Fate vs. Free Will. Students will examine folklore, biography/autobiography, historical and realistic fiction, poetry, drama and essays. In addition, stories are examined from a historical, literary, or cultural perspectives. Collaborative learning, heterogeneous grouping, and attention to multiple intelligences are critical components of the course. Computer technology is used in researching, writing, fostering collaboration, and developing digital citizenship. Prerequisite: Student signature on course expectations/8th grade teacher recommendation.

English 10

College Prep 1204EN

Honors 1202EN

This course further develops the multi-paragraph essay form with emphasis on detailed development and variety of structure. Literature is studied in thematic units through short stories, poetry, novels and plays.

English 10 The American Experience I

1214EN

English 11 The American Experience II

1224EN

This is a college prep, two-year sequence of English and history classes, which correlates American literature with American history. The course is an alternative to the traditional English and social studies core course offerings for grades 10 and 11. The program is open to a limited number of college prep level students who have demonstrated passion for history-related subjects, task commitment, and general creative thinking and intellectual curiosity. In this two-year sequence, the English and history teachers collaborate around enduring understandings that connect facets of American history to themes in American literature. In the English section, the poetry, drama, novels and essays selected are those contemporary with the period being studied in history. Included are many of the important American writers. As the two classes often meet consecutively, teachers can extend instructional activities for special purposes. Opportunities for site-based learning align with particular units of study. Prerequisite: Recommendations from grade 9 English and world history teachers. Students not currently enrolled in the American Experience I course may apply for entrance into the junior year American Experience II course. (Full year course for grades 10-12)

The American Studies Program

10th Grade 1242EN

11th Grade 1342EN

This is a two-year sequence of English and history classes, which correlates American Literature with American History. The course is an alternative to English 10 and 11, and to U.S. History I and II, and is open to a limited number of students who

have demonstrated both the interest and ability to handle a demanding program. Cooperating teachers in English and social studies schedule classes so that two classes meet consecutively and, if teachers wish, can be grouped for special instructional purposes. (Note: *Huckleberry Finn* is a required reading in this course.)

In the history section, primary sources supplement the regular textbook. In the English section, the poetry, drama, novels and essays selected are those contemporary with the period being studied in history. Included are most of the important American writers.

Assignments in the program are usually long-term rather than daily. Emphasis is placed on composition, analysis, and research. In the history section, many assignments result in position papers or essays which stress a solid grasp of factual material and independent judgment on the part of the student. English papers and tests ask the student to evaluate critically the literature studied. The course includes history and English term papers in the junior year. 10 credits yearly, 5 in English and 5 in U.S. History for grades 10 and 11. Students are selected by a rigorous application process. Completion of summer work is required.

American History and Literature with Integrated Study in the Arts

10th Grade 1222EN
11th Grade 1312EN

This is an interdisciplinary course that creatively integrates study in the fine and performing arts with a strong academic focus on the study of both history and literature. With instructors from the English, History, and Visual/Practical/Performing Arts departments, students will explore the complex interrelationship between history and literature not only through traditional means, but also through exposure to and analysis of the visual, musical and theatrical work of the various time periods. Students will be expected to demonstrate their growing knowledge through the creation of images, musical compositions, creative writing, and theatrical performances that both intellectually and artistically assimilate and synthesize historical and literary material. This honors level course meets the requirements of U.S. I, U.S. II, English 10 and English 11. Students participate for two years. Art instructors visit English and History classes to coordinate study of contemporary arts with particular historical periods and works of literature.

Classes meet back-to-back to provide extended time for interdisciplinary teaching and discussion, independent study, presentation and performance of creative projects, and field trips. Work in this course will require students to take intellectual leaps and risks, to collaborate constructively not only with one another, but also with instructors in designing and evaluating projects. The unique focus of the course allows students ample opportunity for alternative assessment. The course stimulates student motivation and encourages student creativity. In addition to earning honors credit in both history and English, all students will earn art credit through the successful design and completion of all independent arts projects that demonstrate, explore and express their knowledge and understanding of the various historical periods. Students are selected by a rigorous application process.

English 10 RAHP Honors

1192EN

This is an interdisciplinary course designed to integrate the study of literature and health sciences. With instructors from the English, science and health departments in formal collaboration with the staff of Valley Hospital, students will explore various aspects in health, science, and literature. They will meet high school graduation and college entrance requirements, which are linked with real life applications in the health professions. Qualified students will have internships at Valley Hospital, field trips, and speakers from various health professions. Research projects will include an expert mentor in the student's area of interest.

In the 10th grade, students will further develop the multi-paragraph essay form with emphasis on detailed development and variety of structure. Elements within health sciences are studied in thematic units through short stories, poetry, novels and plays.

English 11

College Prep 1304EN
Honors 1302EN

This course builds on Grade 10 composition skills, emphasizing the rhetorical principles of unity and coherence. In English 11 CP and Honors, students read a variety of genres including poetry, short stories, novels, plays, and critical essays and reviews. Utilizing skills and knowledge developed in prior grades, students are asked to analyze and draw conclusions from critical reviews and essays and to incorporate these with their own criticisms of the literary works. Students write a formal research paper, analyzing and drawing conclusions from original and secondary sources, designing and supporting a thesis and using the

Modern Language Association writing format. Works of major American authors are studied in either thematic or chronological order.

English 11 RAHP**1322EN**

This is an integrated, collaborative, academic program designed to provide students with exposure to the vast array of career opportunities within the health care arena. The objective of the program is to provide a comprehensive, rigorous academic curriculum focused on applied and integrated learning. RAHP consists of a small learning community that fosters real life experiences with healthcare professionals through internships and mentorships with hospital personnel. Assignments in English 11 RAHP class are designed so that students connect concepts from literature to advance critical thinking, writing, and research skills. The rigor of this class demands daily and weekly formal writing assignments, as well as the sharing of ideas in class discussion. In addition, students are expected to explore and present a senior Capstone project proposal, the objective of which is to develop and to execute a research plan that will allow students to examine an original health-related issue. They will develop an action plan in relation to this issue, and present it to hospital and high school staff for evaluation in the senior RAHP seminar.

English Language and Composition AP**1301EN**

This course will provide rigorous, college-level instruction in reading, writing, and rhetoric. Students will read a wide variety of substantial texts—comprising a cross-section of fiction and non-fiction, including essays, memoirs, editorials, and speeches. Focusing in particular on how the authors of these pieces use language to achieve various effects and engage their audiences, students will write consistently in varied rhetorical modes and touching on various disciplines in order to constantly apply lessons learned from exemplary models of writing our culture has provided us. An important aspect of this course is direct preparation for the AP test in May. Prerequisite: successful completion of Honors-level 10th or 11th grade English and teacher recommendation.

English 12**College Prep 1404EN****Honors 1402EN**

This course is an extension of the 11th grade composition work with more attention paid to style and the rhetorical principle of emphasis. Informal essays, themes, and critical papers are written on a variety of personal and literary subjects, which grow out of class discussion and readings of American, British and Continental literature.

English 12 Literature and Composition AP**1400EN**

This is a course for selected students who have done superior work in English 10 and 11. Extensive outside reading as well as intensive class work is required of each student. Students will write critical papers based on works read and impromptu essays in preparation for the AP Test. Students will be expected to read several works during the summer and to take the AP Test in Literature and Composition in the spring.

An important aspect of the course is direct preparation for the AP English test in May. The preparation is based in part on the actual AP tests from previous years. Admission is by application and teacher placement.

Senior Seminar**1252EN**

This program is designed for highly motivated students interested in learning about Global literature. The program focuses on the development of academic commitment through self-directed student learning experiences. This senior culminating experience aims to heighten student global awareness and compels them to consider their place in the world.

Modeled on the Socratic Seminar, this course emphasizes independent research and study interwoven with intensive student discussion and dialogue in a small class setting. To achieve this, history and English faculty members plan each phase of the program with the participating students, taking into account student needs and interests as well as the goals and objectives of both departments. The prospective Seminar student must meet the prerequisite of having earned a B or higher in an Honors level English class during the two preceding academic years. This is a demanding course, recommended only for students with very strong academic skills. Students who select Senior Seminar English must select Senior Seminar Social Studies.

English Electives

These courses are open to all students. Seniors may satisfy the 12th grade English requirement by selecting two one-semester or one full year English course from among the electives. Each of these courses includes the learning of traditional language skills: reading, writing, speaking, listening and viewing.

The Beat Generation

College Prep 1724EN
Honors 1722EN

This is a semester literature and writing-intensive course revolving around "The Beat Generation." The course will focus on innovative aesthetic practices and the oppositional counterculture, "The Beat Generation," as responses to American post-war society. This course will also address changes in historical consciousness; representations of gender, race, class, and ethnic difference; and the reassessment of traditional categories and conventions that previously governed certain literary forms. This course will utilize interdisciplinary units and projects, involving history, music, and art, in order to fully immerse students in the culture and subjects explored by The Beats. Student writing assignments will potentially include memoirs, reflections on cultural texts, poetry, and explorations of self-identity. Students will develop their ability to self-examine, and ultimately, the course will allow students to find their own "voice," and begin to rediscover themselves as writers and people.

Creative Writing

1532EN

This course offers students the opportunity to write their own poetry and short stories. Students will develop their ability to think imaginatively and to find suitable written forms for their ideas. Although student writing is the cornerstone of this class, the value of reading, analyzing, and discussing a wide variety of literary models, both contemporary and classic, is also emphasized. By studying examples from successful published writers students will develop a deeper appreciation of the craft and art of writing creatively, and will come to realize that there are as many individual styles of written expression as there are artists. Ultimately, the hope is that this course will allow students to begin to discover their own unique creative voices. Honors credit. (Semester elective for grades 11 -12)

Crime and Mystery Fiction

1562EN

This course provides students the opportunity to study a representative selection of crime/mystery fiction. The course will explore questions of human motivation, good and evil, and law and justice. Students will read and discuss novels and stories from both British and American tradition. Composition objectives are the same as the current English 12 composition objectives. Honors credit. (Semester elective for grades 11-12)

Dramatic Literature

1542EN

This is an honors level English elective designed for 11th and 12th grade students with a particular interest in theatre. Students will read and analyze a variety of dramatic works, from classical to contemporary. Texts will be studied in chronological order and placed in the context of theatre history.

In addition to discussion and essay writing, students will be required to engage in staged performances and scenes from the works in question. Students will also have opportunities to engage in theatre design activities or to direct other students in scenes. (Full year elective for grades 11 -12)

English Enrichment

1102EN

This course is designed to assist students in developing their critical reading, writing, speaking, listening and media literacy skills. This course focuses on improving vocabulary and grammar. Students will also learn essential organizational and study skills. This is a semester course for 2.5 credits; it does not replace the English requirement for 9th grade. Students are recommended for this course based upon the analysis of multiple data sources.

English Prep

0509EN

This is a course assigned to students who would benefit from targeted support in language arts skills, including but not limited to active reading strategies, critical response, and literary analysis. The course consists of instruction and guided practice, administered one-on-one or in a small group.

Humor in Literature

College Prep 1774EN
Honors 1772EN

This semester course explores the roles of comedy and humor in literature, as well as in the contemporary American culture. Students will consider the social and political impact of humor, as well as its various forms, including: satire, parody, absurdism, and observational humor. The course will utilize contemporary texts, both fiction and non-fiction, as well as each text's social and historical context. Various literary genres will be analyzed, including essays, memoirs, plays, novels, television shows, movies and comic strips. Analytical, expository and creative writing will be used.

Literature and Film

College Prep 1554EN
Honors 1552EN

This is a full year course offered at the honors and college prep levels that develops students' reading, writing, critical thinking, and collaborative skills by examining both substantial works of literature and exemplary films. Students analyze the unique ways the art of cinema has been shaped by – and has shaped – our culture, and how it has developed into such a powerful narrative medium. Students also apply their understanding through the planning, creation, and presentation of short narrative films. (Full year elective grades 11-12)

Literature, Identity and Media

College Prep 1701EN
Honors 1702EN

This is a full year course that will closely examine the role of popular culture in the development of personal identity, and how media representations and literature shape our understanding of reality. This course is designed to develop student critical literacy and writing, to promote critical thinking, to challenge students' existing beliefs and to empower students with the tools needed to negotiate a complex global environment. In this course, students will examine the narrative structure and its representative symbols and messages encoded in film, television shows, the news, journalism, advertising, and contemporary and classical literature within historical context. Literature may include *The Handmaid's Tale*, by Margaret Atwood, *Fahrenheit 451*, by Ray Bradbury and/or *Brave New World* by Aldous Huxley. Emerging themes are objectivity and bias, perception and point of view, the role of journalism in society in print and media, the representation of race, gender and class in literature and the media, emerging ideologies in media messages, the impact of media and literature on social identity, and the impact of violence in media on society. Emphasis will be on teaching students how to manipulate language and to write with purpose and intent. This is a project based writing course that will employ a variety of authentic assessments including, but not limited to, the creation of docudramas, audiotapes, interviews, role-playing, debate, hyper-texts and zines. Students will be required to read and write critical commentaries and a cumulative theoretical paper. (Full year elective, grades 11-12)

Myth, Legend, and the Bible

1622EN

This course is designed for honors students curious about the development of humans' views of their place in the universe as seen in mythology and the various manifestations of these views in the Bible, in legend, in folk tales, and in contemporary film and literature. While myths are typically dismissed as fables or fiction, this class will approach them from the perspective that they are in fact "true stories" in the sense that they are sacred and meaningful to the culture that produced them. We will study the basic myths and mythological patterns from Paleolithic times to the present contemporary psychological and scientific insights into these patterns, and, in general, the different form man's spiritual quest has taken. Although highly abstract, this material will be studied through concrete historical examples, simple story [myth and fairy tale], and the various rituals of cultures around the world. As a result, students will have a better sense of themselves, of their place in the continuum of history, and of the way in which modern problems reflect ancient concerns. The Bible will be treated as literature rather than as revealed religious truth. While not intended to question anyone's faith or to influence anyone's thinking, this approach may make some students or parents uncomfortable. This is a full year elective for 12th grade students as well as 11th grade students who have been recommended and approved for honors level work by their instructors.

Non-Fiction Creative Writing I

College Prep 1762EN
Honors 1764EN

This is a semester long writing-intensive workshop course in the art of creative writing non-fiction prose. In a workshop setting, students will focus on diction, finding their own voice, and a variety of storytelling techniques. In addition, students will work on peer editing skills, meaningful feedback, and close reading. While students' writing is the main focus, students will also investigate the value of reading and analyzing non-fiction works. The course will involve creative writing projects centered on the student's own life, culminating in an autobiographical memoir portfolio project.

This second section of Non-Fiction Creative Writing involves a more advanced level of writing, using more creative techniques, exploring personal histories on a deeper level, and expanding the “types” of writing beyond stories into more creative, nontraditional fare (free form poetry, blogs, tangential exercises, train of consciousness, “ads” for ourselves, etc.). Personal essays, memoirs, and teacher-researched excerpts will supplement the creative process and help students to explore creative nonfiction on a deeper level. Students will create a final "Scrapbook Style" portfolio of their work to showcase their own memoir.

Philosophy and Literature**1582EN**

This course hopes to attract creative students and exceptional readers interested in the philosophical themes that illuminate literature. The course contains five comprehensive interdisciplinary units from which teachers and students can choose segments to explore throughout the semester. Each unit will involve students in the process of philosophical inquiry and literary analysis, yet need not be taught in any particular order. It may include: 1) Illusion and Reality; 2) Beauty; 3) Political Philosophy; 3) Free Will and Determinism; 5) Transcendentalism 6) Existentialism 7) Objectivism 8) Absurdism. Each unit will provide opportunities for students to explore excerpts from significant thematic philosophical texts from various genres and time periods ranging from the classical to the contemporary. This course is heavily discussion and project based, and culminates in a fourth semester project where the students will create their own "Life Philosophy" project. Honors credit. (Full year elective for grades 11-12)

Studies in Shakespeare I/II**1642EN**

The Shakespeare course is offered as a full year course to 11th and 12th grade students seeking honors credit in English. Where the chronology in which one studies the texts seems irrelevant, teachers will decide whether a thematic approach or organization by genre – comedies, histories and tragedies, for instance – will govern the structure of the course. What will be key is a thoughtful and careful textual reading of each work accompanied by background research as needed to deepen and broaden students’ understanding and appreciation. Where analysis will predominate, interpretation, writing and discussion that engages and challenges students’ thinking will help in elucidating textual readings. The course will require that students complete at least one impromptu essay a quarter and two papers, one expository and one creative if students choose. Student performance of scenes and viewing of significant productions of the plays will meet the needs of diverse learning styles. Honors credit. (Full year course for grades 11-12)

Young Adult Literature**1522EN**

This course is a 12th grade English elective in which students explore literature written specifically for the target audience of young adults. Utilizing skills and knowledge developed in prior grades, students will be expected to read, discuss, analyze and write about the literary works we will analyze as a class. Major titles include: *The Glass Castle*, *The Curious Incident of the Dog in the Night-Time*, *The Book Thief* and *Nineteen Minutes*. Students in YA Literature will also be engaged in a number of community and school projects designed to relate the literature to the needs of the Ridgewood community.

ESL PROGRAM

ENGLISH AS A SECOND LANGUAGE

The English as a Second Language (ESL) Program prepares students with limited English proficiency for full-time participation in the regular educational program. Its primary goal is to ensure that English Language Learners develop sufficient fluency in all areas of English to facilitate their active participation in all academic courses and school activities. The program, delivered through small group instruction by a certified ESL teacher, focuses on grade-level academic content and skills introduced through the use of materials appropriate to language proficiency levels. While developing their oral and written communication skills, students receive support in the mastery of curriculum content from their social studies, science, mathematics and other courses. Students' mainstream courses are planned on an individual basis in response to individual language needs and personal interests. Eligibility for the English as a Second Language Program is determined by scores on the WIDA-APT. Students' English proficiency and growth are monitored frequently using a variety of formal and informal assessments. Students will exit the program based on a variety of criteria including, but not limited to, teacher recommendation, State of NJ WIDA-ACCESS score, and grades in core content courses.

ESL – English as a Second Language

0104FL

This course provides newly arrived, non-English speaking students with a basic introduction to English. It offers intensive practice and support in the development of listening and speaking skills, vocabulary acquisition and reading comprehension. Students are “eased” into the American culture. ESL enables the student to become language proficient and achieve in mainstream classes. Enrollment in ESL classes may last six months to three years. English credit will be awarded upon successful completion of this course.

ESL – Advanced English as a Second Language

0104FL3

This course provides more advanced level second language learners with an introduction to high level writing instruction, including how to write academic, literary and persuasive essays and how to use more complex grammatical structures, such as advanced verb tenses. It offers intensive practice and support in the development of discussion and debating skills based on reading comprehension of more complex books and articles. Students listen to authentic audio materials and discuss current issues that relate to content areas. English credit will be awarded upon successful completion of this course.

High Intensity ESL

0104L2

This support course allows students extra time to complete their work for content area classes and to receive assistance from a certified ESL teacher. The teacher in this class interacts with content teachers to understand what is due and what is required for various assignments, then offers language support to complete the work that has been assigned. Students can complete tests and quizzes in addition to homework in High Intensity ESL and can receive assistance with the complex vocabulary and writing requirements, which are particularly challenging for second language learners.

FAMILY AND CONSUMER SCIENCE

COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES	PREREQUISITE
DEPARTMENT OF FAMILY AND CONSUMER SCIENCE							
7979HL	Child Development I	College Prep	Elective	Semester	2.5	9-12	None
7859HL	Consumerism	College Prep	Elective	Semester	2.5	9-12	None
7829HL	Introduction to Foods & Nutrition	College Prep	Elective	Semester	2.5	9-12	None
7959HL	Interior Design	College Prep	Elective	Semester	2.5	9-12	None
7839HL	Foods of the World	College Prep	Elective	Semester	2.5	9-12	Intro to Foods & Nutrition

Family and Consumer Science

These elective programs are available to students in grades 9 through 12. All course offerings are for one semester. The objectives of the Family and Consumer Sciences Program are to develop skills and increase knowledge in the ideas of food preparation and nutrition, interior design and related arts, and child development.

Child Development I

7979HL

This is a unit for students interested in working with children. Coursework includes the physical, social, emotional and intellectual development from the prenatal period to age six. When taken as a semester course, course work additionally includes such timely topics as the gifted child, child abuse, children's literature, children and television, children and divorce, and child-related careers. All students are responsible for planning and teaching lessons to three to five year old children in a weekly "preschool."

Consumerism

7859HL

Students will identify the difference between a small business and cottage industry. Each student will create market research for the development of a food business they choose. Students will select a food product to manufacture, serve, or sell and explore the opportunities in the small food business.

Introduction to Foods & Nutrition

7829HL

This unit is designed for students interested in learning basic food preparation techniques. Emphasis is placed on proper nutrition to promote wellness. Laboratory experiences include principles of baking (breads, pastry, cakes, cookies), vegetable and fruit cookery, cooking with grains and dairy products, and economical preparation of meat and poultry dishes. The semester course incorporates meal planning and foreign foods. Throughout the course, students will learn the role of nutrients and the importance of establishing a high carbohydrate, low fat eating regiment.

Interior Design

7959HL

This unit focuses on the elements and principles of design. Topics include the use of color and color schemes, wall and floor coverings, window treatments, and furniture and architectural styles. Individual projects are emphasized and include wallpaper design, color palates, floor plans and home design. The course helps students to set up goals for their own homes, which they will eventually establish.

