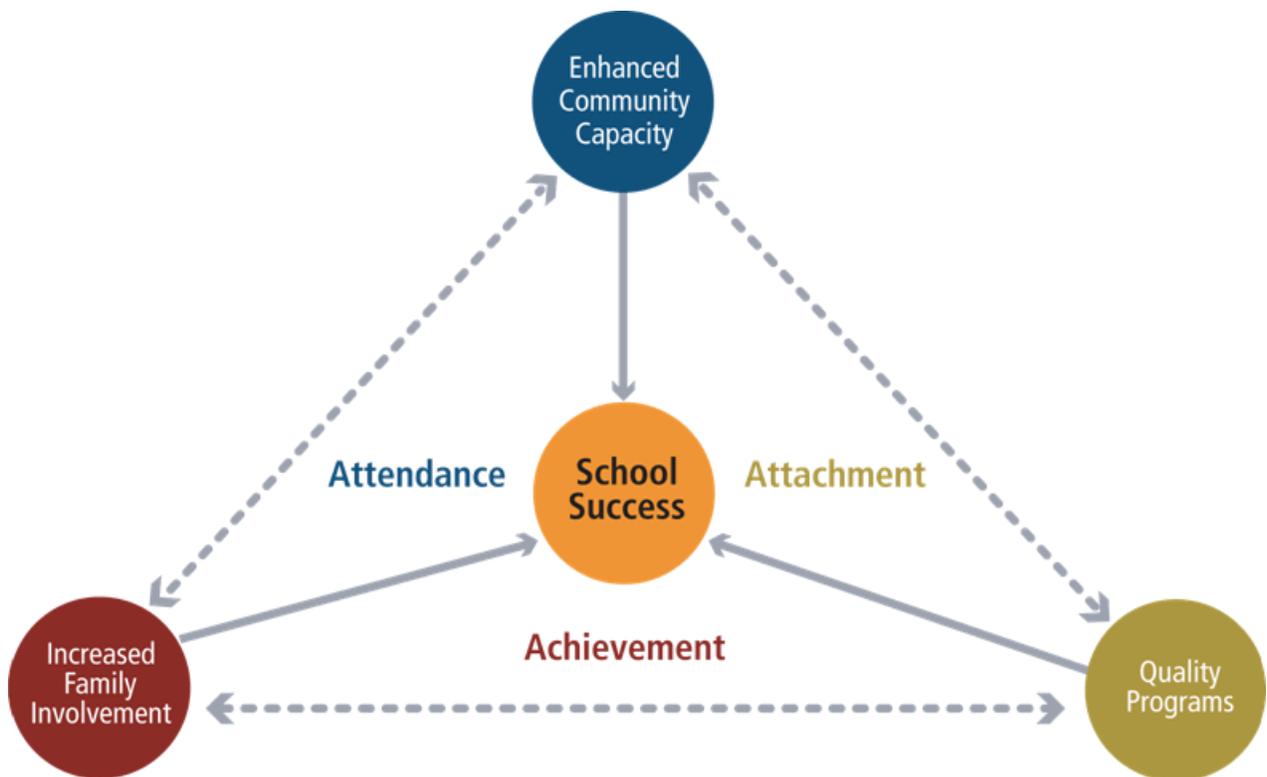


Rondout Valley High School



Course of Study Catalog 2016-2017



“Our focus is student learning”

Robert Cook, Principal

Kris Miller & Allison Simoskevich, Assistant Principals

**Peter Costello, Jody Hoffman, Holly Miller and Megan Marquis,
School Counselors**



ART PROGRAM

Students who wish to complete an arts sequence must first take Introduction to Studio Art and Introduction to Media Art. After successful completion, an additional two or four credits of advanced art electives are required (depending on whether students are working toward a three unit sequence or a five unit sequence). Those students completing the five-unit sequence are expected to compile their best works into a slide portfolio accumulated throughout their art studies. This portfolio, which is required by the State, must be handed in at the completion of the student's last art course for Regents credit and is kept on file for one year. The department will assist in the creation of this portfolio.

Please note: All students must take Introduction to Studio Art or Introduction to Media Art prior to taking any other art course with the exception of Yearbook.

INTRODUCTION TO STUDIO ART (637)

1/2 credit

Course Length: 1 Semester

Prerequisite: None

Offered: 9th Grade. Upper level students may also take the course if space permits.

Introduction to Studio Art should be taken along with Introduction to Media Art to comprise a year- long course of study in art. In Introduction to Studio Art, students are introduced to a variety of tools including materials, skills, techniques and technologies through hands on experience using the elements and principles of design. Students learn to critique their work and the work of others. Individual creative processes and the development of personal expression will be explored.

INTRODUCTION TO MEDIA ART (637AM)

1/2 credit

Course Length: 1 Semester

Prerequisite: None

Offered: 9th Grade. Upper level student may also take the course if space permits.

Introduction to Media Art should be taken along with Introduction to Studio Art to comprise a year- long course of study in art. In Introduction to Media Art, students are introduced to the digital arts using a variety of tools and programs. Students will learn to use the Internet, scanners, and digital cameras as tools to gather images for use in projects. The students will learn the basic capabilities of the Adobe Creative Suite to create both two and three dimensional digital art and animations. The project based lessons will allow students to build a foundation in the elements and principles of design and the use of computer graphics programs.

STUDIO IN DRAWING & PAINTING (652)

1 credit

Prerequisite: Introduction to Studio Art and Introduction to Media Art

Offered: Grades 10-12

Students are exposed to a variety of drawing and painting media including ink, pencil, conte crayon, charcoal, watercolor, acrylic and oil paint. The focus is on learning to use these mediums and exploring how artists have experimented with different media throughout art history. Students are encouraged to develop self-expression in their art as well as develop individual style. This course can be taken twice.

STUDIO CERAMICS (615)

1 credit

Prerequisite: Introduction to Studio Art and Introduction to Media Art

Offered: Grades 10-12

This course focuses on creating three dimensional works out of clay and ceramic material. Students in ceramics will concentrate primarily on hand building techniques (pinch, coil, and slab) in the construction of functional as well as sculptural forms. Basic wheel throwing will be introduced. Glazing, underglazing, and other techniques will be explored. Creative design and individual expression will be emphasized throughout the projects. Students will also gain an appreciation of historical and contemporary ceramics.

ADVANCED CERAMICS & SCULPTURE (616)

1 credit

Prerequisite: Beginning Ceramics

Offered: Grades 11-12

This ceramics course will be a continuation of Beginning Ceramics. Students will further their knowledge and expertise in both hand building and throwing techniques and explore a variety of glazing techniques. Emphasis will be on advanced techniques in construction and glazing. The creative aspects of ceramics will be stressed.

STUDIO IN PHOTOGRAPHY (633)

1 credit

Prerequisite: Introduction to Studio Art and Introduction to Media Art

Offered: Grades 10-12

Studio in Photography is a basic introductory course in traditional black and white film photography with an emphasis on the technical, historical and critical aspects of the medium. Students will learn 35 mm camera operation, principles of exposure, film developing, darkroom printing, matting, design elements and composition. Learning how to see the world through the camera and photography as an art form is stressed. Owning an SLR camera is helpful but not necessary to take the course.

ADVANCED PHOTOGRAPHY (634)

1 credit

Prerequisite: Studio in Photography

Offered: Grades 11-12

Building on the foundation established in the introductory photography course, Advanced Photography is a course designed for students who want to refine and expand their technical and aesthetic abilities. Through assignments, alternative processes, critiques and discussions students will master the skills needed to create more dynamic photographs and add their personal style to those images.