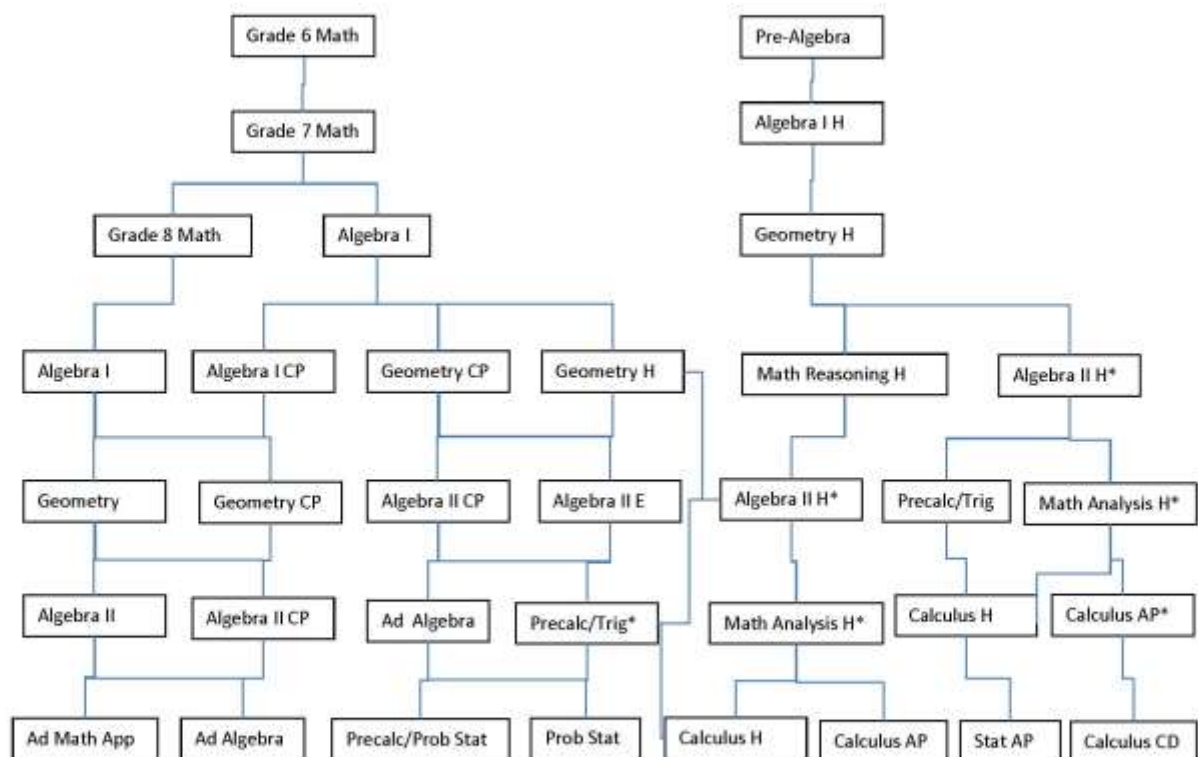
Foods of the World

7839HL

This is a unit assigned for students interested in studying the eating habits of various countries. Students will learn about the countries culture, resources, geography, and food habits. Typical dishes of the country are prepared. Advanced cooking techniques will be learned. Emphasis will be placed on each country's diet and their overall health as a nation. Prerequisite: Successful completion of Introduction to Foods and Nutrition.

MATHEMATICS/COMPUTER SCIENCE

COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES	PREREQUISITE
DEPARTMENT OF MATHEMATICS/COMPUTERS							
MATHEMATICS							
3134MT	Algebra I CP	College Prep		Full Year	5.0	9	Pre-Algebra
3124GN	Algebra I	College Prep		Full Year	5.0	9	Teacher Rec
3100MT	Math Enrichment	College Prep		Semester	2.5	9	Teacher Rec
3334MT	Algebra II CP	College Prep		Full Year	5.0	9-12	Algebra I & Geometry
3334GN	Algebra II	College Prep		Full Year	5.0	11-12	Algebra I & Geometry or General Geometry, Teacher Rec
3333MT	Algebra II E	College Prep		Full Year	5.0	9-10	Teacher Rec
3302MT	Algebra II Honors	Honors		Full Year	5.0	9-10	Algebra I & Geometry Honors, Teacher Rec
3132MT	Math Reasoning	Honors		Full Year	5.0	9	Geometry
3414MT	Advanced Algebra/Trigonometry	College Prep	Elective	Full Year	5.0	10-12	Algebra II, Teacher Rec
3622MT	Calculus Honors	Honors	Elective	Full Year	5.0	11-12	Trigonometry/Pre-Calculus
3620MT	Calculus AB AP	AP	Elective	Full Year	5.0	11-12	Math Analysis, Teacher Rec
3630MT	Calculus C/D	AP	Elective	Full Year	5.0	12	Calculus AB, Teacher Rec
3234MT	Geometry CP	College Prep		Full Year	5.0	9-10	Algebra I, Teacher Rec
3234GN	Geometry	College Prep		Full Year	5.0	10-11	Algebra I, Teacher Rec
3202MT	Geometry Honors	Honors		Full Year	5.0	9-12	Algebra I, Teacher Rec
3422MT	Math Analysis	Honors		Full Year	5.0	10-11	Algebra II Honors, Geometry Honors, Teacher Rec
3534MT	Trigonometry w/Pre-Calculus	College Prep	Elective	Full Year	5.0	10-12	Algebra II, Teacher Rec
3634MT	Probability & Statistics – Project Based	College Prep	Elective	Full Year	5.0	12	Advanced Algebra or Trigonometry/Pre-Calculus, Teacher Rec
3524MT	Probability & Statistics with Pre-Calculus	College Prep	Elective	Full Year	5.0	11-12	Advanced Algebra, Teacher Rec
3530MT	Statistics AP	AP	Elective	Full Year	5.0	11-12	Algebra II Honors or higher and Teacher Recommendation; Concurrently enrolled in English Honors
3474MT	Advanced Mathematics Applications	College Prep	Elective	Full Year	5.0	12	Algebra I, II & Geometry, Teacher Rec
COMPUTER SCIENCE							
3801MT	Advanced Topics in Computer Science	Honors	Elective	Full Year	5.0	11-12	Computer Science AP or Principles of Computer Science AP; Teacher Rec
3800MT	Computer Science AP	AP	Elective	Full Year	5.0	10-12	Programming in Java or Principles of Computer Science AP; teacher rec
3810MT	Principles of Computer Science AP	AP	Elective	Full Year	5.0	10-12	Geometry CP
3862MT	Mobile App Development	College Prep	Elective	Semester	2.5	9-12	Algebra I & Web Design
3871MT	Programming in Python	Honors	Elective	Semester	2.5	9-12	Geometry
3872MT	Programming in Java	Honors	Elective	Semester	2.5	9-12	Programming in Python, Teacher Rec
3861MT	Web Design & Programming	College Prep	Elective	Semester	2.5	9-12	None



AP Stat can be taken as an elective after any course indicated with an *

Mathematics

The Mathematics program in grades 9 through 12 is designed to provide a strong foundation in mathematics for all students. Students are given the opportunity to develop skills required in college mathematics, and those with advanced mathematical ability and foundations, may take an accelerated program leading to advanced placement courses.

Courses provide opportunities for success that encourage all students to develop a positive attitude about mathematics by engaging them in exploring and solving interesting mathematical problems, using mathematics in meaningful ways, by focusing on concepts and understanding, as well as on procedures, and by consistently expecting students to go beyond repetition and memorization of content standards to problem solving and understanding.

The Mathematics Department provides students with assistance on homework assignments and with help for work missed because of an absence. These services are available after school from teachers in their assigned rooms.

Algebra I CP

3134MT

This course is offered to give students the opportunity to understand the basic structures of algebra and to communicate mathematical ideas, using mathematical vocabulary, notation, and structure to represent ideas, describe relationships, and model situations. Students will be expected to use the language of mathematics with precision. In addition, they will acquire facility in applying algebraic concepts and skills through multiple representations (i.e. graphical, numerical, and analytical). Graphing calculators and real-life applications are used throughout the course. The course is based on the conviction that a student learns mathematics by doing mathematics. Prerequisite: Pre-Algebra, Algebra 8, Math 8. This course prepares students for Geometry or Geometry CP (based upon teacher recommendation). Full year course.

Algebra I

3124GN

This course is offered to give students the opportunity to understand the basic structures of algebra. Students will be introduced to, and become comfortable with communicating mathematical ideas using mathematical vocabulary, notion notation, and structure to represent ideas, describe relationships, and model situations. Students will be introduced to the language of mathematics. Students will be able to apply basic algebraic concepts and skills. Graphing calculators and real-life applications are used throughout the course. The course is based on the conviction that a student learns mathematics by doing mathematics. Prerequisite: Algebra IA, Algebra 8, or Pre-Algebra, Math 8, Teacher recommendation. This course prepares students for Geometry CP or Geometry (based upon teacher recommendation). Full year course

Math Enrichment

3100MT

This course will be an additional opportunity for students in Algebra I to receive assistance by a certified math teacher. (Placement criteria: teacher recommendation.)

Algebra II CP

3334MT

This course is offered to students who have successfully completed Algebra I and Geometry. A higher level of maturity is required in extending work done in Algebra I. Graphing calculators are used for analysis, visual study and interpretation. Algebraic techniques are emphasized together with applications, transformations and analysis. The number system is extended to include irrational and complex numbers. Equation solving techniques are extended to include systems of equations, and quadratic equations with irrational and complex roots. Radical, logarithmic, polynomial and exponential functions are also graphed and analyzed. Students learn both algebraic and calculator methods for solving problems. Students formalize the approach to Arithmetic and geometric series and sequences. Prerequisite: Algebra I and Geometry. Full year course. This course prepares students for Advanced Algebra with Trigonometry.

Algebra II

3374GN

This course is offered for new credit to students who have successfully completed Algebra I and Geometry. In addition to extending work done in Algebra I, manipulation and graphing calculator skills are emphasized. Students are encouraged to consider structure, applications, and visual representations. Students are introduced to function notation. Equation solving techniques are extended to include systems of equations and quadratic equations with irrational and complex roots. Radical functions are solved. Graphing techniques are extended to the two dimensional plane to include non-linear relations and the number system is extended to include irrational and complex numbers. Successful completion of this course will be based on

multiple indicators. Prerequisites: Algebra I CP and Geometry CP. (Full year course) This course prepares students for Advanced Math Applications.

Algebra II E**3333MT**

This is an college prep level intermediate algebra course offered to students who have demonstrated superior ability in Geometry and Algebra I. Topics studied in the regular Algebra II curriculum will be extended and explored in greater depth, including graphing functions, solving equations (complex number solutions, polynomial, exponential/logarithmic, radical, and rational), and an introduction to trigonometry and statistics. Students will use the recommended graphing calculator throughout this course for investigating these concepts, both graphically and algebraically. Successful completion of this course will be based on multiple indicators. Prerequisite: Algebra I, Geometry, and Teacher recommendation. (Full year course) This course prepares students for Trigonometry w/Pre-Calculus.

Math Reasoning**3132MT**

This honors course is for 9th grade students who have completed Geometry in 8th grade. This course will reinforce and expand on the following list of topics: Rational Expressions, Exponents, Functions, Literal Equations, Quadratics, Matrices, System of Linear Equations, and Trigonometry. The extensive use of a graphing calculator by the students will be a requirement for this course. This course will prepare these students for Algebra II Honors.

Algebra II Honors**3302MT**

This is an honors level intermediate algebra course offered to students who have demonstrated superior ability in Geometry Honors and Algebra I. Topics studied in the regular Algebra II curriculum will be extended and explored in greater depth. In addition, the following topics are introduced: rational and logistic growth functions, probability and basic combinatorics. This course prepares students for Math Analysis.

Advanced Algebra/Trigonometry**3414MT**

This course is offered to prepare students for further work in mathematics and related fields of study. Included in this course are permutations, combinations, the binomial theorem and probability, statistics, the properties and graphs of the conic sections, matrices and matrix operations and linear programming. Students will also be introduced to trigonometric functions, their graphs and students will use these functions in solving problems involving angles and triangles. Algebraic and geometric skills are enhanced by applications of trigonometric techniques to numeric and geometric exercises.

Calculators are used when appropriate. Prerequisites: Successful completion of Algebra II. (Full year course) This course prepares students for the following courses: 1) Probability and Statistics – Problem Based and 2) Probability and Statistics with Pre-Calculus

Calculus Honors**3622MT**

This honors course will apply derivatives and the indefinite and definite integrals and are investigated with an emphasis on science and business applications. The four major concepts to be mastered in this course are limits, derivatives, definite integrals and indefinite integrals. Students will use algebraic methods for differentiation and integration, numerical and graphical procedures will be investigated on functions they have encountered in the course preceding calculus. Use of a graphing calculator is expected. Prerequisite: C or higher in Pre-Calculus and Teacher Recommendation. (Full year course)

Calculus AB AP**3620MT**

This is an advanced placement course offered to students who have demonstrated a thorough knowledge of college preparatory mathematics, including algebra, axiomatic geometry, trigonometry and analytic geometry (rectangular and polar coordinates, equations and graphs, lines and conics). The properties of algebraic, trigonometric, exponential, logarithmic and piecewise-defined functions are studied. These functions plus limits and continuity are studied and applied to the differential and integral calculus. Applications of the derivative plus the indefinite and definite integrals are investigated numerically, algebraically and graphically. Use of a graphing calculator is expected. Prerequisite: C or higher in Math Analysis and Teacher Recommendation. (Full year course) This course prepares students for Calculus CD.

Calculus C/D**3630MT**

This is an honors course with AP weighting offered to those students who have successfully completed Calculus AB AP. The topics in AB will be studied in greater depth. Integration techniques, parametrically defined functions, polar curves, and sequences and series will be analyzed. Elementary differential equations will be investigated using Slope Fields, Euler's Method, and solutions to differential equations. Other topics studied include: vectors and solid analytic geometry, vector-valued functions, partial differentiation, multiple integrals, alternate coordinate systems, and an introduction to vector calculus, including curl, divergence, and line integrals. Students who successfully complete Calculus CD will be prepared for the Calculus BC AP exam. Prerequisite: Successful completion of Calculus AB AP with a B or better, Teacher Recommendation. (Full year course)

Geometry CP**3234MT**

This course is offered to students who have successfully completed Algebra I. The formal study of the principles of logic forms the basis for the deductive development of geometry as a mathematical system. Plane and spatial relationships, intuitively studied in earlier grades, are developed as part of a mathematical system. This is accomplished by the application of logic and deductive reasoning to undefined terms, defined terms, postulates and previously proven theorems. The basic rules of logic for conditional statements are also studied. The core of the geometry program is the traditional Euclidean plane geometry enriched by the addition of space geometry, transformational geometry, and coordinate geometry. Algebraic skills are further developed by the application of geometric principles to the solution of numerical exercises. Problem solving is emphasized. Exploratory hands-on activities are often used, including exposure to explorations of geometric concepts using the computer. Prerequisite: Algebra I. (Full year course) This course prepares students for Algebra II or Honors Algebra II based on teacher recommendation.

Geometry**3234GN**

Students master the concepts of traditional Euclidean plane geometry enriched by space geometry. Arithmetic and algebraic skills are further developed by the application of geometric principles to the solution of numerical exercises. Methods of coordinate geometry are used to demonstrate geometric applications. While proof is not emphasized, different methods are used to demonstrate theorems. Students are also acquainted with both deductive and inductive reasoning. Prerequisite: Algebra I and teacher recommendation. (Full year course) This course prepares students for Algebra II CP or Algebra II based on teacher recommendation.

Geometry Honors**3202MT**

This course is offered to students who have demonstrated superior ability in mastering the concepts of Algebra I. The core of the Geometry Honors course is traditional Euclidean plane geometry enriched by the addition of space geometry. Plane and spatial relationships studied in earlier grades are further developed as part of a mathematical system, including polygons and circles. This is accomplished through the application of inductive and deductive reasoning to undefined terms, postulates and previously proven theorems. Two column proofs are emphasized throughout each concept explored. Algebraic skills are further developed by their application within the context of geometry. Prerequisite: Algebra I and Teacher Recommendation. (Full year course) This course prepares students for Algebra II Honors.

Math Analysis**3422MT**

This honors level course is offered to students who have demonstrated superior ability in mastering the concepts of Geometry Honors, and Algebra II Honors. The purpose of the course is to review, extend and summarize the important concepts from previous courses and to provide the essential background for the study of calculus. Math Analysis provides a rigorous development of functions, their properties and their inverses. Circular, trigonometric, logarithmic, exponential, polynomial, and algebraic functions are presented in depth. Conic sections are introduced. Students are introduced to the differential calculus of polynomial functions. Prerequisites: C or higher in Honors Algebra II, Geometry Honors Teacher recommendation. (Full year course grades 10-11)

Trigonometry w/Pre-Calculus**3534MT**

This course will introduce students to the circular and trigonometric functions and their graphs, to have students use these functions in solving problems involving angles and triangles. Applications to the physical sciences are also demonstrated. Algebraic and geometric skills are enhanced by applications of trigonometric techniques to numeric and geometric exercises. The emphasis of this course is on practical applications of these topics.

Concepts from previous courses provide the essential background for the study of calculus. The properties of relations and functions will be covered in depth. Topics will include: complex numbers, graphs of polynomials, polynomial linear and absolute value inequalities, exponential functions, logarithmic functions, parametric equations, sequences, series, limits, slope of a curve, and derivatives of polynomial functions. Series and sequences will be used to develop the concept of limits. Limits and polynomials will be used to introduce the student to differential calculus. Use of graphing calculators is expected. Prerequisite: B or higher in Algebra II E, Teacher Recommendation. (Full year course grades 10-12)

Probability & Statistics – Project Based**3534MT**

Probability & Statistics – Project Based, is a full year course for seniors. The content includes probability concepts, emphasizing the probability theory needed for statistical analysis, and understanding probability distributions. The statistics content includes the full scope of statistics: producing data, analyzing data, and making inferences. Additionally, by applying statistical methods to clearly defined project problems, students will work in groups to implement changes and measure improvements using statistical methods.

In addition to addressing the statistics and probability NJCCC standards, students will develop leadership, teamwork, and citizenship skills through the project-based approach. Prerequisite: B- or higher in Advanced Algebra or Trigonometry/ Pre-Calculus, Teacher Recommendation. (Full year course grade 12)

Probability & Statistics with Pre-Calculus**3524MT**

Probability & Statistics with Pre-calculus will extend important concepts from previous courses and provide the essential background for the study of calculus. Topics will include: complex numbers, graphs of polynomials, polynomial, linear and absolute value inequalities, exponential functions, logarithmic functions, parametric equations, sequences, series, limits, slope of a curve and derivatives of polynomial functions. Series and sequences will be used to develop the concept of limits. Limits and polynomials will be used to introduce the student to differential calculus.

Probability and Statistics includes: producing and processing data using a well-designed plan, analyzing data and creating mathematical models to fit the investigation. The central idea of a sampling distribution and the language of probability are presented. The reasoning of statistical inference guides the selection of appropriate models. Use of graphing calculator is expected. Prerequisite: above average ability in Advanced Algebra, Teacher Recommendation. (Full year course grades 11-12)

Statistics AP**3530MT**

This is a full year advanced placement course offered to mathematically able students who have completed the prerequisites listed below. The purpose of the course is to introduce students to major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploratory analysis, planning a study, anticipating patterns in advance, and statistical inference. Extensive reading and writing are required in this course. Prerequisite: Completion of Algebra II Honors, Pre-Calculus or higher; Senior enrolled in Pre-Calculus; Teacher Recommendation. (Full year elective grades 11-12)

Advanced Mathematics Applications**3474MT**

This course is intended for seniors who are looking for an interesting and practical fourth year high school math course but for whom the current college prep course is not available.

The course would comprise a series of units of discrete math and practical math applications. Topics include combinatorics, conditional probability, expected value, linear programming, inferential statistics and triangular trigonometry. The objective for the course is to introduce students to additional interesting and practical math topics, promote clear and precise thinking, and better prepare the student for the future through math content and technology. Prerequisite: Algebra I, II, Geometry, Teacher Recommendation. (Full year elective grade 12)

Computer Science

The vast majority of careers in the 21st century will require an understanding of computer science. Many jobs that today's students will have in 10 to 20 years haven't been invented yet. Professionals in every discipline – from art and entertainment, to communications and health care, to factory workers, small business owners and retail store staff – need to understand computing to be globally competitive in their fields.

Ridgewood High School's computer science courses are offered to students in all grade levels.

In addition to teaching the programming concepts, computer science courses provide a great opportunity to develop logic and analytical skills. Critical thinking strategies will be developed as students apply these concepts to solve thought-provoking real world problems in the fields of business, science and mathematics. All courses are taught in a computer laboratory. Students will spend a significant amount of time using a school or home computer to work on required assignments for these courses.

Advanced Topics in Computer Science

3801MT

This course will cover a broad array of research topics in computer systems and to engage students in systems research. The topics selected for the program will be reviewed and updated on an annual basis to stay relevant with changing technologies. At the end of the course, students will be able to explain and develop computer applications using languages and technologies aligned with topics explored such as: Data Structures, Database Design and Development, Programming in C++, and Building Graphical User Interfaces (GUIs). Other topics will include: CyberSecurity, Robotics, Python and Scripting Languages (i.e. Perl). Project based assessments will be used. The projects may take the form of research papers, presentations, and/or working computer applications or databases. Prerequisite: Computer Science AP or Principles of Computer Science AP, Teacher Recommendation. (Full year honors course grades 11-12)

Computer Science AP

3800MT

This course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development. Students will design and implement adaptable, and when appropriate, reusable, computer-based solutions to problems in a variety of application areas in Java. Students will implement and develop commonly used algorithms and data structures to solve problems.

The goals of the AP Computer Science course are comparable to those in the introductory courses for computer science majors offered in college Computer Science departments. It is not expected however, that all students in an AP Computer Science course will major in computer science when attending college. Prerequisite: Programming in Java or Principles of Computer Science AP, Teacher Recommendation. (Full year AP course grades 10-12)

Principles of Computer Science AP

3810MT

This Advanced Placement, full-year course is intended for students in grades 10-12. This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and careers. Prerequisite: Geometry CP (Full year AP course grades 10-12)

Mobile App Development

3862MT

The project-oriented second semester course emphasizes the creative aspects of computing by examining the principles of mobile application design and development in order to solve real world problems. Topics will include user interface design, user interface building, input methods, programming, and data handling. Students will understand examples of abstraction used in modeling the world and that programming enables problem solving, human expression, and creation of knowledge. Coursework will include unique project conception, design, implementation, and pilot testing of personalized mobile phone software applications. Prerequisite: successful completion of Algebra I and Web Design.

Programming in Python

3871MT

This project based course is an introduction to computer programming using the Python programming language. This course covers basic programming concepts such as variables, data types, iteration, flow of control, input/output, and functions. Students will look at various general programming ideas, such as the application development life cycle, algorithm design, modularity, and debugging. Prerequisite: successful completion of Geometry.

Programming in Java**3872MT**

This course builds upon the foundation of structured programming learned in Intro to Programming in Visual Basic; it is designed to introduce students to programming using a well-structured, high-level computer language, Java. The student is introduced to the concepts of object oriented programming, Java syntax, classes, searching algorithms, and sorting algorithms. Students analyze case studies that illustrate real world problems and develop programs that solve those problems. Prerequisite: Programming in Python, Teacher Recommendation. (Semester honors course grades 9-12)

Web Design & Programming**3861MT**

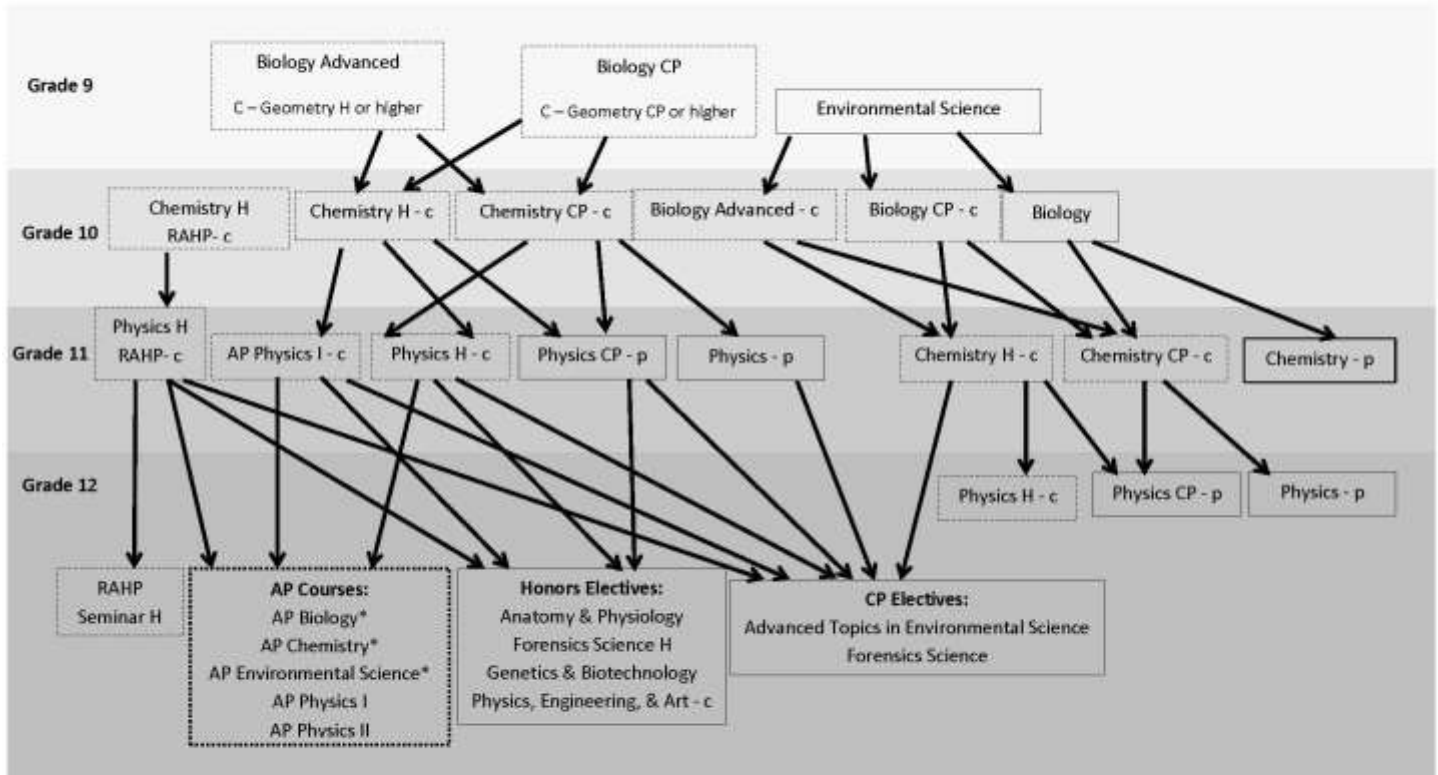
This is an elective course that introduces students to the creative nature of developing a unique website. This course will provide students with an overview of the technology that drives the Web and the evolution of the current web development standards. Students will be taught HTML and Cascading Style Sheets for authoring their own individual web pages. The evolution of XHTML and the differences between HTML and XHTML will be explored. Basic Java Script will be used. Prerequisite: Algebra I (Semester course grades 9-12)

SCIENCE

COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES	PREREQUISITE
SCIENCE DEPARTMENT							
4204SC	Biology CP	College Prep		Full Year	6.0	9	Teachers recommends concurrent enrollment: regular or higher Geometry CP; teacher rec
4204GN	Biology	College Prep		Full Year	6.0	10	Teacher rec
4254SC	Biology Advanced	College Prep		Full Year	6.0	9	Teacher recommends concurrent enrollment in Geometry Honors or higher; teacher rec
4232SC	Anatomy and Physiology	Honors	Elective	Full Year	6.0	12	Teacher recommends Biology, Chemistry, Physics; teacher rec
4220SC	Biology AP	AP		Full Year	6.0	12	Teacher recommends Biology Honors, Chemistry Honors, Physics Honors, completion of the summer assignment; teacher rec
4714SC	Environmental Science	College Prep		Full Year	6.0	9	Teacher rec
4710SC	Environmental Science AP	AP		Full Year	6.0	12	Teacher recommends concurrent enrollment in Physics Honors or higher, completion of summer assignment; teacher rec
4404GN	Chemistry	College Prep		Full Year	6.0	10-11	Teacher recommends Biology, Geometry
4404SC	Chemistry CP	College Prep		Full Year	6.0	10	Teacher recommends Biology, concurrent enrollment in Algebra II or higher
4402SC	Chemistry Honors	Honors		Full Year	6.0	10	Teacher recommends Biology, concurrent enrollment Algebra II E or higher; teacher rec
4420SC	Chemistry AP	AP	Elective	Full Year	6.0	12	Teacher recommends Biology, Chemistry Honors, Physics Honors or higher, completion of summer assignment; teacher rec.
4712SC	Advanced Topics in Environmental Science	College Prep	Elective	Full Year	6.0	12	Teacher recommends Biology, Chemistry; teacher rec
4722SC	Forensic Science CP	College Prep	Elective	Full Year	6.0	12	Teacher recommends one of the following three-year sequences: Environmental Science, Biology, Chemistry, or Biophysical Science, Biology, Chemistry, or Biology, Chemistry, Physics; teacher rec
4724SC	Forensic Science Honors	Honors	Elective	Full Year	6.0	12	Teacher recommends Biology, Chemistry CP or higher, Physics CP or higher; teacher rec
4242SC	Genetics & Biotechnology Honors	Honors	Elective	Full Long	6.0	12	Teacher recommends Environmental Science, Biology, Chemistry; teacher rec
4314GN	Physics	College Prep		Full Year	6.0	11-12	Teacher recommends Biology, Chemistry, Algebra II
4314SC	Physics CP	College Prep		Full Year	6.0	11	Teacher recommends Biology, Chemistry CP, Algebra II CP or higher
4312SC	Physics Honors	Honors		Full Year	6.0	11	Teacher recommends Biology, Chemistry Honors, recommended concurrent enrollment in Pre-Calculus Honors; teacher rec
4330SC	Physics I AP	AP		Full Year	6.0	11	Teacher recommends Biology, Chemistry Honors, and enrolled in Math Analysis or higher; teacher rec; placement test
4340SC	Physics II AP	AP		Full Year	6.0	12	Teacher recommends AP Physics I or Physics Honors; teacher rec
4344SC	Physics, Engineering, & Art	Honors	Elective	Full Year	6.0	12	Teacher recommends Biology, Chemistry, Physics CP, concurrent enrollment in Pre-Calculus Honors; teacher rec

Course Code	Course Title	Course Weight	Elective	Term Duration	Credit	Open to Grades	Prerequisite
SCIENCE DEPARTMENT							
Ridgewood Academy for Health Professions (RAHP)						10-12	
4392SC	Chemistry RAHP	Honors		Full Year	6.0	10	Teacher recommends Biology, concurrent enrollment in Algebra II E or higher; teacher rec; acceptance into the RAHP program
4302SC	Physics RAHP	Honors		Full Year	6.0	11	Teacher recommends Biology, Chemistry Honors, concurrent enrollment in Pre-Calculus Honors; teacher rec; acceptance in the RAHP program
4492SC	RAHP Seminar	Honors		Full Year	3.0	12	Chemistry RAHP, Physics RAHP
4301SC	RAHP Internship	Honors		Full Year	3.0	11	Concurrent enrollment Physics RAHP
Career Pathways in Medicine Program (CPM)							
4304SC	Ridgewood Career Pathways in Medicine Program I (CPM Program)	College Prep		Full Year	3.0	10-11	Application process; current enrollment in Biology CP or Biology 10 or Env Science; concurrently enrolled in Geometry CP or Algebra I; academic GPA 2.5+; teacher rec

Science Course Flow Chart



Science

To acquaint students with important scientific concepts and inquiry skills, the high school science program emphasizes the big ideas in Environmental Science, Biology, Chemistry and Physics, as well as the connections between these key subject areas. (To this end, the science program requires that all students enroll in Biology, Chemistry and Physics in their freshman, sophomore and junior years respectively.)

Selection to honors courses is determined on an individualized basis using multiple indicators to ensure success for future study in science. These indicators include the teacher's assessment of the student's mathematical reasoning and problem solving skills in science, day-to-day classroom performance and grades.

Environmental Science

4714SC

This 9th grade science course will be organized around the understandings of physical, life, and Earth science from an environmental perspective. Students will develop an understanding of a range of environmental issues, as well as the importance of social and civic responsibility. This course will explore the balances between ecosystems, pollution, and the responsible use of resources on a global and local area. Prerequisite: teacher recommendation.

Biology CP

4204SC

This is a ninth grade college prep course, which investigates the underlying principles of life science. Laboratory work is stressed with an emphasis on student initiated and designed experimentation to investigate, test hypotheses and develop concepts. Areas of study include the skills and techniques of biology, heredity and DNA, organisms through time, human biology, ecology, and bacteriology and viruses. Prerequisite: concurrent enrollment in Geometry CP or higher with a teacher recommendation.

Biology

4204GN

This is a tenth grade college prep course, which investigates the underlying principles of life science. Laboratory work is stressed with an emphasis on student initiated and designed experimentation to investigate, test hypotheses and develop concepts. Areas of study include the skills and techniques of biology, heredity and DNA, organisms through time, human biology, ecology, and bacteriology and viruses.

Biology Advanced

4254SC

This is an accelerated 9th grade college prep course, which investigates the underlying principles of life science. Laboratory work is stressed with an emphasis on student initiated and designed experimentation to investigate, test hypotheses, and develop concepts. Areas of study include the skills and techniques of biology, cellular biology, DNA and genetics, organisms through time, and ecology. Prerequisites: concurrent enrollment in Geometry Honors or higher, and teacher recommendation.

Anatomy and Physiology

4232SC

This is a full year honors elective for grade 12 students that deals mainly with the human body and its related functions. To understand the human body, it is necessary to understand how its parts are put together and how they work in conjunction with one another. The course will begin with a review of the cell, the levels of organization (from cell to organism), anatomical terminology, an overview of the ten body systems, and a brief look into tissue systems and organization. After this foundation has been laid, the following individual systems will be looked at in more detail: (1) Body Covering and Framework (2) the Muscular System and Kinesiology, (3) the Nervous System (4) the Endocrine and Cardiovascular Systems, (5) the Digestive and Renal Systems and (6) the Reproductive System. Prerequisite: Biology, Chemistry, Physics, and Teacher Recommendation.

Biology AP

4220SC

This is a second year of Biology taught at the college level. Areas of study include the diversity and organization of life, metabolism and biochemistry, responsiveness and behavior, reproduction and heredity, evolution and ecology. The course is laboratory-oriented with emphasis on the relationship between structure and function, microbiology, and the use of the scientific method. There is provision for individual research work. This is a 12th grade elective designed to prepare students

to pass the Advanced Placement Exam in Biology. Prerequisite: Biology Honors, Chemistry Honors and concurrent enrollment in Physics Honors, Teacher Recommendation, and completion of the summer assignment.

Chemistry CP**4404SC**

This is the standard 10th grade science course. It is a study of the composition of substances and the changes they undergo. The course is designed to give the student an understanding of the fundamental principles of inorganic chemistry through the development of chemical laws and theories, giving the student a logical interpretation of chemical phenomena. Emphasis is placed upon the relationship of atomic structure and bonding to the physical and chemical properties of substances. Prerequisite: Biology, concurrent enrollment in Algebra II CP or higher.

Chemistry**4404GN**

This course is designed for 10th and 11th grade students and combines general chemistry principles with real world applications. Emphasis is placed on the Periodic Table as a tool, atomic structure, properties of matter, chemical bonding and reactions. This is a college preparatory lab course. Prerequisites: Biology, Algebra I Co-requisite: Geometry or higher.

Chemistry Honors**4402SC**

This is a course for 10th graders that comprises a study of the composition of substances and the changes they undergo. The course is designed to give the student an understanding of the fundamental principles of inorganic chemistry through the development of chemical laws and theories. Emphasis is placed upon the relationship of atomic structure and bonding to the physical and chemical properties of substances. Topics include stoichiometry, chemical reactions, atomic orbitals and the gas laws. The mathematical foundation of modern chemical theory is emphasized. Prerequisite: Biology and concurrent enrollment in Algebra II E, Teacher Recommendation.

Chemistry AP**4420SC**

This is a 12th grade elective designed to be the equivalent of the General Chemistry course usually taken during the first year of college. This course differs qualitatively from the first year of chemistry with respect to the topics covered, the emphasis on chemical calculations, the mathematical formulation of principles and the nature of lab work assigned. Prerequisite: successful completion of Biology, Chemistry Honors, concurrent enrollment in Physics Honors or higher, completion of the summer assignment, Teacher Recommendation.

Advanced Topics in Environmental Science**4712SC**

This is an inquiry-based, full year lab elective for 12th grade students. Fieldwork and lab work will be emphasized. Issues of social and civic responsibility will be stressed. This course will explore the balances between ecosystems, pollution, and the responsible use of resources. Students will explore the social and scientific aspects of global environmental issues, with particular emphasis on air pollution, water pollution, and energy resources in the northern New Jersey area. Prerequisite: successful completion Biology, Chemistry, Teacher Recommendation. (Full year elective for grade 12)

Environmental Science AP**4710SC**

The goal of the Environmental Science AP course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze both natural and human-made environmental problems, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. This is a 12th grade elective designed to prepare students to pass the Advanced Placement Exam in Environmental Science. Prerequisite: Biology, Chemistry Honors and concurrent enrollment in Physics Honors, and Teacher Recommendation.

Forensic Science CP**4722SC**

This course provides an introduction to understanding the science behind crime detection and analysis. The course emphasizes the techniques used in evaluating physical evidence and laboratory techniques currently employed in forensic investigation. Topics included are: blood analysis, microscopic investigation, hair analysis, DNA, drug chemistry, and toxicology, fiber comparisons, glass compositions and fragmentation, and fingerprints.

This course is articulated with Syracuse University and students can receive 4 college credits if desired. Prerequisite: successful completion of one of the following three-year sequences: Environmental Science, Biology, Chemistry, or Biophysical Science, Biology, Chemistry, or Biology, Chemistry, Physics, and Teacher Recommendation. (Full year elective for 12th grade)

Forensic Science Honors**4724SC**

Science is a way of thinking about investigating the world in which we live, not merely a collection of facts and theories. The goal of science education is to provide students with well-conceived opportunities to investigate the natural world and to use those explanations to make useful predictions.

Forensic Science is focused on the application of scientific methods and techniques to crime and law. Recent advancements in scientific methods and principles have had an enormous impact upon law enforcement and the entire criminal justice system. This course is intended to provide an introduction to integrate and apply their knowledge of biology, chemistry and physics to crime detection. Prerequisites: Biology, Chemistry CP or higher, Physics CP or higher

Genetics & Biotechnology Honors**4242SC**

Genetics and Biotechnology Honors is an inquiry-based, full year lab course. It is designed as an upper level honors science elective. This course stresses the physical and chemical properties of chromosomes, gene control of cell activity, and typical patterns of monohybrid and dihybrid inheritance. Modern applications of genetic knowledge are discussed as well as relationships between genetics and evolution. Laboratory techniques in Biotechnology will be applied to solve genetically-based problems. Additionally, social implications of discoveries in recombinant DNA, cloning, prenatal diagnosis, and genetic screening for diseases are all examined. Prerequisite: Biology, Chemistry, Teacher Recommendation. (Full year elective for 12th grade)

Physics CP**4314SC**

This is the standard 11th grade science course. It covers the topics of mechanics, energy, optics, electricity and magnetism. Although Physics (Regular) is a math-based course, it will stress the conceptual understanding of topics with a hands-on approach to learning. Labs will include open-ended investigations that encourage students to build models, formulate hypothesis and discuss results. Prerequisite: Biology CP, Chemistry CP, Algebra II CP or higher.

Physics**4314GN**

This is designed as an 11th grade physics course that combines general principles of physics and their applications with an emphasis on technology. The course will take a thematic approach to physics highlighting such topics as energy sources and uses, transportation, electricity at work and information technology. Prerequisite: Biology, Chemistry and Algebra II.

Physics Honors**4312SC**

This is an honors level physics course for 11th graders that covers the same topics as Physics (Regular) but will stress a deeper mathematical approach to concepts and problem solving. Additional topics such as induction, alternating currents, semiconductors, laser and transistors will be introduced. Labs will include open-ended investigations on the above topics. Prerequisites: Biology, Chemistry Honors, concurrent enrollment in Pre-Calculus Honors or higher, Teacher Recommendation.

Physics I AP**4330SC**

This is an 11th grade AP physics course; entry to the course will be through a placement test and the student must be co-enrolled in Math Analysis or higher. The course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Prerequisites: Biology CP, Chemistry Honors, concurrent enrollment in Math Analysis or higher, Teacher Recommendation, and successful competition of the placement exam.

Physics II AP**4340SC**

This is the second year of AP Physics for 12th grade students. This course is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Entry into AP Physics II will require successful completion of AP Physics I or Honors Physics with teacher recommendation and completion of a summer assignment.

Physics, Engineering, & Art**4344SC**

Physics, Engineering, & Art Honors is a full year science course designed to explore the similarities and differences between the view of nature produced through the lens of physics and that communicated through the visual and performing arts. In the process, it will investigate and compare the scientific and the artistic descriptions of such phenomena as equilibrium, resonance, the electromagnetic spectrum, and relativity. It will rely on the essential understandings developed during the first year of physics and will expand upon them and develop new essential understandings in the areas of mechanics, wave motion, light, and modern physics. Prerequisite: Biology, Chemistry, Physics CP, and pre or co-enrollment in Pre-Calculus Honors and a Teacher Recommendation. This is an Honors Level class (Regular level students may participate with teachers approval).

Ridgewood Academy for Health Professions (RAHP)

This is a three year program developed in partnership with The Valley Hospital and Bergen Community College. It is designed for students who are interested in integrating their honors level academic courses with experiences and content in the healthcare setting. Admission to the program is by application and selection by the RAHP committee. In tenth grade, students will explore the many departments within the operation of The Valley Hospital through field trips. In eleventh and twelfth grades, students will participate in internship and mentorship programs. Students can earn college credit for certain courses.

Chemistry RAHP**4392SC**

The existing Chemistry Honors curriculum will be revised to include extensions of the chemistry concepts as relevant to the healthcare industry. This will integrate chemistry content with the experiences of the students as they participate in RAHP explorations. Prerequisite: Biology CP, concurrent enrollment in Algebra II E or higher, teacher recommendation, and acceptance to the RAHP program.