COMPUTER GRAPHICS (623)

1 credit

Prerequisite: Introduction to Studio Art and Introduction to Media Art

Students will begin with an introduction to Macintosh computers and vocabulary. Students continue with an in-depth study of the four major areas of computer graphics: painting, drawing, graphic designing, and desktop publishing. Students will use Adobe Desktop Publishing series, including Adobe Photoshop 6, InDesign, and Illustrator. Through the use of computers, students will gain experience in creative processing, logic, and planning. Understanding of art form, design principles, and color theory will be emphasized. Students will receive opportunities to use all three processes simultaneously.

ADVANCED COMPUTER GRAPHICS (614)

1 credit

This course syllabus and content has been approved for 3 college credits as part of the SUNY Ulster Collegiate program.

Prerequisites: Introduction to Media Art, Introduction to Studio Art and successful completion of Computer Graphics with a 90 or better average in the course.

In this course, students will use the technical and design skills learned in Media Art and Computer Graphics and apply them to a variety of real world graphic design problems. Students will further develop skills using Adobe InDesign, Photoshop, Illustrator, and Acrobat as well as iPhoto and iMovie. Students will also have the opportunity to independently work in other areas of design such as web design. Students will strengthen their problem solving skills as well as their visual and verbal communication skills through ongoing critiques and project evaluations. Students will work both as individuals and in teams to complete projects and various design problems. Development of a diverse portfolio of computer aided design work will be a major objective of the course.

VISUAL STORYTELLING (000)

1 credit

Prerequisite: Introduction to Studio Art and Introduction to Media Art

Offered: Grades 10-12

Visual Storytelling is a course in basic photography; both black and white and digital as well as how to use the photos we take and edit to create layouts for the Rondout Valley High School Yearbook. Sophomores and Juniors who participate in the course are encouraged to re-enroll as experienced staff members.

ARTIST PORTFOLIO DEVELOPMENT (655)

1 credit

Prerequisites: Introduction to Studio Art and Introduction to Media Art and at least one other art course in any medium whether taken at this school or any institution

Talented art students need a portfolio that stands out in the competitive climate of college admissions. This course is designed for those who need to submit a portfolio of recent artwork for admissions to a college or art school.

This class may also be used for a strong art student who wants to submit a portfolio as a supplemental component to their application even though they will not be applying to an art school. Many competitive universities are now asking for additional ways to show how one may have something to show other than their academics. An art portfolio is an excellent way to demonstrate creative thinking.

Students receive individual attention preparing them for the college application process. There will be studio class time, where "hands on" classes will be in drawing, painting, and three dimensional works. This class will also require students to be willing and able to spend time on their projects in and out of class. At the end of this course, students will have a number of pieces for their portfolio that reflect their enthusiasm and creative ability. Students will also work on personal statements that will be included with their portfolios.



BUSINESS PROGRAM

MICROSOFT WORD (724)

½ credit

Course Length: 1 Semester
Prerequisite: None
Offered: Fall Semester

This one-semester course is designed for personal word processing skill development and computer knowledge and operation. Formatting skills will include proofreading and language arts reinforcement. Documents for personal and business use will be emphasized. Most students will take MS Word and MS Office: PowerPoint & Excel as a combined year-long course.

MICROSOFT OFFICE: PowerPoint & Excel (724PP)

½ credit

Course Length: 1 Semester
Prerequisite: None
Offered: Spring Semester

This one-semester course is designed for personal presentation and spreadsheet skill development. Slide presentations, spreadsheets and charts for personal and business use will be emphasized. Most students will take MS Office: PowerPoint & Excel and MS Word as a year-long course.

CAREER & FINANCIAL MANAGEMENT (701)

1 credit

Prerequisite: None
Offered: Grades 10 –12

Want to be a millionaire??!! Who doesn't? In CFM, not only will you find help in choosing a career path, but you will be well on your way to becoming financially literate too. Isn't it time you learned how our economy works? This is the class you can't afford to miss! Emphasis will be on personal finance including banking, credit, taxes, budgeting, investing your money and consumer issues, like buying a car and identity theft. This course is a must for all students, future entrepreneurs and anyone going into the business world!

SUCCESS 101 (101)

1/2 credit

Course Length: 1 Semester
Prerequisite: None
Offered: Grade 9 or 10

Success 101 is a semester course that engages students and teachers in an interactive learning process, helping them develop the knowledge, skills, and attitudes needed to successfully:

- examine their own lives
- explore and evaluate a wide range of education and career options, and
- make reasoned and researched goals for their future.

Success 101 facilitates the in-depth exploration of three fundamental questions:

1. Who am I?
2. What do I want?
3. How do I get it?

These questions drive the academically-integrated curriculum, making it relevant, and rigorous. The course culminates with students developing an individualized, online, 10-year plan that motivates them to envision a self-sufficient, productive life beyond high school, college or post-secondary training.

Note: Course will be offered pending Board of Education approval.



ENGLISH PROGRAM

GENERAL DESCRIPTION OF LEVELS

REGENTS ENGLISH

Students are prepared for the New York State Common Core Regents Exam.

The focus is on reading, writing, speaking, and listening skills.

HONORS ENGLISH

Students are provided enrichment above and beyond Regents English.

AP ENGLISH

Program is designed to explore literature in greater depth and to inspire students to think, write, and present their ideas. The course leads to the Advanced Placement exam in English, which gives students an opportunity to earn college credit.

A research component is required for all levels.

REGENTS ENGLISH 9 (123)

1 credit

Prerequisite: None

Regents English 9 is a required course that emphasizes reading, writing, thinking and listening skills. The primary goal of the course is to raise achievement levels in these basic skill areas so that students can experience success in subsequent grades and successfully pass the required NYS Regents Exam in English. Course work includes an introduction to literature through genre-based units in short story, novel, drama, poetry and memoir.

Special skill units in spelling, vocabulary, grammar and writing are integrated with literature to develop student proficiency in Language Arts. Good study skills in note taking, test taking, and organization of materials are modeled and stressed throughout the year. Students are expected to become proficient in the critical reading of literature, in study and basic research skills, and in writing 3-5 paragraph compositions.

HONORS ENGLISH 9 (117)

1 credit

Prerequisite: A 90 or higher average in English 8 and the recommendation of the student's 8th grade English teacher.

Honors English 9 is an advanced level course designed for college bound students who have met the requirements for admission to the Honors program. The course will cover the genre-based literature units and skills work outlined in the Regents English 9 course description. The Honors student, however, will be expected to read beyond curriculum requirements and to become proficient in higher levels of critical thinking and writing skills. Honors English 9 also includes extensive work with grammar skills.

Please note: Students must maintain an 85 average in the first quarter. Failure to maintain this minimum average may result in teacher notification to parents/guardians of reassignment to a Regents English 9 section.

Regents English 10 (124)

1 credit

Prerequisite: English 9

Regents Standard English 10 continues the development and expansion of grammar and vocabulary with an emphasis on Latin and Greek roots. Several literary classics and contemporary works will be read and studied throughout the year. Literature studies include units in poetry, novels, short stories, and Elizabethan drama. Students write in narrative, descriptive, and expository modes. Critical thinking and reading strategies will be emphasized for a variety of texts and genres including non-fiction and fiction prose. A research project will be explored which will study persuasive arguments as well as utilize evidence-based writing to support claims. Public speaking techniques will also be addressed. This course is designed to prepare students for success on the NYS Common Core ELA exam.

Honors English 10 (118)

1 Credit

Prerequisite: An 85 or higher average in Honors English 9, or a 90 or higher average in Regents English 9 and the recommendation of the student's 9th grade Regents English teacher.

The Honors English 10 course is designed for students with advanced language skills and the motivation to pursue Honors or Advanced Placement English courses as juniors and seniors. Major units include a review of early British literature including at least one work by Shakespeare, four to five modern novels, poetry and a variety of nonfiction texts. Quizzes and tests are used to evaluate student understanding of the literature, and each major unit ends with an analytical essay. One major research paper is completed in the second semester; this project culminates with an oral presentation. Vocabulary and grammar units are consistent parts of the curriculum throughout the entire year. Nonfiction texts will be used to supplement the novels we study consistent with common core curricular expectations.

Please note: Students must maintain an 85 average in the first quarter. Failure to maintain this minimum average may result in teacher notification to parents/guardians of reassignment to a Regents English 10 section. To be eligible for advancement to 11th grade Honors or and A.P. English course, students must finish the year with an 85 average.

Regents English 11

1 credit

Prerequisite: English 10

Regents English 11 is a required course that emphasizes student proficiency in advanced reading, writing, and thinking skills. The primary goal of the course is to improve achievement levels in these skill areas so that students will successfully pass the required Regents Examination in English Language Arts (Common Core). A passing grade on the exam is a state requirement for graduation. Course work includes a large sample of American literature in various genres. Special skill units in spelling, vocabulary, grammar, and writing are integrated with literature to develop student proficiency in ELA.

Honors English 11 (119)

1 credit

Prerequisite: Students must have an 85 or higher average in Honors English 10 or a 90 or higher average in Regents English 10 and the recommendation of their 10th grade English teacher.

Honors English 11 is an advanced and enriched course that emphasizes student proficiency in college-level reading, writing, and thinking skills. Course work includes an overview of American literature. The course is designed to help students develop skills in critical reading and in writing that are integrated with literature. Good study skills in note-taking, test-taking, listening, research, and the organization of materials are stressed throughout the year. Competency in oral communication is developed through activities such as oral presentations, group, and classroom discussion. Group collaboration, discussions, presentations, formal speaking, and creative writing are other components of the course. Honor English 11 is designed for self-motivated, disciplined students, with advanced language and writing skills. One goal of the course is for students to successfully pass the required Regents in English Language Arts (Common Core) well above mastery level.

Please note: Students must maintain an 85 average in the first quarter. Failure to maintain this minimum average may result in teacher notification to parents/guardians for reassignment to a Regents English 11

section. To be eligible for advancement to 12th grade AP English, students must finish the year with an 85 average and pass the Regents examination with at least an 85.

12TH GRADE ENGLISH CREDITS MAY BE OBTAINED BY ANY OF THE FOLLOWING COURSES

Regents English 12 (126)

1 credit

Prerequisite: English 11

Regents English 12 is designed to prepare students for college, work environments, and life experiences. Students will develop skills for critical thinking, writing, vocabulary and grammar development, analysis, interviews, public speaking, and listening. The curriculum utilizes texts and materials that reflect social and contemporary issues. Preparation of college essays, resumes, and interview techniques are included in this course.

Regents English 12: The Art/Literature Connection

1 credit

Prerequisite: English 11

This full-year course examines the way artists and writers play off each other's work, incorporate the same or similar ideas and philosophical/critical stances, and work within various historical movements. There will be many opportunities for creative and artistic combinations of original art and literature, although the student does not need to be an artist to complete the work.

Reading may include adventure stories, historical fiction, mysteries, myths, science fiction, realistic fiction, and graphic novels; also one-act and multi-act plays, both in written form and on film, and narrative poems, lyrical poems, free verse poems, sonnets, odes, ballads, and epics. The course will also include the study and writing of exposition, argument, and functional text in the form of college personal essays, resumes, speeches, opinion pieces, essays about art and/or literature, memoirs, journalism, and historical, scientific, technical, or economic accounts (including digital sources) written for a broad audience.

One or more field trips to historical and/or contemporary museums will be taken during the course.

Regents English 12 – FILM and LITERATURE

1 credit

Prerequisite: English 11

Offered: Grade 12

This course examines the genre of film with analysis of its narrative, dramatic, cinematic, and historic aspects including the interplay between film and literature. The films and literature are presented as major forms of expression in artistic, social, and historical contexts.

College Preparatory English (126C)

1 Credit

Offered Grade 12

Prerequisite: English 11

College Prep Writing is designed to prepare students for the writing demands of college with special units on SAT preparation and the college admissions essay. Students will also be expected to complete a research paper with adherence to proper MLA formatting. In the first semester, topics for written assignments will focus on contemporary issues and will be based upon nonfiction readings, class discussion and research. The second semester will focus on fiction and literary analysis and criticism.

This course will place emphasis on grammatical instruction. One essential goal will be to prepare students for the college English placement examination. Students must pass this examination in order to place into a credit bearing English class in their first college semester.

ADVANCED PLACEMENT – Literature English 12 (116)

1 credit

Prerequisite: Students must have an 85 or higher average in Honors English 11 or a 90 or higher average in Regents English 11 and the recommendation of their 10th grade English teacher.

This course is designed for students capable of doing college level work, who are willing to devote the energy necessary to complete a rigorous and demanding workload. The course emphasizes the development of skills in critical reading and in writing about literature and related ideas. Competency in oral communication is developed through activities such as debates, oral presentations, and group and classroom discussion. The ostensible goal is to enable students to demonstrate their achievement in college level work by taking the AP exam in literature. Literature ranges from the Old Testament to modern writing. Literary genres will include poetry, drama, short story, essay, novellas, and novels.

Please note: Students must maintain an 85 average in the first quarter. Failure to maintain this minimum average may result in teacher notification to parents/guardians for reassignment to a Regents English 12 section. Students are expected to register for and take the AP examination in Literature in May.

English Electives

CREATIVE WRITING (148)

1 elective credit

Prerequisite: English 9

Offered: Grades 10 – 12

Note: *This course is an English elective and is taken in addition to, not in place of, required English courses.*

This full-year course is designed to provide students an opportunity to explore and develop their creative writing potential through the genres of poetry, fiction, and drama. Through text and supplemental readings, the literary elements governing each genre will be examined. Course emphasis, however, will be on student writing. Students experiment with a variety of techniques such as journal writing, free writing, and imitation from models to produce poetry, fiction, and drama. The course is designed for the college-bound student and is run workshop style.

MYSTERY AND SUSPENSE (141)

1 elective credit

Prerequisite: English 9

Offered: Grades 10- 12

Note: *This course is an English elective and is taken in addition to, not in place of, required English courses.*

Mystery & Suspense is an exemplary course in the fictional and film works of writers and filmmakers in the various genres of horror, crime, police procedural, and detective works. Students will read the works of Edgar Allan Poe, Sir Arthur Conan Doyle, Agatha Christie, Alfred Hitchcock and other more contemporary writers, such as Stephen King.

THE W.I.S.E. PROGRAM (300)

1/2 elective credit

Course Length: 1 Semester

Offered: Spring Semester

Prerequisite: Successful completion of English 11 and US History and related state required exams.

The Wise Individualized Senior Experience (W.I.S.E.) program is available to students during the 2nd semester of their senior year. Students can choose an area of interest. Student projects can be research based internships or creative explorations. While pursuing their passion, students are expected to

- Write in a daily journal
- Meet with a mentor (a teacher or administrator in the district) weekly
- Conduct extensive primary and secondary research
- Give a final oral presentation at the end of the project.

Student's work will be evaluated as satisfactory or unsatisfactory. They will be given a complete written evaluation for their project after the presentation.

SAT Preparation

0 credits

Course length: 1 semester

Prerequisite: English 9

Offered: Grades 10, 11, 12

This is a one semester course in SAT exam preparation. The 10-week English portion offers instruction and practice on techniques, skills, and vocabulary to prepare students for the Evidence Based Reading and Writing sections of the SAT exam. Students are encouraged to take the official SAT exam upon completion of the course. It is recommended that the course be taken during spring semester Junior year or fall semester Senior year.