Physics RAHP**4302SC**

This course is offered for Honors credit to 11th grade students who are enrolled in the RAHP program. It follows Physics Honors curriculum and it enriches one unit each marking period with applications to the medical professions. Physics RAHP covers the same topics as Physics Honors and includes the same emphasis on mathematical modeling and problem solving. Prerequisite: Biology, Chemistry RAHP, concurrent enrollment in Pre-Calculus Honors or higher, and acceptance to the RAHP program.

RAHP Seminar**4492SC**

This is offered as an Honors level course to assist 12th grade students in preparing their Capstone projects at the end of their RAHP experience. Each of these projects will include a research component in a health related area, and will culminate in a paper that will be presented at a Capstone Symposium. The paper will be written in compliance with the Composition Guidelines of the RHS English Department. The course will be a full year course meeting once a week. Prerequisite: Chemistry RAHP, Physics RAHP.

RAHP Internship**4301SC**

This course is intended for 11th grade students who are enrolled in Physics RAHP. The RAHP Physics Lab component facilitates the internship rotations of 12 visits of 2 hours each divided over the school year. Students involved in an internship will gain exposure to real world experiences in a healthcare facility. They will learn to complete internship assignments in a timely manner, to conduct themselves responsibly in a professional environment, to observe healthcare teams in action at Valley Hospital and to be part of a professional community. The internship builds a bridge between the academic classroom experiences and the healthcare workplace setting. Prerequisite: Chemistry RAHP, concurrent enrollment in a math course higher than Algebra II, and acceptance to the RAHP program.

Career Pathways in Medicine Program (CPM)

The Ridgewood Career Pathways in Medicine Program is a two-year program for students who have an interest in pursuing a career within health or medical professions. The goal of the program is to integrate participating high school students' academic college preparatory curriculum with real life learning opportunities for basic skills required to advance to further studies at the technologist level. This program will align with the college preparatory sequence of courses at RHS and offer students the opportunity to explore careers and programs in the health and medical sciences.

Ridgewood Career Pathways in Medicine Program I (CPM Program)

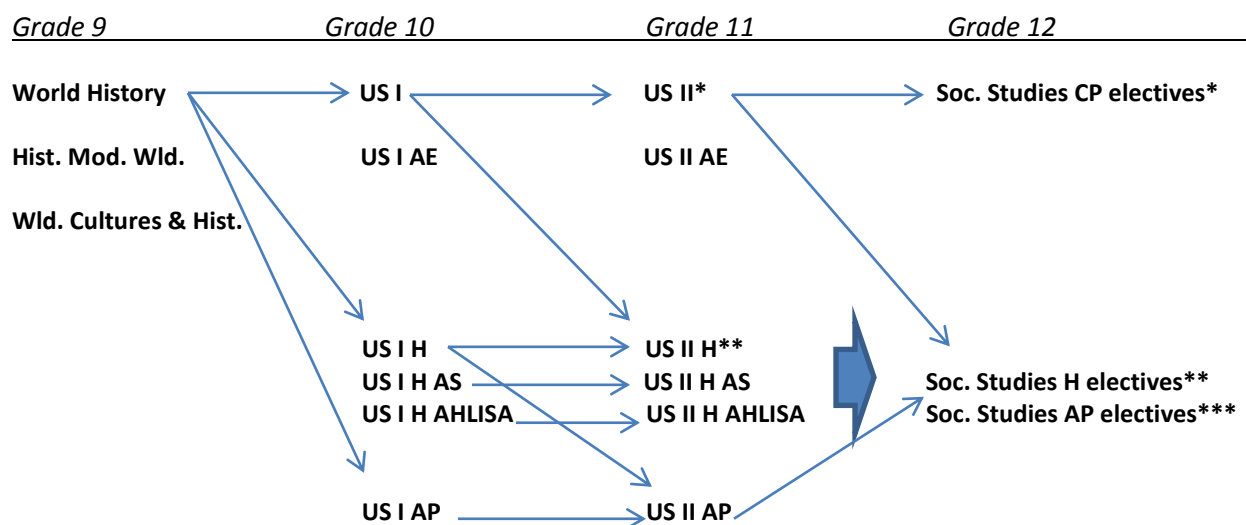
4304SC

This course is scheduled during one unassigned lab period per cycle and explores three thematic units throughout the year. Students will learn basic medical terminology human anatomy and physiology as relevant to the required units of study. Theoretical study will be reinforced by lab activities and off-site visits to medical facilities. Students will receive three credits for this course. Thematic units are HIPAA/OSHA regulations and laws, infection control and microbiology, and basic lab screening/clinical tests. Prerequisite: Successful admittance to the CPM program

SOCIAL STUDIES/SOCIAL SCIENCES

COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES	PREREQUISITE
SOCIAL STUDIES DEPARTMENT							
2104SS	World History	College Prep		Full Year	5.0	9	None
2004SS	World Cultures and History	College Prep		Full Year	5.0	9	Student signature on course expectations/8 th Gr. Teacher Rec
2114SS	History of the Modern World	College Prep		Full Year	5.0	9	Enrollment in English 9 Literary World Views
2304SS	United States History I	College Prep		Full Year	5.0	10	World history
2314SS	United States History I - The American Experience I	College Prep		Full Year	5.0	10	World History, Teacher Recommendation
2302SS	United States History I	Honors		Full Year	5.0	10	World History; Teacher Recommendation
2342SS	United States History I American Studies I	Honors		Full Year	5.0	10	Application Process; Summer Work
2312SS	United States History I American History & Literature w/Integrated Study in the Arts I	Honors		Full Year	5.0	10	Application Process; Summer Work
2310SS	United States History I	AP		Full Year	5.0	10	World History; Teacher Recommendation
2404SS	United States History II	College Prep		Full Year	5.0	11	United States History I
2324SS	United States History II - The American Experience II	College Prep		Full Year	5.0	11	United States History I; Teacher Recommendation
2402SS	United States History II	Honors		Full Year	5.0	11	United States History I; Teacher Recommendation
2452SS	United States History II American Studies II	Honors		Full Year	5.0	11	United States History I American Studies
2412SS	United States History II American History & Literature w/Integrated Study in the Arts II	Honors		Full Year	5.0	11	United States History I AHLISA
2400SS	United States History II	AP		Full Year	5.0	11	U.S. History I H/AP; Teacher Recommendation
2900SS	American Gov't & Politics AP	AP	Elective	Full Year	5.0	11-12	Teacher Recommendation
2954SS	The Power of One: Reflections on the Holocaust & the 21 st Century	College Prep	Elective	Semester	2.5	11-12	None
2962SS	The Power of One: Reflections on the Holocaust & the 21 st Century	Honors	Elective	Semester	2.5	11-12	Teacher Recommendation
2932SS	Classical Foundations of America	Honors	Elective	Semester	2.5	11-12	Teacher Recommendation
2702SS	Contemporary Issues in Social Science	Honors	Elective	Full Year	5.0	11-12	Teacher Recommendation
2210SS	European History AP	AP	Elective	Full Year	5.0	11-12	Teacher Recommendation
2754SS	Film as History: The 20 th Century	College Prep	Elective	Semester	2.5	12	None
2712SS	Global Economics	Honors	Elective	Semester	2.5	11-12	Teacher Recommendation
2744SS	History of American Society & Culture	College Prep	Elective	Full Year	5.0	11-12	None
2514SS	Human Geography	College Prep	Elective	Full Year	5.0	11-12	None
2512SS	Human Geography	Honors	Elective	Full Year	5.0	11-12	Teacher Recommendation
2882SS	Law – Criminal	Honors	Elective	Semester	2.5	11-12	Teacher Recommendation
2892SS	Law – Constitutional	Honors	Elective	Semester	2.5	11-12	Teacher Recommendation
2830SS	Micro/Macro-Economics AP	AP	Elective	Full Year	5.0	11-12	Teacher Recommendation
2202SS	Modern European History	Honors	Elective	Full Year	5.0	11-12	Teacher Recommendation
2852SS	Western/Non-Western Philosophy	Honors	Elective	Full Year	5.0	11-12	Teacher Recommendation
2624SS	Psychology	College Prep	Elective	Full Year	5.0	11-12	None
2622SS	Psychology	Honors	Elective	Full Year	5.0	11-12	Teacher Recommendation
2600SS	Psychology AP	AP	Elective	Full Year	5.0	11-12	Teacher Recommendation
2942SS	Revenge, Justice & Social Mores in Greek Tragedy	Honors	Elective	Semester	2.5	11-12	Teacher Recommendation
2732SS	Ridgewood in History	Honors	Elective	Semester	2.5	12	Teacher Recommendation
2502SS	Sociology	Honors	Elective	Full Year	5.0	11-12	Teacher Recommendation
2252SS	Senior Seminar	Honors/AP	Elective	Full year	5.0	12	Teacher Recommendation
2822SS	The Stock Market & the Economy	Honors	Elective	Semester	2.5	11-12	Teacher Recommendation
2952SS	The Trojan War	Honors	Elective	Semester	2.5	11-12	Teacher Recommendation

RHS Social Studies Program Flow Chart



***CP elective options for full year and semester courses at Grades 11 and 12 include:**

History of American Society & Culture; Psychology; Human Geography; Film as History (sem); The Power of One (sem)

****Honors elective options for full year and semester courses at Grades 11 and 12 include (teacher recommendation is necessary):**

Contemporary Issues in Social Science H; Modern European History H; Western/Non-Western Philosophy H; Psychology H; Sociology H; Human Geography H; Global Economics H (sem); Criminal Law H (sem); Constitutional Law H (sem); Ridgewood in History H (sem); The Stock Market & Economy H (sem); Classical Foundations of America H (sem); Revenge, Justice & Social Mores in Greek Tragedy H (sem); The Trojan War H (sem); The Power of One (sem)

*****AP elective options for full year courses at Grades 11 and 12 include (teacher recommendation is necessary):**

American Gov't & Politics AP; European History AP; Micro/Macro Economics AP; Psychology AP; Senior Seminar H/AP

Social Studies/Social Sciences

The Ridgewood Public Schools Social Studies program empowers students to become responsible learners in the global community of the 21st Century. Our learners will interpret, analyze, and evaluate documentary source information from a multitude of authors and time periods as a means of conducting authentic, historically based research. Students versed in the social studies are active, informed and empathetic individuals. Only through a deep understanding of the past can one appreciate the realities of the present and possibilities of the future. This program encourages life-long learning that reflects social and historical realities.

The Social Studies/Social Sciences curriculum at Ridgewood High School contains three major areas of study. The first area of study is a World History survey. The second area of study consists of a two-year sequence of United States History and a group of alternative programs which also satisfy the United States History requirement. The third major area of study consists of a variety of full year and half-year courses in History and the Social Sciences which, taken together, make up the Elective Program.

With few exceptions, Ridgewood High School students meet their World History requirement in their freshman year, and their two-year United States History requirement in their sophomore and junior years. Students may take any Elective Program offering in the 11th or 12th grades.

World History

2104SS

History of the Modern World

2114SS

The World History and History of the Modern World courses bring history alive through a carefully developed chronological and thematic approach, which provides the student with a firm grasp of the sweep of Western and Non-Western history. This survey of World History provides comprehensive coverage of historical events, facts and concepts with coverage from Ages of Enlightenment and Revolutions through the Globalization of the Modern World. Students taking History of the Modern World must also be enrolled in English 9 Literary World Views.

World Cultures and History

2004SS

This course focuses on exploring and responding to quality literature from a variety of cultures and is divided into four major units: Perspectives, Journey, Tradition and Change, and Fate vs. Free Will. Students will examine folklore, biography/autobiography, historical and realistic fiction, poetry, drama and essays. In addition, stories are examined from a historical, literary, or cultural perspective. Collaborative learning, heterogeneous grouping, and attention to multiple intelligences are critical components of the course. Computer technology is used in research, writing development, and to foster collaboration and the development of digital citizenship. Prerequisite: Student signature on course expectations/8th grade teacher recommendations.

United States History I

2304SS

United States History I Honors

2302SS

This is the first half of a two-year sequence, which constitutes the sophomore year of the History/Social Science program at the high school. It satisfies the requirements of New Jersey standards in the area, and is required for all students who do not choose an alternate United States History I or II sequence. This survey course follows a flexible chronology, which broadly covers the panorama of our nation's development over a period of three centuries from colonization and settlement through the Industrial Revolution.

United States History II

2404SS

United States History II Honors

2402SS

This is the second half of a two-year sequence. Continuing the survey of American History begun in the sophomore year, it deals with the major events which have shaped and molded our nation in the 20th and 21st centuries. As in the case of United States History I, the course is intended to meet the requirements established by the State of New Jersey, and our district-wide curriculum frameworks. The survey examines the ever-changing political scene, as well as social and economic developments. It pays particular attention to world affairs, major wars, and contemporary problems and conflicts both internal and external, an understanding of which is a prerequisite to their solution.

United States History I The American Experience I
United States History II The American Experience II

2314SS
2324SS

This is a college prep, two-year sequence of English and History classes, which correlates American Literature with American History. The course is an alternative to the traditional English and Social Studies core course offerings at Grades 10 & 11. The program is open to a limited number of college prep level students who have demonstrated passion for history-related subjects, task commitment, and general creative thinking and intellectual curiosity. The two-year sequence features a pair of teachers (one English, one History) who collaborate around enduring understandings that connect facets of American history with themes in American literature. In the English section, the poetry, drama, novels and essays selected are those contemporary with the period being studied in History. Included are many of the important American writers. As the two classes often meet consecutively, teachers can extend instructional activities for special purposes. Opportunities for site-based learning align with particular units of study. Prerequisite: Recommendations from Grade 9 English and World History teachers. Students not currently enrolled in the American Experience I course may apply for entrance into the junior year American Experience II course. (Full year course for grades 10-12)

United States History I American Studies I
United States History II American Studies II

2342SS
2452SS

This is a two-year sequence of English and history classes, which correlates American Literature with American History. The course is an alternative to English 10 and 11 and to United States I and II, and is open to students who have demonstrated both the interest and ability to handle a demanding program. English and History classes meet consecutively so that if the teachers wish, students can be grouped for special instructional purposes.

In the History section, a wide variety of primary sources supplements the regular textbook. In the English section, poetry, drama, novels and essays are contemporary with the period being studied in history. Included are most of the important American writers. Assignments in the program are usually long-term rather than daily. Emphasis is placed on composition, analysis, and research. In the History section, many assignments result from position papers or essays that stress a solid grasp of factual material plus independence of judgment. English papers and tests ask the student to evaluate critically the literature studied. Students are selected by an application process for this honors level course.

United States History I American History & Literature with Integrated Study in the Arts I
United States History II American History & Literature with Integrated Study in the Arts II

2312SS
2412SS

This is an interdisciplinary course that creatively integrates study in the fine and performing arts with a strong academic focus on the study of both history and literature. With instructors from the English, History, Art and Design, and Performing Arts departments, students will explore the complex interrelationship between history and literature not only through traditional means, but also through exposure to and analysis of the visual, musical and theatrical work of the various time periods. Students will be expected to demonstrate their growing knowledge through the creation of images, musical compositions, creative writing and theatrical performances that both intellectually and artistically assimilate and synthesize historical and literary material. This honors level course meets the requirements of U.S. I, U.S. II, English 10 and English 11. Students participate for two years. Art instructors visit English and History classes to coordinate study of contemporary arts with particular historical periods, and works of literature.

Classes meet back-to-back to provide extended time for interdisciplinary teaching and discussion, independent study, presentation and performance of creative projects and field trips. Work in this course will require students to take intellectual leaps and risks, to collaborate constructively not only with one another, but also with instructors in designing and evaluating projects. The unique focus of the course allows the students ample opportunity for alternative assessments. The course simulates student motivation and encourages student creativity. In addition to earning honors credit in both History and English, all students will earn art credit through the successful design and completion of all independent arts projects that demonstrate, explore and express their knowledge and understanding of the various historical periods. Students are selected by an application process.

United States History I AP
United States History II AP

2310SS
2400SS

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with problems and material in United States History. This program will prepare students for intermediate and advanced college courses by making demands upon them equivalent to those of full year introductory college courses. Students will learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – and to

weigh the evidence and interpretations presented in historical scholarship. The Advanced Placement United States History course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present ideas clearly and persuasively in essay format.

The Advanced Placement course will provide students with knowledge of primary sources, including documentary material, maps, statistical tables and pictorial and graphic evidence of historical events. Students will learn to take notes from both printed materials and lectures or discussions, write essay examinations, and write analytical and research papers. They will learn to express themselves with clarity and precision and to cite sources and credit the phrases and ideas of others. This is a two-year sequence course recommended only for students with very strong academic skills.

American Government & Politics AP**2900SS**

American Government & Politics AP will require that the student learn facts and concepts and understand typical political processes in order to gain a thorough and systematic comprehension of United States government. Further, the student will learn to use specific information to evaluate and critique general propositions about government and politics.

This course will also provide students with the skills and factual knowledge to analyze documentary material, primary resources, statistical tables and pictorial and graphic evidence. Students will understand and appreciate the relevance of these documents and sources and evaluate their importance in American political scholarship. A major goal of the course will be to aid students in writing analytically with both clarity and precision. They will learn to distinguish the essential from the incidental, understand and evaluate competing arguments, and formulate and express opinions on our political and policy-making processes, based on informed judgments. Major units of study include but are not limited to: The Foundations of the U. S. Government, The Institutions of the National Government, Civil Rights and Liberties, Political Beliefs and Behaviors, Political Parties, Interest Groups and Mass Media, and the Implementation of Public Policy.

The Power of One: Reflections on the Holocaust & the 21st Century
The Power of One: Reflections on the Holocaust & the 21st Century**College Prep 2954SS**
Honors 2962SS

Through the study of Holocaust literature and media, as well as contemporary topics and materials, students will learn that decisions made by individuals and organizations not only impact history, but resonate with all of humanity today. Various roles – survivors, upstanders, bystanders, collaborators, perpetrators and victims will be examined in detail through the exploration of various genres: fiction, poetry, diaries, oral histories, art, music, and video. Students will realize that historical events were not inevitable and that one person's choices impact not only the individual, but a community and society, as a whole. They will explore the parallels between history and today and see the power that one individual may possess. Students will learn that a person of any age can truly alter the course of events. This is a semester course intended for grades 11-12. (Prerequisite: teacher recommendation for honors level)

Classical Foundations of America**2932SS**

Classical Foundations of America is an honors semester course intended for grades 11 and 12. For generations, the story of Ancient Rome's rise and fall has fueled hopes for national greatness and fears for the fate of America's republic. Are we Rome? Will America's rise to world leadership last for a thousand years? Or will our nation come to ruin, like the great Empire of Ancient Rome? What lessons does Rome teach us? These questions have haunted Americans since the founding of the new nation in 1776, and they are still with us today.

Classical Foundations of America views the lost world of Ancient Rome through American eyes. The course uncovers the classical spirit that inspired Rome's impact on the nation and asks, "What enduring lessons does Rome have for America today?" Classical Foundations of America will explore the political, architectural, educational, and social practices and philosophies that formed both early and contemporary American society. (Prerequisite: Successful completion of a level III language)

Contemporary Issues in Social Science**4702SS**

This is a full year honors level course that is intended to give students a survey of issues that American politicians grapple with, as well as an overview of the policy process. This survey will address the issues most pertinent to the day by providing a historical context for how the issues have been dealt with, while also keeping current with the most recent developments. This course will require an extensive student-centered research component along with a greater analysis of primary sources.

The major divisions of Contemporary Issues in Social Sciences are: the relationship between government and business; economic issues of taxing, spending and budgeting; principles of energy policy; the implementation of environmental policy; dilemmas of social control in creating a criminal justice system; the effectiveness of social-safety nets; health care costs and benefits; the focus of education policy; security versus rights in the creating of a defense policy; issues of international and domestic oppression; and the multi-dimensional phenomenon of suburbanization. Prerequisite: teacher recommendation. (Full year honors elective for grades 11 and 12)

European History AP**2210SS**

This Advanced Placement course is designed to meet the needs of those students who wish to prepare for the Advanced Placement test in European History, and for those students who wish to add depth and historical perspective to their studies of the arts and sciences. Although the political, economic and social development of rich and varied European cultures (1400-1970) forms the core of the course content, special emphasis is placed on the intellectual currents, from Aquinas to Marx, which have helped shape the 20th Century world in which we live. This is a demanding course recommended only for students with very strong academic skills.

The Advanced Placement course will provide students with knowledge of primary sources, including documentary material, maps, statistical tables, and pictorial and graphic evidence of historical events. Students will learn to take notes from both printed materials and lectures or discussions, write essay examinations, and write analytical and research papers. They will learn to express themselves with clarity and precision and to cite sources and credit the phrases and ideas of others. Enrollment is open to students in 11th and 12th grades who are willing to spend the time necessary to meet the demands of this rigorous college level course. Students should be prepared to meet demands that are equivalent to those of a first-year college course.