LANGUAGE PROGRAM

SPANISH I (536)

1 credit

Prerequisite: None

Spanish I is designed to provide students with a solid foundation with which to successfully complete Foreign Language requirements. Students are taught the basic vocabulary groups and practice the four basic language skills: listening, speaking, reading, and writing. Upon successful completion, a student may move on to the second level of study.

FRENCH II (522) /SPANISH II (532)

1 credit

Prerequisite: Level I

As the second year in the three-year sequence leading to the Checkpoint B Departmental Final Examination, this course will include study of vocabulary, grammatical structures, speaking, listening, reading, and writing, as well as topics related to the cultures and geography of the French/Spanish-speaking worlds. Various methods of instruction will be used including lecture, individual and collaborative in-class exercises, Internet research, student presentations, video, and computer-assisted instruction.

FRENCH III (523) / SPANISH III (533)

1 credit

Prerequisite: Level II

Successful completion of the Checkpoint B Departmental Final examination satisfies the language requirement for a Regents Diploma. The course gives in-depth exposure to grammatical structures and vocabulary. Increased emphasis is placed on the students' ability to perform in communicative situations. Students will demonstrate ability in acquiring information, discussing feelings, socializing situations, and persuasion techniques. Additional techniques will be taught in writing fluency and reading comprehension. There are daily homework assignments and long-term projects assigned. Twenty-four percent of the final exam grade is based upon the student's ability to verbally communicate in the foreign language.

SPANISH IV (534)

1 credit

Prerequisite: Spanish III

Spanish IV is intended for students who are serious and enthusiastic about continuing language study. The goal of the course is to continue to develop proficiency in Spanish. In addition to grammar, the course emphasizes vocabulary acquisition, presentation, projects, and dramatizations. The class is primarily conducted in Spanish.

Spanish IV is a great way to draw together the material and skills from the previous three years of study. Students experience more challenging material and the class serves as a good foundation for the Advanced Placement Language class or Spanish V.

FRENCH IV (524)

1 credit

Prerequisite: French III

This course is designed for students who passed the Checkpoint B Exam and wish to further their study of the French language. The course is mainly project-based which allow students greater opportunity to speak in French. Students will increase their competency in speaking, listening, reading, and writing in preparation for French V.

FRENCH V/AP FRENCH (525)

1 credit

Prerequisite: French IV

This course is designed for serious students of French who have successfully completed French IV. The class is conducted entirely in French. Students will learn to express themselves in written and spoken French at an advanced level and to understand French as spoken by a variety of native speakers. Students will gain a deeper understanding of the cultural and historical significance of France and francophone cultures through authentic readings and media. Students will take the Advanced Placement examination the spring.

SPANISH V (535)/AP SPANISH (538)

1 credit

Prerequisite: Spanish IV

Spanish V is intended for students who are serious and enthusiastic about continuing language study. The goal of the course is to continue to develop proficiency in Spanish with a focus on spoken communication, vocabulary acquisition, and culture. The syllabus has been approved by UCCC for college credit (Course 201) and students may choose to enroll and receive college credit for the class. The class is primarily conducted in Spanish. All skills will be practiced but the focus will be on vocabulary acquisition and speaking with both a review of key grammar problem areas and new structures. Poetry, short stories, newspapers, and other sources of reading are a regular part of the class.

AP Spanish at Rondout Valley is intended for students who are serious **and** enthusiastic about continuing language study and taking the Advanced Placement Spanish Language Exam. Extensive grammar presentation and review using the Abriendo Paso Gramática text, thorough reading from many sources, listening comprehension practice through daily conversation, games, internet and video sources, oral testing and vocabulary building are key components of the preparation. Students will learn to speak, understand and write in Spanish at an advanced level corresponding to the Spanish measured on the Advanced Placement Language Exam. The class is taught exclusively in Spanish. Students produce skits, short and longer formal and informal presentations that require them to synthesize written and aural materials, keep journals, read authentic texts including our local Spanish language newspaper in order to develop the language skills required for success on the AP exam. Aspects of Spanish and Hispanic culture are continuously explored.

Students who enroll in the course are expected to register for and take the AP Exam in May.

MATHEMATICS PROGRAM



Rondout Valley School District expects all high school students to take four years of math. Students intending to earn a Regents diploma will be required to pass any one of the following three exams: CC Algebra I, CC Geometry or CC Algebra II. Students who want to earn an Advanced Regents Diploma will be required to pass all 3 exams.

CC Algebra I (437CC)

1 credit

Prerequisite: Math 8

Common Core Algebra I is the first course in the standards set by the State Board of Regents for three years of mathematics, entitled "CC Algebra I", "CC Geometry", and "CC Algebra II". The CC Algebra I curriculum deepens and extends understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students engage in methods for analyzing, solving, and using quadratic functions. In this course, students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. A graphing calculator is recommended for this course. CC Algebra I will be a year-long course, culminating in a three hour Regents exam in June.

CC Algebra I A (434CC)

1 credit

Prerequisite: Math 8

Common Core Algebra I A is the first year of a two year course fulfilling the CC Algebra I course standards set by the State Board of Regents. The CC Algebra I A curriculum covers the same topics as the CC Algebra I course, but at slower pace over 2 years. A graphing calculator is recommended for this course. CC Algebra I A will be a year-long course, culminating in a final exam in June.

CC Algebra I B (436CC)

1 credit

Prerequisite: CC Algebra IA

Common Core Algebra I B is the second year of a two year course fulfilling the CC Algebra I course standards set by the State Board of Regents. The CC Algebra I B curriculum covers the same topics as the CC Algebra I course, but at slower pace over 2 years. A graphing calculator is recommended for this course. CC Algebra I B will be a year-long course, culminating in a three hour Regents exam in June.

CC GEOMETRY HONORS (440CC)

1 credit

Prerequisite: Successful completion of CC Algebra I with at least a 90 % average and at least an 85% on the CC Algebra I Regents examination

Common Core Geometry is the second course in the NYS Department of Education math curriculum. The Honors curriculum is the same as that listed for Common Core Geometry, with additional instruction in right triangle trigonometry, the unit circle, and derivation of formulas. A graphing calculator is required for this course. The course concludes with a three hour Regents exam in June.

CC GEOMETRY (431CC)

1 credit

Prerequisite: Successful completion of CC Algebra I and pass CC Algebra I Regents Exam

Common Core Geometry is the second course in the NYS Department of Education math curriculum. The curriculum includes significant emphasis on constructions, similarity, congruence, circles, coordinate plane theory, and geometric relationships. Students use graphing calculators and iPads as technology is fully integrated into this class. The course concludes with a three hour Regents exam in June.

CC GEOMETRY A (430CC)

1 credit

Prerequisite: Successful completion of CC Algebra I

This course is designed for students who have passed Common Core Algebra I, but who have struggled within the traditional math classroom structure. The class covers the same topics as Common Core Geometry, but gives students more time to understand the material. Students will be given the opportunity to prepare for the Common Core Geometry Regents in June. However, passing the Regents is not a requirement for receiving course credit. Geometry A will be a year-long course, culminating in a final exam in June.

Note: This course has not yet been approved by the NCAA. Students planning to participate in college athletics can take this course as an elective.

CC Algebra II (432CC)

1 credit

Prerequisite: Successful completion of CC Algebra I and CC Geometry with a 75% or better.

The purpose of this course is to satisfy the Common Core Algebra II requirement of the Common Core Mathematics Standards. This upper level course fits into an overall program of mathematics studies with a rigorous academic core by extending what students have learned in the introductory-level mathematics courses as well as introducing more advanced topics. These advanced topics include polynomial, rational, linear and quadratic functions, complex numbers, radical functions, exponential functions, logarithmic functions, and sequences and series. Trigonometric topics include; functions and their graphs and trigonometric equations with applications. There is also an in-depth study of probability and statistics. A graphing calculator is required for this course. The course concludes with a 3 hour Regents exam in June.