Film as History: The 20th Century**2754SS**

The course is designed to expose students to some of the major events and eras of the 1900's. Through the examination of movies and documentaries, we will attempt to assess the validity of Hollywood production as a means to capture the essence of historical events. In addition, we hope to spark new interests in the study of history. (Semester elective for 12th grade)

Global Economics**2712SS**

This course will consider the opportunities and challenges presented to the United States by virtue of globalization in the 21st Century. Students will think critically about problems concerning international trade, such as world flow of goods and services, capital and labor, information and technology, and the world's financial markets. Honors credit. (Semester elective grades 11-12)

History of American Society & Culture**2744SS**

This is an interactive course designed to explore the events in American History that gave shape to various cultural groups throughout America. This course will focus on the historical timeline beginning at the turn of the 20th century, with the development of African American culture, through the Civil and Women's Rights Movements, to the MTV/Facebook generations. Students will explore urbanization and the formation of city culture, and the rise of American pop culture, including its influential people. Readings, discussion, and analysis of music, fashion and media influence, including advertising, as they contribute to America as a consumer nation, adds a multidimensional aspect for students. Critical thinking exercises both oral and written will lead students to the understanding of social and cultural reality as it transformed from 1900 through present day. (Full year elective for grade 12)

Human Geography**2514SS****Human Geography Honors****2512SS**

The purpose of the Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Prerequisite: Social Studies teacher recommendation for honors level. (Full year elective for grades 11-12)

Law – Criminal**2882SS**

In this one semester course, students will study the basic principles, functions and purposes of lawyers and the legal system, as well as criminal law and juvenile justice. Topics shall include the rationale for laws, an introduction to the legal system,

organization and functioning of the courts and an in-depth study of criminal law including crime and its causes and the U.S. Constitutional protections for those accused of a crime. Specific topics discussed have included gang violence, physician assisted suicide, gun control, vigilante justice, and capital punishment. The course focuses frequently on current issues and the practical application of law in our daily lives as well as each student's responsibilities under the law. Honors credit. (Semester elective grades 11-12)

Law – Constitutional**2892SS**

In this one semester course, students will study great individual freedoms and rights guaranteed to all citizens under the Bill of Rights and other provisions of the U.S. Constitution and federal statutes, including freedoms of speech, religion, the press, assembly and the right to privacy. Civil rights issues and discrimination based on race, religion, gender and handicap are also covered.

Specific topics discussed have included symbolic protest speech, hate speech, defamation, obscenity, limits on reporters, the clash of religion and the government, abortion and personal privacy, and affirmative action. Student rights and responsibilities in these areas are frequently incorporated into units of study. The course focuses on current issues and the practical application of law in our daily lives. Honors credit. (Semester elective grades 11-12)

Microeconomics/Macroeconomics AP**2830SS**

This advanced placement course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically and creatively with economic problems. This program will prepare students for undergraduate study by making demands upon them equivalent to those of a full year introductory college course. The Advanced Placement course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present ideas clearly and persuasively in essay format. The Advanced Placement Microeconomics course will emphasize the behavior of individual decision makers within the larger economic system and the skills necessary for rational decision making. It will place primary emphasis on the nature and function of product markets and the role of the government in the economy. Macroeconomics teaches students to have a thorough understanding of the principles of economics that apply to a total economic system. It will place particular emphasis on national income and price determination and also cover measurement of economic performance, economic growth, and international economics, therefore, it is recommended that students take Global Economics as a prerequisite. This is a demanding course, recommended only for students with very strong academic skills. (Full year elective for grades 11 and 12)

Modern European History**2202SS**

This course surveys the sweep of European History and culture from the end of medieval time to the present day with particular emphasis on those events which follow the French Revolution. Major areas of study include: the conflict between forces of change and the forces of continuity, the Reformation, the development of absolutism, the Age of Reason, the growth of constitutional government and democracy, the French Revolution and the Age of Napoleon, the Challenge of socialism, imperialism, the causes and effects of World War I, the growth of totalitarianism, World War II and the need for international security, the Russian Revolution and the Soviet Union, the Cold War, and issues of contemporary Europe. Honors credit. (Full year elective grades 11-12)

Western/Non-Western Philosophy**2852SS**

The yearlong sequence of Western and Non-Western philosophy is an inquiry into the principles of knowledge and valid reasoning, the foundations of morality, law, and society and the fundamental structures of reality. This course is organized thematically. We will study the major representatives of both Western and Non-Western philosophy through their answers to eternal problems or questions. Tracing the lines of Western Philosophy, beginning in the Classical Greek period, and the sometimes earlier development of similar lines of thought in the Hindu, Chinese, and Islamic traditions, this course will expand the quest for knowledge through engagement with major human attempts to answer similar questions. Beginning with questions that we share with these traditions, Western/Non-Western Philosophy will investigate the remarkable phenomenon that is human philosophical inquiry in its continuities and differences across world cultures. Major cultures and traditions studies include Western philosophy in its ancient, medieval and modern forms (including representatives of the analytical and continental traditions), ancient Judaism, Hinduism, Buddhism, Taoism, Confucianism and Native American thought. Honors credit. (Full year elective grades 11-12)

Psychology
Psychology Honors**2624SS**
2622SS

Psychology introduces students to the overall study of human behavior and the research methods/statistics used by psychologists to answer basic questions concerning the human condition. Topics such as human development, learning, memory, personality theories, mental illness, therapy types, social psychology and altered states of consciousness are explored. In addition to reading and class discussions, information will be gathered through experiments and demonstrations. Students are encouraged to pursue further investigation of those topics of particular interest to them. Students will develop the ability to conduct scientific field research in areas of their special interest within the social sciences. They will learn how to analyze their data and draw conclusions. Students will develop the ability to express in written form the findings of their research by preparing formal American Psychological Association (APA) style written reports. Students will be engaged in other individual and group projects. Students will participate in seminar-based presentations and discussions on class topics. Social Studies teacher recommendation for honors level. (Full year elective course for grades 11-12)

Psychology AP**2600SS**

This full year Advanced Placement course is a college level course of study in psychology. It provides the student with the critical thinking skills and in depth knowledge necessary for passing the Advanced Placement Exam for psychology offered by the College Board. The topics are varied and comprehensive as outlined by the College Board requirements. The pace of this course is rigorous. (Full year elective grades 11-12)

Revenge, Justice & Social Mores in Greek Tragedy**2952SS**

Revenge, Justice & Social Mores in Greek Tragedy is an honors semester course intended for grades 11 and 12. It is a reading-based course focusing on Ancient Greek and Roman perspectives on revenge and justice as depicted in Aeschylus, Sophocles, Euripides, Aristophanes and Seneca. The course will examine texts in connection with Greco-Roman culture and posit connections between literature and custom. The course will ask and form answers to the following essential question: How are social mores both embedded in the literature and reflective of society as a whole? (Prerequisite: Successful completion of a level III language)

Ridgewood in History**2732SS**

This is a thematic and interdisciplinary semester elective open to seniors upon the successful completion of both U.S. I and U.S. II. In this class, students will do the work of historians as they complete group projects exploring the history of Ridgewood and its citizens. As a result, this course seeks students that are interested in the local history of their community, and display appropriate research, historical writing and technology based skills. Honors credit. (Semester elective for grade 12)

Sociology**2502SS**

This is a full year course which provides a secondary school equivalent to an introductory college course in sociology. The course provides a rigorous examination of the structure and functioning of society. Within this context, areas of study include: an exploration of the methods employed by sociologists, an analysis of culture, the structure of group life and an examination of the process of socialization and its impact on both the individual and society. The course concludes with an extended study of inequality in various incarnations such as class, race, and gender in modern American society. Writing and critical thinking skills are emphasized. Honors credit. A background in honors level classes is highly recommended. (Full year elective for grades 11-12)

Senior Seminar**1252SS**

This course is designed for highly motivated students interested in learning about Global Studies. The program focuses on the development of academic commitment through self-directed student learning experiences. This senior culminating experience aims to heighten student global awareness and compels them to consider their place in the world.

Modeled on the Socratic Seminar, this course emphasizes independent research and study interwoven with intensive discussion and dialogue in a small class setting. The prospective Seminar student must meet the prerequisite of having earned a B or higher in an Honors level English class during the two preceding academic years. This is a demanding course, recommended only for students with very strong academic skills. Students who select Senior Social Studies Seminar must also select Senior Seminar English.

The Stock Market and the Economy**2822SS**

This course emphasizes decision-making and focuses on the economics helpful to the individual. It presents the tools of the economist to help students analyze economic problems in the same manner as economists. Special attention is given to the principles of a “market economy” and to a comparison of traditional and command economics as well. Through participation in simulations such as The Stock Market Game, students will examine the operation of markets in the U.S. economy. Honors credit. (Semester elective for grades 11-12)

The Trojan War**2952SS**

The Trojan War is an honors semester course intended for grades 11 and 12. The conflict of the Trojan War encompasses a compelling intersection of history and mythology. Homer’s “Iliad” teaches social expectations through his retelling of the war, and the great tragedians of Ancient Greece accurately depict the toll of warfare on humanity and on families. This set of texts provides a rich foundation in the culture of the Bronze Age, which has themes that echo into modern humanities as well. (Prerequisite: Successful completion of a level III language)

FINE AND APPLIED ARTS

COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES	PREREQUISITE
DEPARTMENT OF ART AND DESIGN							
VISUAL ARTS							
7469FA	Advertising Art	College Prep	Elective	Semester	2.5	9-12	None
7479FA	Advanced Advertising Art	College Prep	Elective	Semester	2.5	9-12	Advertising Art
6419PA	Architectural Design I	College Prep	Elective	Full Year	5.0	9-12	None
6429PA	Architectural Design II	College Prep	Elective	Full Year	5.0	10-12	Architectural Design I
7310FA	Art History AP	AP	Elective	Full Year	5.0	11-12	Completion of summer project and Teacher Recommendation
7539FA	Ceramics I	College Prep	Elective	Semester	2.5	9-12	None
7549FA	Ceramics II	College Prep	Elective	Semester	2.5	9-12	Ceramics I
6509PA	Digital Media	College Prep	Elective	Semester	2.5	9-12	None
6439PA	Digital Photography I	College Prep	Elective	Semester	2.5	9-12	None
6449PA	Digital Photography II	College Prep	Elective	Semester	2.5	9-12	Digital Photography I
6579PA	Advanced Digital Photography	College Prep	Elective	Semester	2.5	10-12	Digital Photography I & II
7429FA	Fundamental Drawing	College Prep	Elective	Semester	2.5	9-12	None
7409FA	Introduction to Studio Art	College Prep	Elective	Semester	2.5	9-12	None
7419FA	Intermediate Studio Art	College Prep	Elective	Full Year	5.0	9-12	Previous Art Class
7519FA	Jewelry and Metal Design I	College Prep	Elective	Semester	2.5	9-12	None
7529FA	Jewelry and Metal Design II	College Prep	Elective	Semester	2.5	9-12	Jewelry and Metal Design I
7449FA	Painting I: Acrylic	College Prep	Elective	Semester	2.5	9-12	None
7459FA	Painting I: Watercolor	College Prep	Elective	Semester	2.5	9-12	None
7509FA	Painting II	College Prep	Elective	Semester	2.5	9-12	Painting I: Acrylic or Watercolor
7569FA	3D Design	College Prep	Elective	Semester	2.5	9-12	None
7410FA	Studio Art I AP	AP	Elective	Full Year	5.0	10-12	Previous Art Class and Teacher Recommendation
7430FA	Studio Art II AP	AP	Elective	Full Year	5.0	11-12	Studio Art I AP and Teacher Recommendation
7619FA	Advanced Portfolio Development	College Prep	Elective	Semester	2.5	10-12	Adv. Artistic Standing, Teac Rec
7629FA	Advanced Portfolio Development	College Prep	Elective	Full Year	5.0	10-12	Adv. Artistic Standing, Teac Rec
7719FA	TV Production	College Prep	Elective	Semester	2.5	9-12	None
7729FA	Video Production	College Prep	Elective	Semester	2.5	9-12	TV Production or approval
7739FA	Advanced Video Production	College Prep	Elective	Semester	2.5	10-12	TV/Video Production or approval
TECHNOLOGY EDUCATION / APPLIED ARTS							
6109PA	Graphic Arts I	College Prep	Elective	Semester	2.5	9-12	None
6169PA	Graphic Arts II	College Prep	Elective	Semester	2.5	9-12	Graphic Arts I
6139PA	Graphic Arts III	College Prep	Elective	Full Year	5.0	10-12	Graphic Arts I & II
6149PA	Graphic Arts IV	College Prep	Elective	Full Year	5.0	11-12	Graphic Arts I, II, & III
6249PA	Media Technology	College Prep	Elective	Semester	2.5	9-12	None
6315PA	Innovating Through Design Thinking	College Prep	Elective	Semester	2.5	9-12	None
6525PA	Design Thinking Studio: Experiences in Design & Rapid Prototyping	College Prep	Elective	Semester	2.5	9-12	None
6535PA	Building and Design I	College Prep	Elective	Semester	2.5	9-12	None
6545PA	Building and Design II	College Prep	Elective	Semester	2.5	9-12	Building and Design I
6399PA	Structural Applications III	College Prep	Elective	Full Year	5.0	10-12	Structural Applications I & II
6555PA	Interactive Design	College Prep	Elective	Semester	2.5	9-12	None
6565PA	Robotics	College Prep	Elective	Semester	2.5	9-12	Interactive Design
6575PA	Real World Engineering	College Prep	Elective	Full Year	5.0	9-12	None
6489PA	Yearbook Production I	College Prep	Elective	Semester	2.5	10-12	None
6499PA	Yearbook Production II	College Prep	Elective	Semester	2.5	10-12	Yearbook Production I
6498PA	Yearbook Production II	Honors	Elective	Semester	2.5	10-12	Yearbook Production I & Teacher Recommendation
6492PA	Yearbook Management	Honors	Elective	Full Year	5.0	11-12	Application Process
6329PA	Journalism Production I	College Prep	Elective	Full Year	5.0	10-12	None
6339PA	Journalism Production II	College Prep	Elective	Full Year	5.0	10-12	Journalism Production I
INTERDISCIPLINARY COURSES							
7319FA	American History and Literature with Integrated Study in the Arts	College Prep		Full Year	1.0	10-11	Application process

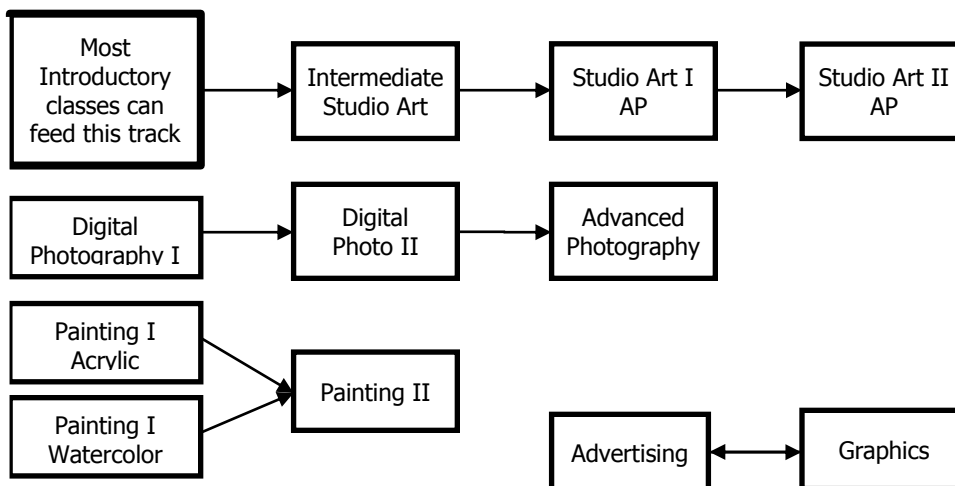


COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES	PREREQUISITE
DEPARTMENT OF MUSIC							
7099MU	Introduction to 21 st Century Music Production	College Prep	Elective	Semester	2.5	9-12	None
7090MU	Advanced 21 st Century Music Production	College Prep	Elective	Semester	2.5	9-12	Introduction to 21 st Century Music Production
7089MU	Music Rewind	College Prep	Elective	Semester	2.5	9-12	None
7140MU	Music Theory AP	AP	Elective	Full year	5.0	12	Teacher Recommendation
7009MU	Symphonic Band	College Prep	Elective	Full year	5.0	9-12	None
7019MU	Concert Band	College Prep	Elective	Full year	5.0	9-12	Teacher Recommendation
7029MU	Wind Ensemble	College Prep	Elective	Full year	5.0	9-12	Auditions/Teacher Recommendation
7219MU	Chorale	College Prep	Elective	Full year	5.0	9-12	None
7239MU	Concert Choir	College Prep	Elective	Full year	5.0	9-12	Auditions/Teacher Recommendation
7269MU	Treble Choir	College Prep	Elective	Full year	5.0	9-12	Auditions/Teacher Recommendation
7249MU	Chamber Choir	College Prep	Elective	Full year	5.0	9-12	Auditions/Teacher Recommendation
7049MU	Symphonic Orchestra	College Prep	Elective	Full year	5.0	9-12	None
7039MU	Concert Orchestra	College Prep	Elective	Full year	5.0	9-12	Auditions/Teacher Recommendation
7059MU	Chamber Orchestra	College Prep	Elective	Full year	5.0	9-12	Auditions/Teacher Recommendation
INDEPENDENT STUDY							
7259MU	Music Mentors Honors	College Prep	Elective	Full year	1.25	10-12	Teacher Recommendation
DEPARTMENT OF DANCE & THEATRE							
7149DT	Dance I	College Prep	Elective	Semester	2.5	9-12	None
7129DT	Dance II	College Prep	Elective	Semester	2.5	9-12	Gr. 9 w/Prior Approval; Gr. 10-12 & Dance I
7139DT	Advanced Dance	College Prep	Elective	Semester	2.5	9-12	Dance II
7189DT	Acting I	College Prep	Elective	Semester	2.5	9-12	None
7199DT	Advanced Acting	College Prep	Elective	Semester	2.5	9-12	Acting I



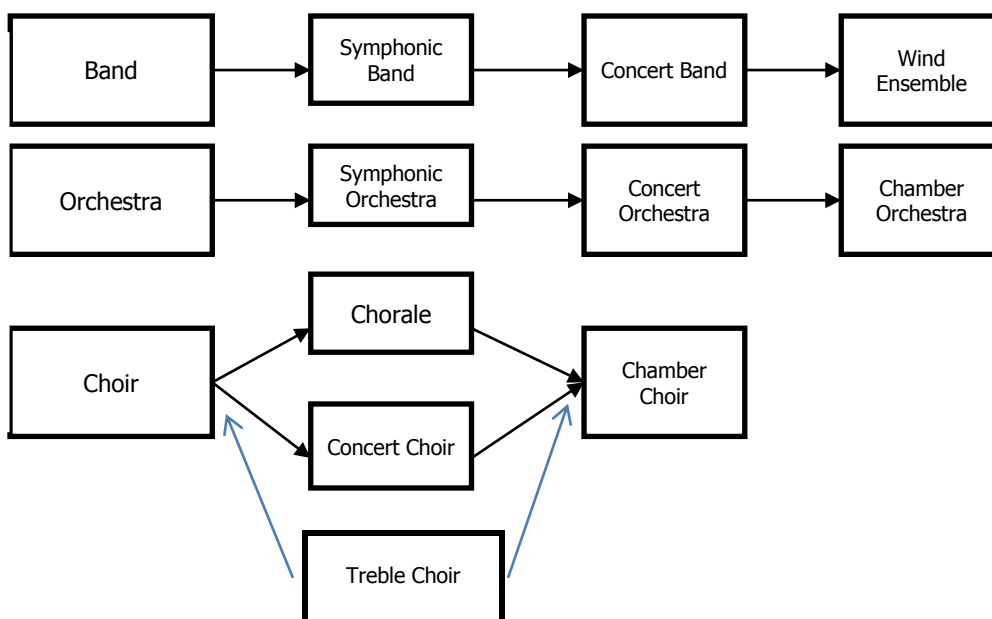
Department of Art and Design

Sequencing within the department is usually rather clear. This typical sequence is common for most specific disciplines, but it is also important to note that many of our courses are standalone classes that can be taken at any time. Here are some examples of paths through our art program that are more complicated. These are not the only tracks through our high school art program. If interested in certain art courses, talk with an art teacher or art supervisor.



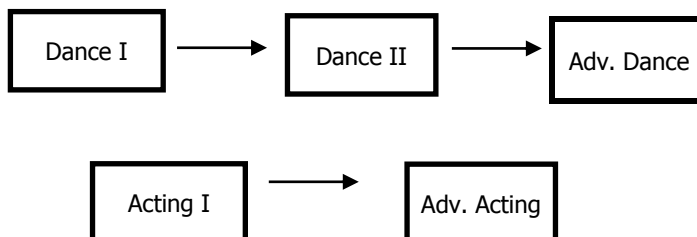
Department of Music

Sequencing within the department is audition based and students' progress to upper level classes when they are at the appropriate ability level.



Department of Dance & Theatre

Sequencing within the department is straightforward for both Dance and Theater. Students must be recommended or receive prior approval to take Dance II and Advanced Dance.





Visual Arts

We regard the arts, in general, and visual arts in particular, as basic to the education of every individual. Art, like the other disciplines, is composed of a vast body of knowledge, skills, techniques, and ideas, which can be taught and learned. These skills equip the learner with an additional method of expression and communication, which would be available in no other way. Students who participate in a curricular art class for their entire scholastic career at RHS will earn recognition for “Honors in Art.” Those seniors whose art experience culminates at the most advanced level will receive “Honors in Art with Distinction.”