CC Algebra II A (485CC)

1 credit

Prerequisite: Successful completion of CC Algebra I and CC Geometry A

The goal of this course is to prepare students for CC Algebra II or College Algebra. This course is designed for students who have passed Common Core Algebra I and Common Core Geometry, but who have struggled within the traditional math classroom structure. The class covers the same topics as Common Core Algebra II, but gives students more time to understand the material. Algebraic skills will be strengthened and new topics introduced including, polynomial, rational, linear and quadratic functions, complex numbers, radical functions, exponential functions, logarithmic functions, and sequences and series. A graphing calculator is recommended for this course. CC Algebra II A will be a year-long course, culminating in a final exam in June.

COLLEGE ALGEBRA & TRIGONOMETRY (465)

1 credit

Prerequisite: CC Algebra II A or CC Algebra II or CC Geometry

Offered:

Grades 11 & 12

This full year course includes a brief review of exponents, polynomials, factoring, rational expressions, radicals, and complex numbers. Emphasis is placed on solving and graphing linear and quadratic equations and inequalities and the investigation of functions including exponential and logarithmic applications. Concepts of trigonometry are also covered aligning this course with MAT 115 at SUNY Ulster. Students will

be offered the option of earning 4 credits from Ulster County Community College with a fee paid to the college. This course concludes with an UCCC final exam.

PRE-CALCULUS (466)

1 credit

Prerequisite: CC Algebra II with a 75% or better

This course is a prerequisite for AP Calculus and will prepare students with an in depth study of a variety of topics including polynomial, rational, exponential and trigonometric functions. The course also covers complex numbers, transformations, vectors, matrices and conic sections. A graphing calculator will be used to analyze problem situations. Such situations will involve mathematics associated with topics in Chemistry, Physics, Finance, Business Manufacturing and Biology. A graphing calculator is required for this course. Students will be offered the option of earning 8 credits from Ulster County Community College with a fee paid to the college. This course concludes with a UCCC final exam.

CALCULUS AB/AP (416)

1 credit

Prerequisite: Pre-Calculus

The prerequisite for this course is Pre-Calculus. The topics in AP Calculus include limits, differential and integral calculus with applications. Specific topics include polynomial, trigonometric, exponential and logarithmic functions, average value, fundamental theorem of calculus, Rolle's Theorem, mean value theorem, area, solids of revolution, slope fields and differential equations. A graphing calculator is required for this course. All students enrolled in the course will take the AP Examination in May. Students will be offered the option of earning 4 credits from Ulster County Community College with a fee paid to the college, in addition to taking the Advanced Placement test in May. This course concludes with a UCCC final exam.

OTHER COURSES

COMPUTER SCIENCE (439)

1 credit

Prerequisite: CC Algebra II

Offered: Grades 11 - 12

Computer Science is a hands on project based course designed to introduce students to computer programming. Students will design, write, test and debug computer code to perform a desired function. The highly structured and sequential process required in programming helps students strengthen their problem solving skills and logical reasoning skills. This project/problem based approach is directly aligns with the Common Core Learning Standards of Mathematics.

ELEMENTARY STATISTICS (467)

1 credit

Prerequisite: College Algebra or teacher recommendation

Offered: Grades 11 - 12

This college-level math elective course provides a solid introduction to statistics, a required course for many college majors. The following topic are covered: the organization of data, central tendency and dispersion, probability, binomial and normal distributions, confidence intervals, and several methods of hypothesis testing. A graphing calculator is required for this course. Students will be offered the option of earning 3 credits from Ulster County Community College with a fee paid to the college. This course concludes with an UCCC final exam.

MATH WITH FINANCIAL APPLICATIONS (740)

1 credit

Prerequisite: None

Offered: Grades 11 - 12

This course will help you understand the complex financial world you will face after high school and/or college. It is designed to prepare you for college level business programs and give you the knowledge you need to make your own informed financial decisions. Topics include investments, interest, taxes, payroll, budgeting, loans, banking, credit, annuities, and spreadsheets. The use of a calculator and spreadsheet software to solve business problems will be emphasized. The course concludes with a local final exam in June. Note: RVHS students are expected to take four years of math. This course has not been approved by the NCAA. Students planning to participate in college athletics can take this course as an elective, not as a math credit.

TECHNICAL MATH (438)

1 credit

Prerequisite: CC Algebra

Offered: Grades 11 - 12

Technical Mathematics uses problem solving, physical models, and appropriate technology to extend mathematical thinking and engage student reasoning. Problem solving situations include those related to a variety of careers and technical fields. Students will use *hands-on* activities to model, explore, and develop abstract concepts.

The course reviews skills required on employment and certification tests, and presents college preparatory math with some review of the basics. The class incorporates a variety of career and vocational projects. A scientific calculator is required for this course. The course concludes with a local final exam in June.

SPORTS AND ENTERTAINMENT MARKETING.1 elective Math credit. (Can be used as a 4th year math class)

Offered: Grades 10 - 12

This course will introduce students to the role mathematics plays in marketing. The course will thoroughly investigate the use of mathematics in the sports and entertainment industries. The content will explore quadratic functions for profitability and statistical analysis of a business's share of the market. Major areas that will be covered include sports, theme parks, television, film, and concert venues. This course is project based; which gives students the opportunity to create, run, and evaluate what it would be like to work in sports and entertainment industries.

SAT PREP CLASS (492)

Prerequisite: None

Offered: Grades 11 - 12

This course is designed to prepare students for the structure and rigor of the SAT exam. Students will receive strategies designed specifically for this examination as well as strengthen their existing math skills. The course is effort based and expects students to be doing additional work outside of the classroom.

ACADEMIC INTERVENTIONS SUPPORT (AIS) (480)**480A RTI/AIS Algebra****480G RTI/AIS Geometry****480T RTI/AIS Trigonometry****480CAL RTI/AIS Calculus**

These courses are designed to provide remediation in core academic courses through individual instruction. The primary goal is to help students with skills necessary so that students can successfully pass their core classes as well as required NYS Regents exams. Activities include practice Regents exams and skill-building exercises. A Skills Bank computer program is also utilized to provide additional exercises.



MUSIC PROGRAM

CONCERT CHOIR (664)

1 credit

Prerequisite: None

Offered: Grades 9-12

The Rondout Valley Concert Choir is the place for all students to sign for each other and the community. A wide range of music will be rehearsed and performed, including classical, jazz, pop, show, a cappella, and world music. In addition to rehearsals with the large group, students will receive personalized instruction in music skills and the technique of singing. All levels of singers are welcome. The Concert Choir performs in two concerts each year.

VOCAL JAZZ ENSEMBLE (665)

1/2 credit

Prerequisite: Simultaneous enrollment in Concert Choir. Spring audition by vocal music teacher

Offered: Grades 10-12

Vocal Jazz is a select choir specializing in all styles of jazz. Students are expected to read music. The choir works with a rhythm section comprised of students and professional musicians from the community. In addition to two concerts per year, the group responds to requests from the community for performances. Singers will be among the most accomplished in our school, exhibiting a high level of personal responsibility, energy and commitment. This group performs both on and off campus.

INTRODUCTION TO MUSIC & ELECTRONIC KEYBOARD (669)

1 credit

Prerequisite: None

Offered: Grades 9-12

Students will learn to play keyboard through a variety of popular, jazz, rock, and classical music. Through performance students will learn how to read music, jam, and compose. Students will have an opportunity to explore the fundamentals of sound, basic concepts of music theory, music history, and the function of music in society. There are no prerequisites and the class may be taken more than once for credit. This course meets with the Arts/Music requirement for graduation.