Advertising Art

7469FA

This is a studio course designed to develop the skills and insights in visual communication necessary for the student to become a potential commercial artist or a consumer and interpreter of commercial art. Through study and hands-on experience students will explore: typography, graphic design, packaging, illustration, layout, display, and the theories and psychology of selling and communications. Work is generated by hand and on the computer, using programs such as Adobe Photoshop and Adobe Illustrator, in the “state of the art” Mac Lab. (Semester elective for grades 9-12)

Advanced Advertising Art

7479FA

This course is offered to any student who has successfully completed Advertising Art. It is designed to provide students with some knowledge of the history and psychology of advertising, and a hands-on experience in the design and production of advertising materials. The focus will be on creative problem-solving activities in the areas of design, communication, and media (typography, posters, package design, computer graphics, and TV). Prerequisite: Advertising Art. (Semester elective for grades 9-12)

Architectural Design I

6419PA

This course merges mechanical, functional, aesthetic, and ecological principles of architecture into a year of hands-on design exploration. Learning activities range from design problems in architecture, to structural problems in construction, to analysis of materials, energy and the environmental impact of buildings. Students will address design problems with real-life objectives in mind. Students will employ a variety of tools and techniques including extensive pre-visualization of ideas through sketches and the development of mechanical drawing sketch models using pencil, paper, foam-board and other traditional tools, and develop dimensionally accurate drawings and 3-D renderings. Students will be expected to develop their own designs and present their work both to their classmates and in department exhibitions. (Full year elective for grades 9-12)

Architectural Design II

6429PA

This course expands upon student’s work from the first year course. Further emphasis will be placed on graphic representation of ideas through pen and ink and computer generated renderings. Students will be required to sketch, build sketch models, and explore ideas through research from a variety of sources including the Internet, current architectural publications, and by actually observing buildings and spaces. A long-term, thesis-like design project will be developed in the second half of this second year Architectural Design II. Students will be expected to present their work to their classmates and in department exhibitions. Prerequisite: Architectural Design I. (Full year elective for grades 10-12)

Art History AP

7310FA

This course is designed to be the equivalent of a two-semester introductory college or university art history survey course. It engages students in an in-depth exploration of diverse works of art, focusing on conceptual and visual understanding of the works and emphasizing comparative analysis which encourages their making connections amongst global art forms and traditions. The curriculum and content is structured around three overarching big ideas and three essential questions that act as the foundation, guiding students’ investigation into the nature of art, art making, and our response to art. The required course content, covering the works in the 250 image set (representing world cultures from prehistory to present day), is organized into 11 thematic units to encourage students’ deeper understanding of the works of art, as students apply skills that meet the



twelve learning objectives while analyzing works visually, contextually, and comparatively. Ultimately, the depth of learning students experience in this course results in readiness for the AP Art History Exam offered by the College Board and advanced college coursework in art history and other disciplines.

No prior experience History of the Arts is necessary for those taking the course. Students who have done well in other academic studies or in the art studio are especially encouraged to enroll. A teacher recommendation is required. There is a summer project that needs to be completed before the start of the class in the fall. Juniors and seniors enrolled in this class may also opt to enroll in the Fairleigh Dickinson University Middle College Program which enables students to earn 3 college level elective credits. There is an enrollment fee payable to FDU. Additional information is available from the Department of Fine Arts office. (Full year elective for grades 11-12)

Ceramics I

7539FA

This introductory course is conducted as a semester studio course, which provides experience in modeling and pottery-making using ceramic materials (ceramic clay, glaze, stain). Students will learn a variety of construction techniques such as: wheel throwing, hand-forming, slab construction, coil construction, and pinch method. Students will use the skills and techniques necessary to solve problems in three-dimensional designs and to create original artistic work. (Semester elective for grades 9-12)

Ceramics II

7549FA

This is a continuation of Ceramics I and provides students an opportunity to refine their skills and develop more competence in the area of ceramic pottery and sculpture. Students will learn additional skills and apply this to more complex problems of design, technique and creativity. Development of a personal body of work in hand building, wheel throwing, and sculpture will be emphasized. Prerequisite: Ceramics I. (Semester elective for grades 9-12)

Digital Media

6509PA

This is a semester studio course that crosses the boundaries between studio artwork and digital artwork. Students will work within Adobe PhotoShop at creating original digital images using Wacom tablets, enabling a more artistic interface with the computers. Typical artistic elements and principals will be explored, but applied to a digital canvas. Students will work on their own Mac desktop within the Arts computer lab. (Semester elective for grades 9-12)

Digital Photography I

6439PA

This is an introductory semester course that explores visual communication through the use of digital cameras and the computer. The focus is on the basic techniques and photographic terminology needed to train the eye and develop skills to create strong photographs. Students express themselves through photography as they manipulate composition, control lighting, select proper equipment, operate the camera, write critiques, and exhibit final works. Programs such as iPhoto, Adobe Photoshop and Adobe Illustrator are utilized to develop work. This is a semester course for students in grades 9–12.

Digital Photography II

6449PA

Digital Photography II is a semester long course, which allows students to continue exploration in the field of photography. Students focus on developing strong works based on the rules of composition and the Elements and Principles of Design. Areas of study include: lighting control, digital manipulation, photo journalism and individual research projects. Advanced use and techniques in Adobe PhotoShop will be explored. Recommended for students interested in photography and advanced creative expression. Prerequisite: Digital Photography I. (Semester elective for grades 9-12)

Advanced Digital Photography

6579PA

A semester long course that will allow advanced students to develop a portfolio of images that show an understanding of advanced photographic techniques. Students will work independently in pursuit of projects that express their unique and creative point of view. Advanced cameras (digital single lens reflex) and Apple computers are utilized along with a variety of software (ex. iPhoto®, Photoshop®). Prerequisite: Digital Photography I & II. (Semester elective for grades 10–12)



Fundamental Drawing

7429FA

This is a semester entry-level course for students' first experience with high school art courses. It will provide a learning experience for students who wish to focus on basic drawing skills, and serve as a stepping-stone for other art courses. Students will respond to their environment through drawing in a variety of media, learn about art concepts, and analyze art works. Students will learn classical drawing techniques and employ the elements and principles of design. (Semester elective for grades 9-12)

Introduction to Studio Art

7409FA

This is an entry-level semester course, which introduces students to studio art. It provides experiences, which are creative and expressive in nature, and focuses on the acquisition and application of drawing and design skills. Students work with a variety of two and three-dimensional materials, style and formats. (Semester elective for grades 9-12)

Intermediate Studio Art

7419FA

This is a full-year studio art course for those students who have previous experience in visual arts. The course develops technical and expressive skills in preparation of the Studio Art AP I course, focusing on drawing and painting from observation, with increasing emphasis on conceptual approaches. Working in a variety of media that includes charcoal, pastel, watercolor, and acrylic, students explore concepts such as figure and ground relationships and surface manipulation, while applying 2-D design principles as well as 3-D design processes. (Full year elective for grades 9-12)

Jewelry and Metal Design I

7519FA

This is an introductory studio course in which the student will learn how to design and fabricate jewelry and small sculpture. Creative and expressive work is fashioned in base and semi-precious metals. Techniques, such as soldering, fold forming, casting and the setting of semi-precious stones are procedurally taught. Throughout the semester the human need to create and wear jewelry for enjoyment and aesthetic notions are explored. (Semester elective for grades 9-12)

Jewelry and Metal Design II

7529FA

This is a continuation of Jewelry and Metal Design I and provides students an opportunity to refine their skills and develop more competence in the area of jewelry design. Students will learn additional skills and apply them to more complex problems involving the design and construction of jewelry and the making of small functional pieces such as spoons, forks, knives, bowls, boxes and more sculptural work. Development of a personal body of work will be emphasized. Prerequisite: Jewelry & Metal Design I. (Semester elective for grades 9-12)

Painting I: Acrylic

7449FA

This course is a semester entry-level studio elective that will provide interested students with experiences in the many aspects of meaning and reality conveyed through painting. Students will draw in a variety of media using drawing as an end in itself, and also as preparation for acrylic paintings. Students will explore the technical and expressive qualities of acrylic paints and brushes. Drawings and paintings will be created which deal with the nature of design and the representation, and interpretation of subjects, themes and ideas. (Semester elective for grades 9-12)

Painting I: Watercolor

7459FA

This is a semester, entry-level studio elective that will provide interested students with experiences in the many aspects of meaning and reality conveyed through painting. Students will draw in a variety of media using drawings as an end in itself and also as preparation for watercolor paintings. Students will explore the technical and expressive qualities of watercolor paints and brushes. Drawings and paintings will be created which deal with the nature of design and the representation and interpretation of subjects, themes and ideas. (Semester elective for grades 9-12)

Painting II

7509FA

This is a continuation of the studio painting courses. It provides an opportunity for serious painting students to further develop the skills learned in a Painting I course. Students will explore traditional painting media (acrylic and watercolor) while



learning about advanced art ideas and art history. Prerequisite: Painting I: Acrylic or Watercolor (Semester elective for grades 9-12)

3D Design

7569FA

This is an introductory class where students will explore, discuss and create artist sculptures. Students can expect from this semester elective to work with a wide variety of art materials and solve art problems that are 3D. Students will investigate ideas pertaining to the space around us, and how we as human beings react to objects in our environment. Students will enjoy looking at masterpieces by famous artists across different time periods and cultures. Opportunities are provided for independent work and specialization in materials use. (Semester elective for grades 9-12)

Studio Art I AP

7410FA

The Studio Art AP course is spread out over two full academic years. In Studio Art I AP, the student selects among the following three portfolios: The Drawing Portfolio, the 2-D Design Portfolio, and the 3-D Design Portfolio. Over the course of the year, the student will develop the Breadth Section of the Studio Art AP Exam Portfolio – works exploring a range of approaches in which the student is asked to demonstrate a serious grounding in visual principles and material techniques. The course will also emphasize the student's ability to recognize quality in her or his own work.

As with college-level art courses, students are required to work outside the classroom, in addition to the scheduled periods, to complete project work. Critiques are an integral part of the course, enabling students to analyze their own work and their peers'. Art historical references will be analyzed and utilized. Students will be required to plan, experiment, complete work for the portfolio and document it for their digital portfolios and portfolio reviews and critiques. Students are also expected to participate in school and community art exhibitions. A summer sketchbook assignment is to be completed before the start of the the class in the fall. It is recommended that the student successfully completes Intermediate Studio Art: Advanced Drawing and Painting as a prerequisite for this course. Students will receive Honors credit for this course. Students who submit a portfolio to the AP College Board for the Exam at the end of Studio Art AP II will receive AP credit for this course. Prerequisite: Previous art class, Teacher Recommendation. (Full year elective for grades 10-12)

Studio Art II AP

7430FA

The Studio Art AP course is spread out over two full academic years. Successful completion of Studio Art I AP is a prerequisite for the Studio Art II AP course. Students will have previously established which of the three portfolios they are working in for the duration of the two years and for submission of their work to the Studio Art AP Exam (Drawing, 2-D Design, or 3-D Design Portfolio). Throughout the course of the year, Studio Art II AP students dedicate themselves to working on the Concentration section of the AP Exam Portfolio. Students are expected to demonstrate a depth of investigation and process of discovery through the creation of a body of work developed around their concentration theme. This concentration should display a visual cohesion or an evolution of an idea and show evidence of artistic growth. Students will investigate various visual concepts based around their concentration and generate a structured plan to facilitate their goals.

Preparation begins mid-year for students submitting images of their artwork to the AP Studio Art Exam using the digital submission web application. As with college-level art courses, students are required to work outside the classroom in addition to the scheduled periods to complete project work. Critiques are an integral part of the course, enabling students to analyze their own work and their peers'. Art historical references will be analyzed and utilized. Students will be required to plan, experiment, complete work for the portfolio and document it for their digital portfolios and portfolio reviews and critiques. Students are also expected to participate in school and community art exhibitions. Concentration work begins over the summer before the start of the class in the fall. Students will receive Honors credit for this course. Students who submit a portfolio to the AP College Board for the Exam will receive AP credit for this course. Prerequisite: Studio Art AP I, Teacher Recommendation. (Full year elective for grades 11-12)

Advanced Portfolio Development (s)

7619FA

Students in this course will spend time honing their advanced artistic skills and putting together a professional portfolio that represents the breadth and scope of their work to aid in college admissions and/or obtaining freelance work. Students will



work with teachers to push their artistic styles as well as learning the skills required to create their portfolio. (Semester elective for grades 10-12)

Advanced Portfolio Development (y)

7629FA

Students in this course will spend time honing their advanced artistic skills and putting together a professional portfolio that represents the breadth and scope of their work to aid in college admissions and/or obtaining freelance work. Students will work with teachers to push their artistic styles as well as learning the skills required to create their portfolio. (Full year elective for grades 10-12)

TV Production

7719FA

This course offers an orientation to television production for students. Basic training on TV studio equipment and portable equipment is provided. Students gain an understanding of the production process. Hands-on training is obtained by producing studio projects in class and working as crew-members for productions in class as well as weekly news broadcasts. (Semester elective for grades 9-12)

Video Production

7729FA

This in-depth course is for students who enjoyed TV Production and who wish to continue studying this creative medium. Students learn to use portable video equipment and computer based editing procedures to produce original and creative films. Projects include music videos, PSAs, short films, etc. Class time is also devoted to editing raw footage into “packages” for an RHS Morning Newscast. Prerequisite: TV Production. (Semester elective for grades 9-12)

Advanced Video Production

7739FA

Students produce in-depth creative videos that include development of skills in field research and video support, script writing, graphics, music, editing and packaging. All projects must be broadcast quality and represent highly developed skills in concept, execution, videography, editing and presentation. In addition, students in Advanced Video Production will collaborate with students in Literature & Film and Advanced Acting to create original short films. Prerequisite: TV Production & Video Production and/or permission of TV teacher or department head is required (Semester elective for grades 10-12)

Technology Education/Applied Arts

In the Technology Education Program students will develop technical, design, production and problem solving skills within the fields of imaging, communication, structure, and technology.

Digital Media

6509PA

(See description under Visual Arts)

Digital Photography

6439PA

(See description under Visual Arts)

Digital Photography II

6449PA

(See description under Visual Arts)

Advanced Digital Photography

6579PA

(See description under Visual Arts)

Graphic Arts I

6109PA

Graphic Arts I is a semester-long course that focuses on the field of communication through printmaking. Hand layout and computer design is introduced and developed throughout the course. Students apply methods of design in type and images to convey a message. Learning activities improve students’ hands-on skills, scheduling techniques and work ethic. Since



silk-screen is the most flexible printing process, this is the major focus of the sequential courses. Students will learn the first process to silk-screening, which will allow them to print to fabric swatches and t-shirts. This course is recommended for creative and mechanically oriented students interested in the communication of images through the world of printing. Professional programs explored include Adobe Photoshop® and Adobe Illustrator®. (Semester elective for grades 9–12)

Graphic Arts II

6169PA

Graphic Arts II is a semester-long course focusing on the continued development of design communications through printmaking. Hand layouts continue to be used to develop original designs. Students will expand their knowledge of Photoshop and Illustrator and will learn the other two processes of silk-screen printing. Through this progression students will learn how to create, develop, and solve design challenges through the most direct and productive means. Learning activities continue to improve students' hands-on skills, scheduling techniques and work ethic. Projects will allow students to print on fabric swatches and t-shirts. This class is recommended for creative and mechanically oriented students interested in the communication of images through the world of printing. Prerequisite: Graphics Arts I. (Semester elective for grades 9-12)

Graphic Arts III

6139PA

Graphic Arts III is a year-long course, which focuses on the continued development and mastery of design communications through both digital designs and printmaking. Design solutions begin with hand layouts and continue through computer work, with a final execution of multi-colored silk-screened images and over-sized prints on a variety of surfaces. Projects will allow students to print on fabric swatches, t-shirts, paper, glass, vinyl or wood. Learning activities continue to improve students' hands-on-skills, scheduling techniques and work ethic. Exposure to professional printing opportunities for RHS activities is introduced. This class is recommended for creative and mechanically oriented students interested in the communication of images through the world of printing. Prerequisite: Graphics Arts I & II. (Full year elective for grades 10-12)

Graphic Arts IV

6149PA

Graphic Arts IV is a year-long course, for the student who is seriously interested in the practical experience and application of graphic art. Each student, with guidance from their art teacher, develops a unique plan to build a portfolio of work that demonstrates quality, experience, a focused theme, style and mastery of technique. Emphasis will be on the student's personal point of view and expression through a series of digital and printed materials. Students are required to plan, experiment, and complete work in order to finalize a portfolio of graphic material highlighting their skills, interests and personality. Continued exposure to professional printing opportunities for RHS activities is introduced. Prerequisite: Graphics Arts I, II & III (Full year elective for grades 11-12)

Media Technology

6249PA

This course is designed to teach students sophisticated methods of collecting, analyzing, assembling and conveying information using 21st Century skills. Students will work with the Mac programs as well as Google apps to bring movies, music and photos into their work. They will learn how to produce podcasts, make and edit basic movies, and build interactive web pages. Students will learn how to bring these multi-media skills into their academic and personal environments. (Semester elective for grades 9-12)

Innovating through Design Thinking

6315PA

Students will engage in a methodology for innovative problem solving that combines both creative and analytical approaches, and which will require collaboration between class members who possess different individual skills. Stanford University calls this process "Design Thinking," which "draws on methods from engineering and design, and combines them with ideas from the arts, tools from the social sciences, and insights from the business world." Students will learn this process together and by year's end apply these skills to real world scenarios. Students will be engaged in activities that address collaboration and communication skills, as well as embracing the insights that can be learned from failure. Not only will students be asked to solve problems, they will be asked to identify and define problems as well.

By the end of the semester, students will work in the field, where they will start by developing empathy for the people they are designing for, and then begin uncovering root problems and finally iterating an unexpected range of possible solutions. This



process will move through five major stages (Empathize, Define, Ideate, Prototype, and Test), stressing that with an open-ended approach to problem solving, viable new solutions can exist for any particular challenge. (Grades 9-12)

Design Thinking Studio: Experiences in Design & Rapid Prototyping**6525PA**

Design Thinking Studio builds on topics and mindsets learned in Innovation Through Design Thinking. Students will engage in real world problem solving through a design thinking process. The fundamental goal of the class is to cultivate the creative, productive and divergent thinking of the students while marrying these mindsets to the production capabilities of the school's makerspace. This will be a project-based class where students will collaborate, experiment, emphasize, visualize, build and infer. This course will provide hands-on introduction in design and fabrication. Emphasis is placed on learning how to use the range of tools within the makerspace to create usable prototypes to test and refine. Fieldwork, collaboration, and teamwork outside of class time are required and critical for student success. (Grades 9-12)

Building and Design I**6535PA**

This project based, hands-on course will teach students to apply principles of design to practical real world applications. Course work will incorporate computer aided software as a tool to generate designs as well as the leveraging the school's machine room to fabricate using a wide range of materials. Students will learn fundamentals of using hand tools, power tools, and digital fabrication tools as they work through their design solutions. (Semester elective for grades 9-12)

Building and Design II**6545PA**

This course builds on the skills learned in Building & Design I, and incorporates project planning, advanced digital fabrication, and community based design. The curriculum is project based and work is split between generating work within CAD software to generate solutions and the school's workspaces to fabricate their designs. This course is recommended for any student interested in the study of Woodworking, Industrial Engineering, or Product Design after high school. (Semester elective for grades 9-12)

Structural Applications III**6399PA**

This is a capstone course with increasingly more difficult projects. The band saw, chip saw, table saw, and wood lathe will be added to power tools already learned in level I & II and safety will continue to be stressed. Contrasting combinations of wood joining techniques and more advanced skills will become part of the diverse project list. Prerequisite: Structural Applications I & II (Full year elective for grades 9-12)

Interactive Design (Introduction to Electricity, Electronics, & Coding)**6555PA**

Students will study the many elements of electricity, electronics, and coding through interactive lab activities and projects. Students will learn and understand basic circuitry, construct circuit boards, electrical schematics, and execute basic coding applications. (Semester elective for grades 9-12)

Robotics**6565PA**

This course will introduce students to the ever growing field of robotics with the ultimate goal of building a mobile robot. Students will learn about the VEX robotics systems, digitally 3D model and program robots prior to building them, and then construct their robots with motors, gears, sensors, and write the programming to operate them. Students should complete Fabrication and Design, as well as Introduction to Electricity, Electronics, & Coding. (Semester elective for grades 9-12)

Real World Engineering**6575PA**

This course integrates Science, Technology, Engineering and Math (STEM) by way of hands-on, real-world activities. Using the case study approach, students work in Design/Build Teams to solve engineering problems. Teams use computers to research, design, test, organize information, and receive feedback for design solutions. Students will study four major engineering case studies including structures, transportation, auto safety, and flight. In each case study students will utilize Computer-Aided Drafting (CAD) to create and build projects. (Full-year elective for grades 9-12)



Yearbook Production I

6489PA

This is a semester course for sophomores through seniors that introduces students to the yearbook production process. This class provides a curriculum for students with a high interest in the development of a journal documenting high school academics, sports and extra-curricular activities, as well as monumental moments and achievements. Students will learn the basics of yearbook journalism, including theme, pagination, coverage, copy-writing, design, photography, finance and distribution. Students will also be introduced to and use Herff Jones yearbook design software in addition to Adobe Photoshop and Adobe Illustrator.

Yearbook Production II

6499PA

This is a semester course for sophomores through seniors that will continue to explore the topics introduced in Yearbook Production I. Students will continue to be involved in the production of the school's yearbooks; applying the skills they have learned in level I, but now at a more advanced level. Students will delve deeper into the basics of yearbook journalism, including theme, pagination, coverage, copy-writing, design, photography, finance and distribution. Students will also be able to continue to expand their capabilities using Herff Jones software, Adobe Photoshop, and Adobe Illustrator, as well as playing a greater role in meeting production deadlines. Prerequisite: Yearbook Production I.