MUSIC THEORY I (667)

1 credit

Prerequisite: None

This class is open to all students who are interested in learning the fundamentals of music. Topics to be covered include music notation, time and key signatures, rhythm, ear-training, chords, analysis of music in all genres, keyboard skills and basic music composition. By the end of the first year all students will have written an original song or musical composition.

ADVANCED MUSIC THEORY (670)

1 credit

Prerequisite: Music Theory I

Note: An Advanced Placement option is available to students who wish to pursue it, but it is not required.

This class is for serious music students who are interested in developing musical literacy as well as exploring music in a historical and global context. We will listen to, analyze, and discuss music from all over the world and through the ages. Students will continue with ear training and advance in skills necessary for original music composition. This class may be repeated for credit, with a different musical focus each year.

CONCERT BAND (666)

1 credit

Prerequisite: Recommendation by instrumental music teacher

Offered: Grades 9 – 12

The High School Concert Band rehearses every other day, performing a wide range of music. Band is open to all students meeting the necessary performance requirements, as determined by the band director. Band members participate in concerts and parades, perform in chamber groups and attend weekly lessons.

JAZZ BAND (668)

1/2 credit

Prerequisite: Audition by instrumental music teacher held during the spring

Offered: Grades 9 – 12

The Jazz Band is formed by audition and rehearses after Concert Band. It performs both traditional and modern jazz styles with opportunities for solos and featured numbers for interested and qualified students. This group performs for concerts, community organizations and other schools.



PE/HEALTH PROGRAM

NUTRITION & WELLNESS (944NW)

½ Credit

Prerequisite: None

Offered: Grades 9-12

Nutrition and Wellness is a course for students interested in the study of nutrition and its impact on the human body. Students will examine sources of nutrients, how they are processed in the body, body composition, current dietary guidelines, nutritional issues and the impact of dietary choices on physical health and general wellness.

HEALTH EDUCATION (944)

½ credit

State Mandated Course (required for graduation)

Prerequisite: None

Offered: Grades 9-12

The course is designed to give students an understanding of critical health issues. This course is exploratory in nature with the goal being to enhance positive health behavior, practices, and attitudes as they relate to the student's well-being.

REGULAR PHYS. EDUCATION PROGRAM 9-12

Boys Grades 9-10 – Fall (910), Spring (930)

Boys Grades 11-12 – Fall (961), Spring (962)

Girls Grades 9-10 – Fall (920), Spring (940)

Girls Grades 11-12 - Fall (963), Spring (964)

½ credit per year – All students, grades 9 – 12, must participate in and pass Physical Education in each semester in accordance with NYS requirements in order to graduate.

Prerequisite: None

Offered: Required each semester grades 9 – 12

The Physical Education program will provide students with the opportunity to participate in activities which support the New York State Learning standards which are:

Standard 1 - Personal Health and Fitness

Students will have the necessary knowledge and skills to establish and maintain physical fitness, participate in physical activity, and maintain personal health.

Standard 2 - A Safe and Healthy Environment

Students will acquire the knowledge and ability necessary to create and maintain a safe and healthy environment.

Standard 3 - Resource Management

Students will understand and be able to manage their personal and community resources.

These standards will be met through the use of a variety of activities which include, but are not limited to, team and individual sports, personal fitness instruction, lifetime activities and experiential education experiences. Students must actively participate for at least 85% of the classes in order to receive the state mandated credit.

ADAPTIVE PHYSICAL EDUCATION – Fall (950), Spring (952)

This course provides the physical education course adapted to meet special needs of students.



SCIENCE PROGRAM

Rondout Valley School District expects all high school students to take **four** years of science.

REGENTS LIVING ENVIRONMENT (324)

1 credit

This course is designed to aid the student in understanding the relationships between living things and their environment. The influence of biochemistry on living organisms and an understanding of organisms are stressed. The course provides the student with a well-rounded background for college preparation and prepares the student for the NYS Regents final examination. Written evidence of 1200 minutes of laboratory experiences is a requirement for the completion of this course.

REGENTS PHYSICS (326)

1 credit

Prerequisites: Regents Living Environment

This course is designed to present a realistic balance between theory and practical application in the areas of physics required for the college bound student. This includes an appreciation of the underlying physical laws that control and direct the nature of the universe. This course requires the successful completion and written evidence of 1200 minutes of laboratory experiences.

REGENTS EARTH SCIENCE (323)

1 credit

Prerequisite: Regents Living Environment

This course involves a general study of the solar system and the planet Earth. The topics covered during the year include topography, astronomy, weather, erosion, deposition, weathering, fossil records, land management, rock formation, plate tectonics theory, and environmental conservation. All topics emphasize problem solving. This course requires the successful completion of 1200 minutes of laboratory experiences and prepares the student for the NYS Regents examination.

REGENTS CHEMISTRY (342)

1 credit

Prerequisite: Algebra I, Regents Living Environment, and Regents Physics

This course provides a study of modern chemistry. Overall objectives include preparation for the NYS Regents examination. The following topics are covered: understanding of unifying principles of chemistry; implication of technological impact of chemistry; application of chemical principles to the environment; knowledge of basic laboratory technique essential to the study of chemistry; and use of mathematics as a tool in communicating certain chemical information. The successful completion of this course requires written evidence of 1200 minutes of laboratory experience.

ADVANCED PLACEMENT PHYSICS 1

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Completion of AP Physics 1 exam is required.

Prerequisite: Regents Physics

Offered: 10th – 12th

ADVANCED PLACEMENT PHYSICS 2

The AP Physics 2 course is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Completion of AP Physics 2 exam is required.

Prerequisite: Regents Physics

Offered: 10th – 12th

ADVANCED PLACEMENT CHEMISTRY (343)

1 credit

Prerequisites: Algebra I, Geometry, Regents Living Environment, Regents Physics, and Regents Chemistry. Students should also have earned at least a 90% in prior Regents level science or 85% in prior A.P. level science.

Offered: 10 -12

This is an accelerated program that will enable students to earn college credit. Topics would include quantum theory, kinetics, equilibrium, coordination of complex bonding systems, stoichiometry, periodicity, and organic chemistry.

A fee is required in order to take the A.P. exam and college credit is usually awarded with a score of 3 or higher. Completion of AP Chemistry exam required.

ADVANCED PLACEMENT BIOLOGY (315)

1 credit

Prerequisite: Regents Living Environment, Regents Physics, and Regents Chemistry. Students should also have earned an average of 85% or better in their most recent Regents level science class.

This course is designed for college bound students interested in medicine, specialized biological fields of study, or allied health professions. This is an introductory first year college biology course taught to high achieving students. The Advanced Placement exam is given in May for the awarding of college credit. A nominal fee is required to take the AP exam. Completion of AP Biology exam required.

SCIENCE RESEARCH (328)

1 credit per year

Students successfully completing this elective may also apply for college credit through the University at Albany in 11th and 12th grade. Student can earn up to 12 credits. See <http://www.albany.edu/uhs/src.php>. There is reciprocity for all SUNY schools. Most non SUNY colleges take at least 4 of the credits with exception of Ivy League schools.

Offered: Grades 10-12. Students may take the course as a three year sequence beginning in 10th grade or as a one year course in 12th grade.

Prerequisites:

1. Must have successfully completed Biology (Life Science) and Physics (Physical Science).
2. 10th graders who have not completed the Physics requirement may take it as a science elective **in addition to** Physics.
3. Complete Science Research Screening Assignments

This science research course is designed to provide students with an understanding of research methodology in the natural and social sciences. The course is directed to those students who wish to pursue excellence and progress into advanced areas of original research. Emphasis is on both laboratory and bibliographic research. Students are taught the process of on-line bibliographic researching and are able to access scientific databases. Group seminars and individual consultations with doctoral level scholars are arranged. Student commitment to long term focused research, demonstrating initiative, perseverance and creativity is developed and fostered. Each year concludes with an end-of-the-year symposium. Students successfully completing this elective may apply for college credit through the University at Albany in 11th and 12th grade.

ASTRONOMY (346)

1 credit

Prerequisites: Regents Living Environment and Regents Earth Science

This course is an introduction to astronomy. Topics covered include: astronomy instruments, the Solar System, stars, stellar evolution, galaxies and the formation of the Universe. The topics will be covered using lecture, internet sources, discussion, and video.

MARINE SCIENCE (392)

1 credit

Prerequisites: Regents Living Environment and Regents Earth Science

Marine Science is a one-year, non-Regents course designed to explore the wonders of the living ocean. In this course students will become familiar with the physical characteristics of the oceans, life that exists in these vast areas and the importance of the ocean system to mankind.

Principles of Agricultural Science – Plant (ASP)

1 credit

Prerequisite: Regents Living Environment

This course provides a foundation of plant science knowledge and skills. Students will experience various plant science concepts through exciting “hands-on” activities, projects, and problems. Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students will learn how to apply scientific knowledge and skills to use plants effectively for agronomic, forestry, and horticultural industries. Students will discover the value of plant production and its impact on the individual, the local, and the global economy. Students will work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers, and plant research specialists, face in their respective careers.

Principles of Agricultural Science – Animal (ASA)

1 credit

Prerequisite: Regents Living Environment

The major focus of the course is to expose students to agriculture, animal science, and related career options. Students participating in the ASA course will have experiences in various animal science concepts with exciting hands-on activities, projects, and problems. Students’ experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. For example, students will acquire skills in meeting the nutritional needs of animals while developing balanced, economical rations. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets.



SOCIAL STUDIES PROGRAM

The Social Studies program is designed to encourage responsible citizenship and to promote basic understandings of nations, peoples, and cultures as well as the history, traditions, and influence of the United States as a world power. The Social Studies sequence incorporates an interdisciplinary approach to increase awareness and knowledge of local, national, and international affairs while recognizing the increasing interdependence of the nations of the world.

REGENTS GLOBAL HISTORY I (223)

1 credit

Offered: Grade 9

This course encompasses a chronological survey of the history of Africa, Asia, Latin America, and the ancient Middle East. Interactions and linkages among nations and peoples are explored within specific time periods to ascertain how the past influences the present.

HONORS GLOBAL HISTORY I (217)

1 credit

Prerequisite: Students must have an 85 average or better in eighth grade Social Studies and have the recommendation of their 8th grade teacher.

Offered: Grade 9

This course is designed for highly motivated students who have met the requirements for admission to this program and intend to take an Advanced Placement history courses before graduation. The course will cover the same content featured in the Regents level course with additional enrichment, materials, and activities. The Honors level student will be expected to do work beyond the basic Regents course requirements and demonstrate higher levels of critical thinking and writing.

REGENTS GLOBAL HISTORY II (224)

1 credit

Prerequisite: Regents Global Studies I

Offered: Grade 10

This course is a continuation of the 9th grade course designed to help students develop a global perspective. Interactions and linkages among nations and peoples are explored within specific time periods to ascertain how the past influences the present. The course highlights themes in a political and chronological context. The areas studied include Western Europe and Eastern Europe, including Russia and the modern Middle East. The final examination for the course is the NYS Regents. It is required for graduation.

AP EUROPEAN HISTORY (216)

1 credit

Students also have the chance to also earn college credit

Prerequisite: Honors Global Studies I with an average of 85 or higher OR Global Studies I Regents with an average of 90 or higher and teacher recommendation.

This course is a study of European history from 1450 to the present. Students will develop an understanding of some of the principal themes in modern European history. Students need to demonstrate an ability to analyze historical evidence and express historical understanding in writing. Students are expected to take the Advanced Placement exam. Sophomores can take this course to fulfill the Second year of Global History. Students will also take the Global Regents exam in June. Juniors and Seniors can also take this course as an elective.

REGENTS UNITED STATES HISTORY AND GOVERNMENT (225)

1 credit

Prerequisite: Global Studies I and II Regents

Offered: Grade 11

This course focuses on a chronological history of the U.S. Students use primary source materials, supplementary readings and the library to aid in the development of important understandings and

generalizations. The final examination in this course is the NYS Regents exam. Passing this exam is required of all students.

ADVANCED PLACEMENT UNITED STATES HISTORY AND GOVERNMENT (219)

1 credit Students also have the chance to also earn college credit
Prerequisite: Global Studies I and II and 85 or better on Global Regents exam.
Offered: Grades 11 – 12

This course covers the history of the U.S. from the colonial period to the present. In addition to the text, students analyze issues with document-based questions, engage in competitive debates, and devise creative assignments. This course qualifies students for the Advanced Placement College Board examination in May. NOTE: The final examination for this course is the NYS Regents in U.S. History and Government. Students are expected to take the A.P. exam.

HISTORY OF ROCK AND ROLL (256)

1 credit
Prerequisite: Regents Global History II. Students must also submit of an essay answering the question, "Why do you want to take a course called *History of Rock N' Roll?*"

This full year course is a Social Studies elective. The course begins at the turn of the 20th century with the early development of rock and roll brought by the ending of slavery and the initial stages of the African-American civil rights movements. Through biographies, political and economic studies of musicians, leaders and corporations, students will learn how popular music has been shaped and shaped political and economic policies of the US government. The course will include studies of Robert Johnson, Elvis, Dylan, the Beatles, the 60's, Led Zeppelin, heavy metal, glam rock, and rap and culminate with a final examination that will encourage students to see the impact music has made on popular social movements for political action.

PARTICIPATION IN GOVERNMENT (255)

1/2 credit
Course Length: 1 Semester
Prerequisite: Completion of U.S. History and Government
Offered: Grade 12

This required course emphasizes the process of effective interaction between citizens and government. It encourages student participation in the processes of government and politics.

ECONOMICS (255E)

1/2 credit
Prerequisite: None

This portion of the course deals with a survey of the fundamental concepts of economics with special emphasis upon the operation of the American system of free enterprise. Students also explore economic issues in today's world.

AP COMPARATIVE GOVERNMENT AND POLITICS; AP AMERICAN GOVERNMENT AND POLITICS (222)

1 credit Students also have the chance to also earn college credits
Offered: Grades 11 & 12
Prerequisite: 85 or better average in prior Social Studies course and/or teacher recommendation. This course may be used to satisfy the 12th grade social studies (Participation in Government and Economics) requirement.

This is a combined course with two semester level AP courses taught in succession (fall and spring). Completion of the two courses affords students the possibility of receiving 6 college level credits following the successful completion of the AP exams in May. The AP course in comparative Government and Politics introduces students to the fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The AP course in American Government and Politics is designed to give students an analytical perspective on government and politics in the U.S. and includes topics such as: constitutional underpinnings of the U. S., political beliefs and behaviors, political parties, interest groups, mass media, civil rights and civil liberties.

LAW STUDIES (215)

1 credit

Offered: Grades 11 - 12

Prerequisite: Regents Global Studies II

Law Studies is a two tiered course designed to give students a broad overview regarding the origins of the modern legal system and a working knowledge of both the civil and criminal arms of our court system. The first semester will focus on the essential legal concepts related to the American legal system and the preparation and presentation of “mock” trials. Students will research and then argue cases before and against each other in a simulated courtroom setting. The second semester will focus on a review, analysis, and reenactment of key Supreme Court cases and their ramification of the American judicial system through history. An economics unit of the class will focus on the courts role in supporting/regulating the American market economy and the principles basic to understanding the American Dream economically and judicially.