Yearbook Production II Honors

6498PA

This is a semester course for sophomores through seniors that will continue to explore the topics introduced in Yearbook Production I (which is a prerequisite for this course). Students will continue to be involved in the production of the school's yearbooks, applying the skills they have learned in level I, but now at a more advanced level. Students in this section of Yearbook Production are expected to take on leadership positions, take an active role in organizing and managing time constraints to meet production deadlines, as well as putting time in outside of the classroom to complete various managerial and production tasks. Prerequisite: Yearbook Production I & teacher recommendation.

Yearbook Management

6492PA

This is a yearlong course for juniors and seniors that is directed at students who would like to be directly involved with the management of the school's yearbooks. This spans creation, development, production, and distribution. Students in this course are expected to take on leadership positions, take an active role in organizing and managing time constraints to meet production deadlines, as well as putting time in outside of the classroom to complete various managerial and production tasks. Prerequisite: Yearbook & Journalism Production classes; teacher recommendation; application process.

Journalism Production I

6329PA

This is a full year course for sophomores through seniors. The fall semester will be utilized to introduce students to the fields of yearbook journalism and to prepare students for work on the underclass and senior yearbook. Basic composition and computer skills are a prerequisite. Instructional topics related to print journalism include: ethics; interviewing and research skills; theme development; lead writing; editing; and business skills. Students will also be introduced to and use the Herff Jones' software eDesign® in addition to Adobe Photoshop® in order to design, layout and publish the yearbook. (Full year elective for grades 10-12).

Journalism Production II

6339PA

This is a full year course in which students continue to develop and hone journalistic and artistic skills related to yearbook design, and production learned in Journalism Production I. Successful completion of Journalism Production I is a prerequisite. Students will utilize class periods to collaborate with peers to: layout, edit, proofread, and copy-edit the senior and underclass yearbooks; and take care of advertising, sales, and other business matters related to the yearbook. (Full year elective for grade 10-12).

Interdisciplinary Courses – Art & Music

The Visual/Practical/Performing Art Department offers courses which integrate art and music with U.S. History, Literature and Technology.



American History & Literature with Integrated Study in the Arts

7319FA

This is an interdisciplinary course that creatively integrates study in the fine and performing arts with a strong academic focus on the study of both history and literature. With instructors from the English, History, and Visual/ Performing Art departments, students will explore the complex interrelationship between history and literature not only through traditional means, but also through exposure to and analysis of the visual, musical and theatrical work of the various time periods. Students will be expected to demonstrate their growing knowledge through the creation of visual art, musical compositions, creative writing, dance or theatrical performances that both intellectually and artistically assimilate and synthesize historical and literary material. The honors level course meets the requirements of U.S. I, U.S. II, English 10 and English 11. Students participate for two years. Art and music instructor visit English and History classes to coordinate the arts with historical periods and works of literature.

Music

The study of music at Ridgewood High School includes full-year courses for the performing musician, as well as semester courses for the music enthusiast. The goals of the music performance program include individual development, ensemble development, aesthetic awareness and public performance. Students registering for performance classes must perform a placement prior to registration. The student accepts the in school and out-of-school obligations of participation as integral components of his or her cohesive experience in the study of music. There are numerous co-curricular opportunities open to students who are registered in music performance classes including vocal and instrumental chamber music ensembles, jazz ensembles, solo performance, and educational travel. All members of the band program are encouraged to participate in Marching Band as an important part of the total band experience.

In the area of music performance, students who participate in a curricular ensemble for their entire scholastic career at RHS will earn recognition for “Honors in Music Performance.” Those seniors whose music experience culminates at the most advanced level will receive “Honors in Music Performance with Distinction.”

Non-performance courses within the Music Department are designed to provide students with the opportunity to study music from a historical, compositional, and/or technological approach.

Students who contemplate continuing the study of music at a college level are encouraged to register for a full-year course in Music Theory.

Introduction to 21st Century Music Production

7099MU

This semester course (9th to 12th grade) gives students an overview of current music composition and production software, and hands-on experience with microphones and sound reinforcement technology. Through a project-based course of study, students gain an understanding of song writing and the song production process.

Advanced 21st Century Music Production

7090MU

Advanced 21st Century Music Production is a semester course, grades 9-12, which gives students a hands-on experience in the world of industry standard music technology. The course will give an overview in current music composition, production software, microphones and sound reinforcement technology. Through a project-based course of study, students will further their skills and understanding of the song production process from the Introduction to Music Production course. (Pre-requisite: Completed “Introduction to 21st Century Music Production”)

Music Rewind

7089MU

This semester course (9-12 grade) is a retrospective class covering a broad range of musical history and musical terminology. Students study genres and contemporary music as well as learning music terminology and how music is created. Students work backwards through time searching for connections and themes within music.



Music Theory AP

7140MU

This course is designed for the serious music student. It is structured to prepare the student for the Advanced Placement exam in Music Theory and college academic music classes, such as one would encounter as part of a music major curriculum. A thorough knowledge of musical scales and the ability to read standard musical notation well are necessary prerequisites. Enrollment in this course requires consultation with and the approval of the instructor. (Full year elective grade 12)

Symphonic Band

7009MU

This is a full year course open to students in grades 9, 10, 11 and 12 possessing beginning to intermediate skills on woodwind, brass, and percussion instruments. The Symphonic Band focuses primarily on developing skills in rhythm, pitch, tone and intonation. Students study music through the use of method books, exercises and appropriate concert selections. Performances are culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement.

Concert Band

7019MU

This is a full year course open to students in grade 9, 10, 11 and 12 possessing intermediate skills on woodwind, brass and percussion instruments. An audition and the permission of the instructor is required to register for this course. Students in Concert Band study and perform music of an intermediate level (Grade III and IV) with emphasis on developing technical ability, characteristic tone, and knowledge of phrasing. Performances are culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement.

Wind Ensemble

7029MU

This is a full year course open to students in grades 9, 10, 11 and 12. It is designed for woodwind, brass and percussion students with advanced technical abilities who wish to broaden their musical knowledge and improve their performance level. Membership in the Wind Ensemble is determined by audition and recommendation of the instructor. The Wind Ensemble studies and performs music on an advanced level (Grades V and VI) with emphasis on developing musical maturity appropriate to college and professional level music literature. Members of the Wind Ensemble may audition for woodwind, brass and percussion parts in the Chamber Orchestra. Performances are culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement.

Chorale

7219MU

This is a full year course that emphasizes the singing of choral music in multiple parts. It is open to students in grades 9, 10, 11 and 12 and any student may enroll in this course. A broad spectrum of choral literature is studied that stresses vocal development, sight-singing and choral ensemble technique. Performances are culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement.

Concert Choir

7239MU

This is an intermediate full year course that emphasizes the singing of choral music in four parts (SATB). It is open to students in grades 9, 10, 11 and 12. A broad spectrum of choral literature is studied that stresses vocal development, sight-singing and choral ensemble technique. Enrollment is determined by audition and recommendation of the instructor. Performances are culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement.

Treble Choir

7269MU

This is an intermediate full year course that emphasizes the singing of choral music in four parts (SSAA). It is open to students in grades 9, 10, 11 and 12. A broad spectrum of choral literature is studied that stresses vocal development, sight-singing and choral ensemble technique. Enrollment is determined by audition and recommendation of the instructor. Performances are culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement.



Chamber Choir

7249MU

This is a full year course designed for students who have developed intermediate to advanced technical skills in sight singing, ear training, vocal technique and choral part-singing. Enrollment is determined by audition and recommendation of the instructor and is open to students in grades 10, 11 and 12. Students accept the performance calendar as a condition of participation and as part of the course requirement. The choral literature is varied and challenging, spanning hundreds of years, and with the ensemble singing in many different languages, styles, and in four or more parts.

Symphonic Orchestra

7049MU

This instrumental music ensemble is designed for students in grades 9, 10, 11 and 12 who play violin, viola, cello, and bass, and represents the next logical step in the orchestra program sequence following the middle school orchestra experience. This course emphasizes the development of skills in rhythm, pitch, tone, intonation, and balance while introducing and reinforcing the techniques and strategies necessary to read and perform music written using traditional notation. Students study music through the use of method books, exercises, and appropriate concert selections up to level 3. Performances are culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement. Students must perform an assessment for the instructor prior to registration. (Full year elective grades 9-12)

Concert Orchestra

7039MU

This instrumental music ensemble is designed for students in grades 9, 10, 11 and 12 who play violin, viola, cello, and bass, and represents the next logical step in the orchestra program sequence following the Symphonic Orchestra experience at RHS. This course emphasizes the development of technical ability, characteristic tonality, and knowledge of phrasing, and provides exposure to more complex rhythms and harmonies. Pitch, tone, intonation, and balance remain important areas of study. Students study music through the use of exercises and appropriate concert selections up to level 4.5. Performances are culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement. Students must perform an assessment for the instructor prior to registration. (Full year elective grades 9-12)

Chamber Orchestra

7059MU

This instrumental music ensemble is designed for students in grades 9, 10, 11 and 12 who play violin, viola, cello, and bass, and follows the Concert Orchestra as the highest level of musical attainment within the orchestra curriculum at RHS. This course emphasizes the development of technical ability and musical maturity appropriate to college and professional music ensembles. Students study music through the use of exercises and appropriate concert selections up to level 6. Members of the Wind Ensemble may audition for the woodwind, brass, and percussion parts of the Chamber Orchestra. Performances are culminating experiences without equivalent substitutes. Students accept the performance calendar as a condition of participation and as part of the course requirement. Students must perform an assessment for the instructor prior to registration. (Full year elective grades 9-12)

Independent Study

Music Mentors Honors

7259MU

Music Mentors is a full year independent study course in music performance available to sophomores, juniors, and seniors who have had at least one year of experience in a curricular music ensemble and who are currently enrolled in an advanced performing group (Chamber Choir, Chamber Orchestra, Wind Ensemble). Music Mentors will attend entry or intermediate level classes at least one time during each four-day sequence and will assist less experienced musicians in the areas of technique, musicianship, and developing sound practice habits. Mentors will meet regularly with the instructor for pedagogical training sessions and to review the needs of the mentored students. Assessment will be based upon attendance, effectiveness of demonstration and clear communication of the subject knowledge. Permission of the instructor is required to enroll in this course. (Full year elective grades 10-12)



Dance & Theatre

Dance I

7149MU

This is a performance-based class for grades 9-12 that provides an opportunity for students with a variety of skill levels to work as a Company and explore the beginnings of American modern dance up through today's choreographers. Students are expected to participate in daily warm-up exercises, show attitude and energy appropriate for artful dance and collaborate with other members of the class in preparation for the Dance Concert held at the end of each semester. Students accept the performance calendar as a condition of participation and as part of the course requirement. Dance may be taken as an elective for one or more semesters and can satisfy a physical education credit for seniors.

Dance II

7129MU

This is a performance-based class for grades 9-12 which focuses on intermediate level skills in ballet and modern dance technique, as well as world dance. Students are expected to participate in daily warm-up exercises, show attitude and energy appropriate for artful dance and collaborate with other members of the class in preparation for the Dance Concert held at the end of each semester. Students accept the performance calendar as a condition of participation and as part of the course requirement. Dance may be taken as an elective for one or more semesters and can satisfy a physical education credit for seniors.

Advanced Dance

7139MU

This is a performance-based class for grades 9-12 which focuses on higher level skills in ballet and modern dance technique, as well as world dance. Students are expected to participate in daily warm-up exercises, show attitude and energy appropriate for artful dance and collaborate with other members of the class in preparation for the Dance Concert held at the end of each semester. Students accept the performance calendar as a condition of participation and as part of the course requirement. Dance may be taken as an elective for one or more semesters and can satisfy a physical education credit for seniors.

Acting I

7189EN

This is an introductory course designed to help students develop an awareness of what it means to be an actor. Focusing on basic techniques, the course will include voice and movement work, theatre games, improvisation, and sense memory exercises. Students will learn how to make their actions and dialogue believable by concentration on motivation and attention to detail. All students will work on scenes and monologues during the course of the semester, which will be performed at the end of the semester. Acting I may be applied towards student's Performing Arts requirement, not English credit. (Semester elective for grades 9-12)

Advanced Acting

7199EN

This course, which may be taken for one or more semesters, builds on the foundation established in Acting I and introduces students to more sophisticated acting techniques. Students will work on scenes and monologues from contemporary and classic plays, and will have the opportunity to perform in and direct scenes to be presented at the end of the semester. In addition, students in Acting II will collaborate with students in literature & Film and TV Production III to create original short films. Students enrolling in Acting II must first take Acting I or receive permission from the teacher. Acting II may be applied towards students' Performing Arts requirement, not English credit. (Semester elective for grades 9-12)



WELLNESS

COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES	PREREQUISITE
DEPARTMENT OF WELLNESS							
Health/Physical Education							
Wellness 9		College Prep		Full Year		9	
	<ul style="list-style-type: none"> • Health 9A • Freshmen Fitness • Health 9B • Project Adventure I 			1 Qtr	1.25		
				1 Qtr	1.25		
				1 Qtr	1.25		
				1 Qtr	1.25		
Wellness 10		College Prep		Full Year		10	
	<ul style="list-style-type: none"> • Driver's Education • Strength and Conditioning I • Health 10 • Project Adventure II 			1 Qtr	1.25		
				1 Qtr	1.25		
				1 Qtr	1.25		
				1 Qtr	1.25		
Wellness 11		College Prep		Full Year		11	
	<ul style="list-style-type: none"> • Health 11 • Junior Physical Ed Activities • Yoga & Stress Management • Strength & Conditioning II 			1 Qtr	1.25		
				1 Qtr	1.25		
				1 Qtr	1.25		
				1 Qtr	1.25		
Wellness 12		College Prep		¾ Year		12	
	<ul style="list-style-type: none"> • First Aid & Safety • Senior Physical Ed Activities • Senior Wellness 			1 Qtr	1.25		
				1 Qtr	1.25		
				1 Qtr	1.25		



Wellness Program

The Wellness Program is a comprehensive curriculum for grades 9 through 12. The curriculum structure is designed to integrate the learning experiences inherent in our health education, physical education, safety education and family and consumer science learning programs.

The primary goal of the Wellness Program is to provide opportunities for students to gain the knowledge and experiences necessary to develop attitudes and practices to make informed decisions that will help them develop and maintain good health practices while living safely in a constantly changing environment.

The successful completion of the Wellness Program is a graduation requirement for all students. As a significant part of the Wellness Program's Core Curriculum, the successful completion of all health education units is critical to meeting the above requirement.

9th Grade Wellness: The Core Wellness curriculum for 9th grade students will include the following units:

- Health 9A
- Freshmen Fitness
- Health 9B
- Project Adventure I

10th Grade Wellness: The Core Wellness curriculum for 10th grade students will include the following units:

- Driver's Education
- Strength & Conditioning I
- Health 10
- Project Adventure II

11th Grade Wellness: The Core Wellness Curriculum for 11th grade students will include the following units:

- Health 11
- Junior Physical Education Activities
- Yoga & Stress Management
- Strength & Conditioning II

12th Grade Wellness: The Core Wellness Curriculum for 12th grade students will include the following units:

- First Aid & Safety
- Senior Physical Activities
- Senior Wellness



Grading

All Wellness units are full year courses. Quarterly letter grades in all Wellness units will be determined by the student's level of academic performance and participation. The final grade will be determined by the cumulative average of all health and physical education unit grades.

The Wellness Lifestyle units of study reflect the core wellness curriculum at each grade level. Teachers will adjust the instructional delivery model to meet the unique learning styles of designated students.

New Jersey State Law requires Health and Physical Education in each of the secondary grades. The primary goal of Health and Physical Education is to provide opportunities for students to gain knowledge and develop attitudes and practices necessary to meet the health needs of youth and society. A most important aspect in a student's life, or any individual's life, is the development and maintenance of good health and learning to live safely in a constantly changing environment. The health curriculum is designed to meet the above objectives.

Health Education

The Health Education Instructional Program has, as its foundation, a common core of learning experiences for all students, as well as an opportunity to elect from areas of personal interest. Instructional units will include sequential progression, performance objectives and prescribed formative and cumulative assessments.

Health 9 A & B

Health 9 A & B place emphasis on the topics of substance abuse prevention education and family living. The importance of good decision-making and problem solving techniques are stressed. The family living unit will include physical development, social development, reproductive anatomy and contraception.

Health 10

This unit explores the causes, prevention and treatment of cardiovascular disease, cancer and infectious diseases. Infectious diseases such as influenza, meningitis and sexually transmitted infections are covered with the goal of developing decisive personal skills. Chronic diseases such as heart disease and cancer are studied with the goal of achieving life styles that will help prevent the progression of disease. Substance abuse and nutrition information is included as it relates to these disease topics.

Health 10 RAHP will reflect the regular core curriculum requirements for the Ridgewood High School Wellness Program. There will be appropriate adjustments in the curriculum delivery model in order to accommodate off-campus visits and other RAHP specific program requirements.

Driver's Education

This unit is geared towards developing thoroughly trained, skillful and well-informed drivers of safe and courteous attitudes towards the use of the automobile. Heavy emphasis is placed on alcohol, drugs and driving. The psychological and physiological aspects of the operation of the motor vehicle are covered.

Drivers Education RAHP will reflect the regular core curriculum requirements for the Ridgewood High School Wellness Program. There will be appropriate adjustments in the curriculum delivery model in order to accommodate off-campus visits and other RAHP specific requirements.



Health 11

This is a mental health unit that includes work to enhance personal and interpersonal life skills. Self-esteem issues, inclusive of eating disorders, depression, and the cognitive, emotional, behavioral and social needs of individuals, groups and families. There is also an emphasis on suicide prevention. The impact of nutrition and substance abuse on mental health is also studied.

RAHP Health 11 unit will reflect the regular core curriculum requirements for the Ridgewood High School Wellness Program. There will be appropriate adjustments in the curriculum delivery model in order to accommodate off-campus visits and other RAHP specific requirements.

Health 12 -- First Aid & Safety

This course is a standard first aid course that covers basic first aid, CPR, and the use of an AED. This course teaches students critical skills needed to respond to and manage an emergency until emergency medical services arrives. Skills covered in this course include first aid; choking relief in adults, children and infants; and what to do for sudden cardiac arrest in adults, children, and infants.



Physical Education

The Physical Education Instructional Program has, as its foundation, a common core of learning experiences for all students, as well as an opportunity to elect from areas of personal interest. Instructional units will include sequential progression, performance objectives, and prescribed formative and cumulative assessments.

As a significant part of the Wellness Program's Core Curriculum, the successful completion of all physical education units is critical to meeting the above requirement.

Physical Education Assessment Areas

- Skill Demonstrated
This will include individual skills evaluation and teacher observation of participation in an activity. Attention will be given to student progress, as well as performance level attainment.
- Knowledge Demonstrated
This will be determined through teacher observation and when appropriate, practical or written testing procedures. Students will be evaluated on their ability to apply rules, game strategies, and health concepts.
- Attitude Demonstrated
Attitudes displayed in the areas of effort, cooperation and participation will be evaluated on a continuing basis throughout each course. Students will be expected to be dressed in a change of clothing deemed appropriate for the activity.
- Fitness Level Maintained
The Ridgewood Physical Education Program is based on the motto, "Win With Wellness". All students attending Ridgewood High School are expected to maintain high levels of personal fitness. Their effort toward this end will be an integral portion of their letter grade in all physical education courses.

Grading

Quarterly letter grades in physical education will be determined by the student's level of performance with an emphasis on individual progress. Semester grades will be determined by the cumulative average of their health and physical education quarter grades.

Adaptive Physical Education

As the core program is required for all freshmen, sophomores and juniors, students must receive passing grades in these courses before moving into the elective program. Students who are legitimately unable to participate in the physical activity segments of the Physical Education Core Curriculum may be assigned to Adaptive Physical Education or an independent study project for which they will be graded. These requirements are based on the philosophy that if a student is capable of attending classes at Ridgewood High School, we can help design a program to meet their needs.



WORLD LANGUAGES

COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES	PREREQUISITE
DEPARTMENT OF WORLD LANGUAGES							
MODERN							
5154FL	Chinese I	College Prep		Full Year	5.0	9-12	None
5254FL	Chinese II	College Prep		Full Year	5.0	10-12	Chinese I
5352FL	Chinese III	Honors		Full Year	5.0	10-12	Chinese II
5452FL	Chinese IV	Honors		Full Year	5.0	11-12	Chinese III Honors
5124FL	French I	College Prep		Full Year	5.0	9-12	None
5224FL	French II	College Prep		Full Year	5.0	9-12	French I
5322FL	French III	Honors		Full Year	5.0	10-12	French II
5422FL	French IV	Honors		Full Year	5.0	11-12	French III Honors
5522FL	French V	Honors		Semester	2.5	11-12	French IV Honors
5520FL	French V	AP		Full Year	5.0	11-12	French IV Honors
5144FL	German I	College Prep		Full Year	5.0	9-12	None
5244FL	German II	College Prep		Full Year	5.0	9-12	German I
5342FL	German III	Honors		Full Year	5.0	10-12	German II
5442FL	German IV	Honors		Full Year	5.0	11-12	German III Honors
5134FL	Spanish I	College Prep		Full Year	5.0	9-12	None
5234FL	Spanish II	College Prep		Full Year	5.0	9-12	Spanish I
5334FL	Spanish II Advanced	College Prep		Full Year	5.0	9-12	Gr. 8/Spanish I Teacher Rec
5331FL	Spanish III	College Prep		Full Year	5.0	10-12	Spanish II
5332FL	Spanish III	Honors		Full Year	5.0	10-12	Spanish II Teacher Rec
5434FL	Spanish IV	College Prep		Full Year	5.0	11-12	Spanish III CP or Spanish III Honors Teacher Rec
5432FL	Spanish IV	Honors		Full Year	5.0	11-12	Spanish III Honors Teacher Rec
5532FL	Spanish V	Honors		Full Year	5.0	11-12	Spanish IV Honors
5530FL	Spanish V	AP		Full Year	5.0	11-12	Spanish IV Honors
5911FL	Spanish Cultures and Conversation I	College Prep		Full Year	5.0	10-11	None
5912FL	Spanish Cultures and Conversation II	College Prep		Full Year	5.0	11-12	Spanish Cultures and Conversation I
5914FL	American Sign Language I	College Prep		Full Year	5.0	11-12	Teacher Recommendation
CLASSICAL							
5114FL	Latin I	College Prep		Full Year	5.0	9-12	None
5214FL	Latin II	College Prep		Full Year	5.0	9-12	Latin I
5312FL	Latin III	Honors		Full Year	5.0	10-12	Latin II
5412FL	Latin IV	Honors		Full Year	5.0	11-12	Latin III Honors
5510FL	Latin V	AP		Full Year	5.0	11-12	Latin IV Honors
5362FL	Classical Cinema	Honors		Full Year	5.0	11-12	Successful Completion (C+) of Latin III Honors



World Languages

The Ridgewood Public Schools World Languages program instills an understanding of the importance and benefits of communicating in a non-native language. Content is organized contextually and thematically around authentic, real-world applications in order to maximize student engagement and retention. Students develop an appreciation, awareness and respect for international cultures, values and perspectives. Individuals are taught to communicate in order that they may remain life-long users of the language and productive, conscientious global citizens.

Modern

Level I

French	5124FL
Spanish	5134FL
German	5144FL
Chinese	5154FL

Level I is an introduction to the oral and written forms of the language. Emphasis is placed on communication skills, using basic vocabulary in authentic, everyday situations. Audio-visual aids and activities completed in the Language Lab and on Chromebooks are integral to the learning process. Guided writing and simulation activities assist students in the mastery of basic language concepts.

Level II

French	5224FL
Spanish	5234FL
German	5244FL
Chinese	5254FL

Level II continues the emphasis on vocabulary development, listening, reading comprehension skills, as well as the use of correct grammar and syntax. Students converse in the chosen language and complete more reading and writing activities. Activities strengthen pronunciation and intonation patterns and expand writing skills. Language and structure are studied within a cultural context that focuses on geography, customs and nuances of language. Prerequisite: Successful completion of Level I or admission by placement test.

Level II Advanced

Spanish	5334FL
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This year-long, college prep course is intended for grades 9-12. Spanish II Advanced continues the emphasis on vocabulary development, listening, reading comprehension skills, as well as the use of correct grammar and syntax. Spanish II Advanced will offer a greater emphasis on the speaking and writing domains than Spanish II, in order to successfully prepare capable students for Spanish III Honors and beyond. As with Spanish II, Spanish II Advanced will offer structure studied within a cultural context that focuses on geography, customs and nuances of language. Prerequisite: placement by Spanish Level I HS teachers and Spanish Grade 8 MS teachers.

Level III

Spanish	5331FL
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Level III continues to emphasize vocabulary development, listening, reading comprehension skills, as well as the correct grammar and syntax. Students will learn fluency in their chosen language through reading and writing activities that will



continue to strengthen their already developed foreign language skills. Language and structure will continue to be studied within a cultural context that focuses on geography, customs, and nuances of language, with an increased emphasis placed on the use of idioms, the mastery of tense usage, and on the enhancement of independent writing skills. Prerequisite: Successful completion of Level II.

Level III Honors

French	5322FL
Spanish	5332FL
German	5342FL
Chinese	5352FL

Level III focuses on the continued development of fluency, reading of authentic text, development of conversational ease, and understanding and use of more complex grammatical structures. Increased emphasis is placed on the use of idioms, on the mastery of tense usage, and on the enhancement of independent writing skills. Prerequisite: Successful completion of Level II or admission by placement test.

Level IV

Spanish	5434FL
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This year-long college prep course is intended for grades 11 and 12. Spanish IV, while considered an advanced language course, will operate at a college prep level of instruction. The percentage of class time conducted in the target language, and speaking and writing assignments will be specifically tailored to suit the learning needs of this audience. Prerequisite: Successful completion of Spanish III.

Level IV Honors

French	5422FL
Spanish	5432FL
German	5442FL
Chinese	5452FL

Level IV is an advanced course that stresses oral/aural proficiency, the ability to manipulate language structures, to define vocabulary, identify derivations, to use grammar functionally and accurately, to understand written text, to think in the chosen language, and complete original writing with reasonable facility. Prerequisite: Successful completion of Level III Honors or admission by placement test.

Spanish V Honors	5532FL
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This course continues the emphasis on communication skills and cultural understanding introduced in prior study and offers students the opportunity to extend and refine their knowledge of the Spanish language and the Hispanic world through the exploration of contemporary, thematic content. This “capstone” offering, taught exclusively in Spanish, provides exposure to a variety of current social, political and cultural concepts germane to Spain and Latin America. The curriculum incorporates interdisciplinary connections through the integration of art, music, literature, technology and current events. Prerequisite: Successful completion of Level IV Honors or admission by placement test.

French V Honors	5522FL
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This course continues the reinforcement of all communication skills within a contemporary setting. Students perfect and extend skills acquired in previous study while assimilating new content. This thematically organized course is for students who wish to continue their study of French, but who do not want a college level language course. Prerequisite: Successful completion of French IV Honors or admission by placement test. (offered as Fall term semester course)



French V Advanced Placement
Spanish V Advanced Placement**5520FL**
5530FL

This course prepares students for the Advanced Placement Exam administered in May. Course objectives include comprehension of spoken language in a wide variety of contexts and topics, comprehension of written text, fluent speech and effective writing. Prerequisite: Successful completion of French IV Honors or Spanish IV Honors.

Spanish Cultures and Conversation I**5911FL**

The study of world languages and cultures is essential for the understanding of the global community. The Spanish Culture and Conversation I course is designed specifically for the student whose needs are such that he/she will have a greater opportunity for success with moderate modifications in a small group instructional setting. Emphasis will be on involving the student as an active learner and teaching strategies to introduce the Spanish language.

Spanish Cultures and Conversation II**5912FL**

The study of world languages and cultures is essential for a working understanding of the global community. The Spanish Culture and Conversation II course is designed specifically for the student whose needs are such that he/she will have a greater opportunity for success with moderate modifications in a small group instructional setting. Emphasis will be on involving the student as an active learner and teaching strategies to introduce the Spanish language. Prerequisites: Successful completion of Spanish Cultures I.

American Sign Language I**5914FL**

This year-long, college prep course is intended for grades 11-12. ASL offers students the opportunity to study ASL as well as the history and culture of the American Deaf Community. Students communicate in this visual-gestural language with its own vocabulary, grammar, idioms, and syntax. Students participate in an in-depth study of a variety of sign systems and modes of communication used within the Deaf community. Prerequisite: Teacher recommendation.

Classical

Latin I**5114FL**

This is an introduction to the forms of grammar to be mastered in a Latin reading course. Emphasis is on word derivation and vocabulary acquisition. Students study ancient Mediterranean life, culture and customs via readings about a Roman family in A.D. 80.

Latin II**5214FL**

This course reviews Latin I concepts with a continued emphasis on the mastery of Latin grammar and syntax, essential to reading and comprehension. Important aspects of everyday life, education, sports, entertainment and religion are analyzed through Latin readings. Famous Roman myths and legends are introduced. Prerequisite: Successful completion of Latin I.

Latin III Honors**5312FL**

This course continues the study of Latin syntax and Roman culture. The course allows students to read extensively the prose works of Roman authors using only primary sources in Latin. Grammar, syntax, vocabulary and derivatives are reviewed and extended through selections from Eutropius, Cicero, Caesar, Pliny, Suetonius, and Ovid. The life and times of Cicero are discussed using orations and selected letters. Prerequisite: Successful completion of Latin II.

Latin IV Honors**5412FL**

This course features readings in Latin poetry focusing on mythology in the Augustan age. Students will read original works of Ovid, Catullus, Horace, and Vergil, and selected sight passages. The essential elements of poetry will be examined, including scansion, figures of speech, etymology and grammar, with an emphasis on literary analysis in discussion and writing. Prerequisite: Successful completion of Latin III Honors.



Latin V Advanced Placement

5510FL

This course completes the Latin course of study. The course follows the AP syllabus, focusing on Vergil's *Aeneid* and Caesar's *Gallic Wars*. Reading, understanding and interpreting Latin literature in preparation for the Advanced Placement Examination in May is the goal. A variety of readings, both prose and poetry, are presented as a supplement. Prerequisite: Successful completion of Latin IV Honors.

Classical Cinema

5362FL

This honors level, full year World Language course is intended for grades 11 and 12. Over time, dozens of films have been produced that demonstrate a variety of aspects of classical civilization. From mythology to political history, directors have taken on numerous projects that effectively and creatively capture the classical world. Films truly exemplify the old adage that "A picture is worth a thousand words," and this is especially true for students of the classics who are eternally curious about the look and feel of the ancient world. Prerequisites: successful completion (C+or higher) of Latin III Honors.



ALTERNATIVE PROGRAMS

School to Careers (6009PA)

This is a vocational-technical education program by which students receive work-based instruction through written cooperative arrangements between the Ridgewood school district and employers. This instruction includes required academic courses and related vocational and technical education instruction, by alternation of study in school with paid employment in an occupational field. This alternation is planned and supervised by the district and employer so that each contributes to the education and employability of the individual. Students enrolled in the program receive up to 10 credits for employment and 5 credits for a required related class. Under this program, students attend school classes for half a day and are employed at least 15 to 34 hours per week under supervised conditions at state approved work stations. (Enrollment by permission of program coordinator and guidance counselor for students in grades 11 and 12, Elective 10-15 credits.)

Structured Learning Experience (SLE)

Structured Learning Experiences are experiential, supervised educational activities designed to provide students with exposure to the requirements and responsibilities of specific job titles or job groups, and to assist them in gaining employment skills and making career and educational decisions. A structured learning experience may be either paid or unpaid, depending on the type of activities in which the student is involved. Structured learning experiences may include, but are not limited to:

- (1) Apprenticeships;
- (2) Community service;
- (3) Cooperative education;
- (4) Internships;
- (5) Job shadowing;
- (6) School-based enterprises;
- (7) Volunteer activities;
- (8) Vocational student organizations; and
- (9) Work Experience Career Exploration Program (WECEP)

Satellite AM (0619SP) or PM (0629SP)

This program at Bergen County Technical Education Center in Paramus, offers a half-day, shared time program in technical education for students who have expressed an interest in developing specific work skills for entrance into the workplace or a post-secondary education trade based program. Students interested in the Satellite program have typically demonstrated a preference for hands-on learning experiences. Interested students usually begin the Satellite program in ninth or tenth grade but may enter into *some* areas as late as eleventh grade. The program begins with career exploration during which students rotate through a variety of shop experiences in areas, such as culinary arts, information technology, graphic design, automotive technology, collision repair, healthcare, landscaping, cosmetology, skincare, green building trades, small animal care, and graphic design. As they continue into eleventh and twelfth grade, students are placed in specific shops as majors. Students attend Satellite up to half of each school day; the remainder is spent at Ridgewood High School for academic instruction. Bergen County Technical Education Center offers a competency-based curriculum developed by experienced trade teachers and advisory committees, and is designed to provide students with marketable skills.



TRANSITIONAL PROGRAMS

The Transitional Program at Ridgewood High School addresses the transition needs of special education and mainstream students. It consists of a number of support services that assist the student in achieving success and independence in school, at home, in career, and in the community. A study skills course, career education classes, career-counseling sessions, interest inventories, career fairs, job shadowing internship, self-advocacy groups, and workshops serve to better prepare students for the success in school as well as the adult professional world.

Academic Enrichment (9039SP)

Academic Enrichment is a semester, elective course for ninth grade students. The course will offer instruction in study skills, organization strategies, goal setting, and time management techniques. Students will gain strategies to be successful in their core academic courses. There will be a focus on test-taking, note-taking, and general study techniques. Overall, students will acquire and implement skills to be effective life-long learners.



SPECIAL PROGRAMS

COURSE CODE	COURSE TITLE	COURSE WEIGHT	TERM DURATION	CREDIT	OPEN TO GRADES
SPECIAL EDUCATION					
RESOURCE CENTER*					
9039SP	Academic Enrichment	College Prep	Semester	2.5	9
9326SP	Algebra I	Survey	Full Year	5.0	9-12
9336SP	Geometry	Survey	Full Year	5.0	10-12
9346SP	Algebra II	Survey	Full Year	5.0	11-12
9348SP	Advanced Mathematics Applications	Survey	Full Year	5.0	12
9428SP	Biology	Survey	Full Year	5.0	10-12
9438SP	Chemistry	Survey	Full Year	5.0	10-12
9458SP	Physics	Survey	Full Year	5.0	10-12
9116SP	English 9	Survey	Full Year	5.0	9
9414SP	Environmental Science	Survey	Full Year	5.0	9-10
9126SP	English 10	Survey	Full Year	5.0	10
9136SP	English 11	Survey	Full Year	5.0	11
9146SP	English 12	Survey	Full Year	5.0	12
9808SP	Adaptive Physical Education	Survey	Full Year	5.0	9-12
9236SP	United States History I	Survey	Full Year	5.0	10-12
9246SP	United States History II	Survey	Full Year	5.0	11-12
9216SP	World History	Survey	Full Year	5.0	9-12
SUPPLEMENTAL					
	Grades 9-12		Fall Semester		9-12
	Grades 9-12		Spring Semester		9-12

*Courses are structured as customary programs with modifications in accordance with students' Individual Educational Plans.



PREP PROGRAM

PRACTICAL, REAL-LIFE EDUCATION AND PREPARATION

COURSE CODE	COURSE TITLE	COURSE WEIGHT	ELECTIVE	TERM DURATION	CREDIT	OPEN TO GRADES
GRADE 10						
9107SL	English 10	Survey		Full Year	5.0	10
9207SL	US History I	Survey		Full Year	5.0	10
9407SL	Biology	Survey		Full Year	5.0	10
9307SL	Geometry	Survey		Full Year	5.0	10
Grade 11						
9889SP	21 st Century Work Skills 11	Survey		Full Year	5.0	11
9108SL	English 11	Survey		Full Year	5.0	11
9208SL	US History II	Survey		Full Year	5.0	11
9309SL	Consumer Math	Survey		Full Year	5.0	11
9408SL	Chemistry	Survey		Full Year	5.0	11
Grade 12						
9898SP	21 st Century Work Skills 12	Survey		Full Year	5.0	12
9112SL	English 12	Survey		Full Year	5.0	12
9212SL	Civics	Survey		Full Year	5.0	12
9312SL	Personal Finance	Survey		Full Year	5.0	12

*Courses are structured as customary programs with modifications in accordance with students' Individual Educational Plans.



Practical, Real-Life Education and Preparation (PREP)

The **PREP program** was designed to provide students with academic, daily living, personal/social, and occupational skills, all of which will be integrated into classroom lessons which are aligned with the New Jersey core content standards. This program will help each student succeed in High School and beyond.

PREP Program Highlights

- Instruction and curriculum aligned with New Jersey core content standards
- Local Community Internships which will be integrated into classroom instruction & activities
- Case manager and counselor services

10th Grade Course of Study

English 10

9107SL

The emphasis in this course will be on developing reading, writing, speaking, listening, and media literacy skills. It will further develop the multi-paragraph essay form with emphasis on detailed development and variety of structure. Critical reading skills will be strengthened for better comprehension through the use of: annotating, predicting, questioning, and/or making inferences. Grammar and vocabulary skills will be honed throughout the course of the year using various student-centered reading and writing strategies with an emphasis of the importance of revision and editing. The focus of the course will be on American Literature correlated with the eras studied in U.S. History.

U.S. History

9207SL

In this course, students will acquire the knowledge and skills to think analytically about how past and present interactions of people, cultures, and the environment shape the American heritage. Such knowledge and skills enable students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local, national, and global communities. The emphasis on this class will be on the growth of our country from a small agricultural nation to a global power by studying the following eras: Colonization and Settlement, Revolution and the New Nation, Expansion and Reform, Civil War and Reconstruction, and The Development of the Industrial United States.

Biology

9407SL

This is a comprehensive course which investigates the underlying principles of life science. This class is designed to give students meaningful and transferable academic skills, life skills, vocational experience and social/leisure awareness, while still following a curriculum that is aligned with the New Generation Science Standards. The class will focus on making real life connections to the following areas of study: problem solving and scientific method, diversity of life, growth and reproduction, heredity, human systems, ecology, genetic engineering, and botany.

Geometry

9307SL

In this course students will learn and apply concepts of traditional Euclidean plane geometry. Arithmetic skills are further developed by application of geometric principles to the solution of numerical exercises. Students also use deductive and inductive reasoning, as well as the geometry of architecture.



11th Grade Course of Study

21st Century Work Skills 11

9889SP

21ST Century Work Skills is a course designed to provide the student with the opportunity to explore and gain knowledge about self and careers. The student will become self-aware, research a variety of careers, and prepare for the professional world beyond high school. Resume writing, interviewing, self-advocating, becoming organized, job touring/shadowing, and creating a future plan will be experienced. This course will address many of the NJ Core Curriculum Cross Content Workplace Readiness Standards and Transition requirements. This course is available to all grade levels.

English 11

9108SL

The emphasis in this course will be on developing reading, writing, speaking, listening, and media literacy skills. English 11 will be an extension of 10th grade work in critical reading and writing and in language studies. The composition work focuses especially on analytical writing about literature. Language studies are done on selected vocabulary and on areas of grammar, usage, and mechanics using various interactive, student-centered approaches. Critical reading skills will continue to be strengthened for better comprehension in both fiction and non-fiction texts. Life Skills will be an integral part of the course.

U.S. History II

9208SL

In this course, students will acquire the knowledge and skills to think analytically about how past and present interactions of people, cultures, and the environment shape the American heritage. Such knowledge and skills enable students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local, national, and global communities. The emphasis of this course is to study the rise of the United States to global power in the 20th century and its enduring role in world politics. Students continue to survey varying perspectives on the meaning of historical events and to connect the past with current events. Topics that are covered include immigration as a force in the creation of American cultural heritage, civil and human rights, and economic principles as they relate to historical events.

Consumer Math

9309SL

This course will emphasize the concepts of mathematics used in the real-world. Student will explore and apply mathematical concepts of earning money, spending money, creating household budgets, and be introduced to reading maps and transportation schedules. Students will also be introduced to some personal finance concepts.

Chemistry

9408SL

This is a comprehensive course which investigates the underlying principles of matter and how it changes. This class is designed to give students meaningful and transferable academic skills, life skills, vocational experience and social/leisure awareness, while still following a curriculum that is aligned with the New Generation Science Standards. The class will focus on making real life connections to the following areas of study: atomic structure, periodic table, chemical reactions, acids and bases, properties of matter with a focus of water. Students will engage in real world learning including soil analysis of the school garden and water quality testing of a local stream.



12th Grade Course of Study

21st Century Work Skills

9898SP

21ST Century Work Skills is a course designed to provide the student with the opportunity to explore and gain knowledge about self and careers. The student will become self-aware, research a variety of careers, and prepare for the professional world beyond high school. Resume writing, interviewing, self-advocating, becoming organized, job touring/shadowing, and creating a future plan will be experienced. This course will address many of the NJ Core Curriculum Cross Content Workplace Readiness Standards and Transition requirements. This course is available to all grade levels.

English 12

9112SL

The emphasis in this multi-media course will be on developing communication skills that will be used in coursework and internships. Students will write resumes, letters of interest for jobs, learn correct email etiquette, presentation techniques, as well as public speaking skills. Additionally, informal essays, themes, and critical papers are written on a variety of personal and literary subjects, which grow out of class discussion and readings of American, British, and Continental literature. Life Skills will be an integral part of the course.

Civics

9212SL

This course is a survey of the United States government and the responsibilities of citizenship. Students will study government on the national, state and local level to analyze laws, policies and the rights of the people. Students will be exposed to the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States political system. Students will also be able to identify some of the challenges in United States foreign policy and other issues facing Americans as well as understand their role as citizens at all levels of government and in the world today. Major areas of study will include: foundations of the American government, branches of government, the Bill of Rights, state and local government, the role of the federal government in the American economic system, and global issues with a focus on current events.

Personal Finance

9312SL

This course will engage students in content and activities that will assist them in becoming effective and knowledgeable consumers. Students will study about car insurance, life insurance, banks, health care, and other personal finance issues.



Grading System	
93 – 100	A
90 – 92	A-
87 – 89	B+
83 – 86	B
80 – 82	B-
77 – 79	C+
73 – 76	C
70 – 72	C-
67 – 69	D+
63 – 66	D
60 – 62	D-
0 – 59	E



Course Selection Worksheet

* First Semester

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

* Second Semester

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Note: Semester electives may be given in either semester depending on enrollment and scheduling needs.