PSYCHOLOGY (253PH)

1 elective credit

Offered: Grades 11-12

In this fast paced, ever changing, global society it is important for students to be exposed to new perspectives concerning the intricacies of the human mind and complexity of the human condition. In this half year survey course, students become aware of psychological and ethical principles as well as the importance of the individual and thus the need to promote human welfare. This course will provide students with a broad introduction to the field of psychology. We will be studying its history as well as key figures in the field and their theories, gathering data on the study of human behavior, analyzing examples of research findings, and using psychological knowledge to improve the quality of our lives. This survey of psychology will acquaint the student with the major concepts and terminology of the discipline and give them a better understanding of themselves and others. We will use a combination of lectures, video clips, demonstrations and even their own experiences as learning tools.

RACISM, CLASSISM & SEXISM – 253

1/2 credit - Semester class

Prerequisite: junior/senior class standing and successful completion of 10th grade Global History and Geography and English 10.

This course will look at the connections between race, class and gender and provide students with an awareness that will add to their understanding of how these “isms” have shaped our contemporary dialogues on identity, civil rights, affirmative action, welfare, immigration and the criminal justice system. We will also examine social constructions of race, gender, and class and how they create worldviews that discourage us from challenging the status quo. In the end, our goal is to dismantle our various “isms” and envision social change for social justice.

Life in the 21st CENTURY – 254

1/2 credit - Semester class

Prerequisite: junior/senior class standing and successful completion of 10th grade Global History and Geography and English 10.

This course focuses on current world crises that threaten our world. Poverty, scarcity of natural resources, population growth, energy and climate change, AIDS/pandemics, unequal wealth distribution, power of multinational corporations, weapons of mass destruction, genocide, terrorism, racism, sexism, and anti-Semitism all plague the 21st century. Students will engage in open discussions of controversial political and social issues and raise awareness of current national and world events.

ART HISTORY I – 257

1/2 credit - Semester class (fall)

Prerequisite: junior/senior class standing and successful completion of 10th grade Global History and Geography and English 10.

This course will explore such topics as the nature of art, its uses, its meanings, art making, and responses to art. Students will investigate diverse artistic traditions and examine the art and architecture of the Western world from prehistory through the Gothic period. Students who have been successful in humanities courses, studio art courses, or are considering careers in the arts or humanities are especially encouraged to enroll since those experiences will support and enrich the context of the art history course.

ART HISTORY II - 258

1/2 credit - Semester class (spring)

Prerequisite: junior/senior class standing and successful completion of 10th grade Global History and Geography and English 10. Completion of Art History I is strongly recommended.

This course continues and builds off of Art History I and surveys the major monuments and masterpieces of Western painting, sculpture, and architecture from the Renaissance to Modern art. Students will analyze individual objects in detail and interpret them in light of society's varied needs. Students who have been successful in humanities courses, studio art courses, or are considering careers in the arts or humanities are especially encouraged to enroll since those experiences will support and enrich the context of the art history course.

THE Turbulent 60's – 255

1/2 credit - Semester class

Prerequisite: junior/senior class standing and successful completion of 10th grade Global History and Geography and English 10.

This course provides an in-depth look at the social, cultural, and political issues generated by one of the most powerful decades in American history: 1960's. Cold War America faced many challenges from the civil rights movement and the assassinations of JFK, RFK, MLK, and Malcolm X to the counter culture created by the Vietnam War. In addition to civil rights, student protests, and women's rights movements, we will consider major changes in popular culture, especially television, movies and music. This was a revolutionary time in American history that echoes in the identity of America today.



TECHNOLOGY PROGRAM

Technology Education courses have been designed to meet the needs of all academic levels and are taught through laboratory based “hands-on” learning activities. The overall program is exploratory and deals with instruction in resources, systems, and the impact of technology in our culture.

TECHNICAL DRAWING/CAD 1 (789)

1 credit

Offered: Grades 9-12

Technical Drawing/CAD 1 is a hands-on entry level course to teach skills necessary to generate engineering and architectural drawings on paper and the computer. Topics include sketching, letterings, drafting instruments, dimensioning, Orthographic and Oblique projection, and sectional/auxiliary views. Computer Aided Drafting (CAD) is touched on and careers related to this field are explored and explained. This course will also touch on elements included in the two upper levels of drawing classes (*Architectural Drawing and Design, Drawing for Production*) to help students determine which course they would like to take next.

Note: This course fulfills the Art/Music credit requirement for occupation education majors.

COMPUTER ANIMATION (794)

(Formerly 3D Studio Max)

1 credit

Offered: Grades 9-12

In this state-of-the-art computer course, students learn the basics of 3-dimensional modeling and animation. This course covers modeling, lighting, cameras, materials, special effects and animation techniques using the same program that is used to create popular movies and video games. This course may be taken more than once for credit.

VIDEO & AUDIO PRODUCTION (786)

Credit: 1

Offered: Grades 9-12

Learn how to make great videos! This course covers how to use a digital video camera and capture and edit footage. Sound recording, lighting, and special effects are also covered. The class has a video production studio and a Mac computer lab available for post-production using Final Cut Pro. This course also serves the Rondout Valley community by creating student-produced content for the district website.

WOODWORKING & METALWORKING (784)

1 credit

Offered: Grades 9-12

Woodworking & Metalworking is an entry level course for the hands-on learner. This course covers wood and metal working for the student looking for basic knowledge of tools, machines, and materials. The students in this class will have a complete hands-on experience which will start with rough materials and complete a finished product. The student who takes this class will have an opportunity to see a product from conception to marketable product and learn all the steps required in that process. If you see yourself being a cabinet maker, contractor, or fine woodworker, this is the class for you.

RESIDENTIAL CONSTRUCTION (790)

1 credit

Prerequisite: Woodworking & Metal Working

Students in *Residential Construction* will examine the many systems of a residential structure and develop specific skills needed in the construction process. Current residential structures utilize highly sophisticated materials and procedures combined in a manner to make homes economically viable for consumers. The systems used in current home building are the focus of this course. They include foundations, framing, sheathing, roofing, exteriors, plumbing, heating/cooling, insulation, interiors, flooring, trimming, and finishing.

VOCATIONAL EDUCATION PROGRAM – (BOCES)

Students interested in enrolling in Vocational Education courses should contact their school counselor. The Vocational Education Center offers over thirty vocational and technical courses. Students who enroll in vocational education courses learn skills that will help make them marketable in the current job market. Students who successfully complete Vo-tech programs can, upon graduation, enter the work force or continue their education at a two or four year college. **The deadline for enrollment is April 19, 2013. No exceptions.**

RONDOUT VALLEY HIGH SCHOOL SCHOOL – TO – CAREERS PROGRAM

SCHOOL-TO- WORK (957)

Students participating in the School-to-Work Program choose a field of interest. They work with the School-To-Career Coordinator to find an internship placement. Students are expected to:

- Go to their site at scheduled times (about 10 hours/week)
- Keep track of their time on a time sheet
- Have weekly contact with their job-coach
- Write in a journal at least once a week
- Read related materials
- Speak with people in their field
- Be evaluated on skills required for success in such a program.

Students can earn elective credit for participation in this program. The credit is based upon the number of hours a student spends on their internship and project (150 hours = ½ elective credit, 300 hours = 1 elective credit).



ACADEMIC INTERVENTION SERVICES

ACADEMIC INTERVENTIONS SUPPORT (AIS)

English (180)

Math (480)

Science (380)

Social Studies (280)

These courses are designed to provide remediation in core academic courses through individual instruction. The primary goal is to help students with skills necessary so that students can successfully pass their core classes as well as required NYS Regents exams. Activities include practice Regents exams and skill-building exercises. A Skills Bank computer program is also utilized to provide additional exercises.

