

PLANNING YOUR PROGRAM

Dear Students, Parents, and Guardians,

We proudly present the ***Pearl River High School Program of Studies for 2024-25*** to guide your decision making for the upcoming academic year. It includes important information about course selection and program planning and is designed as a resource for you to learn more about our academic programs and how they align with your interests and your college and career goals. We recommend you read course descriptions to learn more about course offerings and their prerequisites in preparation for discussions about opportunities and expectations with your teachers and school counselor. We encourage you to challenge yourself academically while maintaining a balance with co-curricular activities and social-emotional well-being.

In the coming weeks and months we will be developing the school's master schedule based on course selections. Teachers will be making recommendations and students will be selecting the elective offerings they are most interested in. Once this information is gathered, school counselors will meet with each student to discuss teacher recommendations and students' choice of electives to finalize course selections for 2024-25.

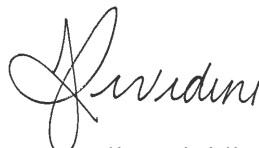
Because course offerings and sections are based on student enrollment, once course selections are made, reviewed and approved by parents, we expect students to remain committed to their choices. Changes will be approved, enrollment permitting, only after consideration of teacher feedback, administrative approval and, upon parental consent.

We hope you will embrace this process as a chance to evaluate your progress, broaden your interests, focus on your potential and collaborate with your teachers and your counselor to plan for the year ahead and a successful graduation. Should you have questions or need additional information, reaching out to your school counselor is a good place to start. We are all here to assist and support you and ensure you have the very best experience at Pearl River High School.

Sincerely,



Robert Zegarelli, Ed.D.
Principal



Jacqueline Lividini
Assistant Principal



Aaron McCasland
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GRADUATION REQUIREMENTS

Minimum Graduation Requirements

We encourage all students to take full advantage of our curricular programs and earn more than the minimum required credits. A unit of credit represents the completion of a full-year course that meets five times a week. Students are required to earn 22 credits and pass a minimum number of approved New York State assessments, including Regents exams to graduate. In addition, the Pearl River School District requires students to perform 10 hours of community service for each of their four years in high school (total requirement is 40 hours), and a course in Career Exploration.

GRADUATION REQUIREMENTS

REGENTS DIPLOMA		REGENTS DIPLOMA WITH AN ADVANCED DESIGNATION	
Content Area	Credits	Content Area	Credits
English	4	English	4
Social Studies	4	Social Studies	4
Math	3	Math	3
Science	3	Science	3
World Language	1*	World Language	3**
Fine Art	1	Fine Art	1
Health	0.5	Health	0.5
Physical Ed	2	Physical Ed	2
Electives	3.5	Electives	1.5
Total:	22.0	Total:	22.0

Notes:

*New York State requirement is fulfilled after passing the World Language Level I final exam and earning a unit of commencement level credit in World Language.

**Students acquiring five credits in Art, Music, Technology or Vocational Education may be exempt from the World Language 3-year sequence.

Students enrolled in an approved school district or BOCES Career and Technical Education (CTE) program who successfully complete all requirements can earn a technical endorsement to be affixed to their high school diploma.

Students who meet criteria established by the Board of Regents can achieve a New York State Seal of Biliteracy and/or New York State Seal of Civic Readiness upon graduation. The Seal of Biliteracy is a formal recognition of students who have achieved a high level of proficiency in English and in one or more other languages. The Seal of Civic Readiness is a formal recognition that a student has obtained a high level of proficiency in terms of civic knowledge, skills, mindset, and experiences. The appropriate seal will be attached to diplomas and noted on transcripts of graduates who have attained the Seal of Biliteracy and/or Seal of Civic Readiness criteria.

REQUIRED EXAMS - TRADITIONAL

REGENTS DIPLOMA (Passing score of 65 and above)	REGENTS DIPLOMA WITH AN ADVANCED DESIGNATION (Passing score of 65 and above)
English Language Arts	English Language Arts
ONE Math Regents	THREE Mathematics Regents
Global History Regents Exam	Global History Regents Exam
U.S. History Regents	U.S. History Regents Exam
ONE Science Regents Exam	TWO Science Regents Exam (one physical science)
World Language Level I Final Exam	World Language Level III Final Exam <hr/> NOTE: Students may achieve a mastery notation on their diploma in science and/or mathematics by scoring 85 or better on 3 Regents exams in the corresponding subject

Note:

*Students can earn Honors Distinction by successfully achieving an overall average of 90 or above on required Regents exams for both the Regents Diploma and Regents Diploma with Advanced Designation.

There are alternate pathway assessment options that may be used in combination with the required English, Social Studies, Mathematics, and Science exams leading to a Regents or Advanced Regents diploma. Please see your school counselor for further information.

In addition, for students who meet eligibility requirements, there are appeals, Safety Net, and other options available. Please see your school counselor.

Traditional Academic Pathways

<u>GRADE 8</u>	<u>GRADE 9</u>	<u>GRADE 10</u>	<u>GRADE 11</u>	<u>GRADE 12</u>
English 8	English 9	English 10	English 11 AP English	English 12 RCC English English 12 Capstone
Social Studies 8	Global History 9 AP World History 9	Global History 10 AP World History 10	U.S. History & Gov't AP United States History	Economics and Gov't & Pol Economics and AP Gov't & Pol Gov't & Pol and AP Econ AP Econ and AP Gov't & Pol
Science 8 Earth Science	Earth Science Living Environment	Living Environment Chemistry	Chemistry/Physics Marine Ecology Hudson River Ecology AP and/or college level Science Courses	Marine Ecology Hudson River Ecology Physics AP and/or college level Science Courses
Math 8 Algebra I	Foundations of Algebra Algebra I Geometry	Geometry Algebra II	Algebra II Math Analysis Intro to Calculus Calculus	Business Math Intro to Calculus Calculus AP Calculus
Unified Art Rotation (Art, Career, Computer Science, Health, & Music)		Health		
World Languages	World Languages	World Languages (for Advanced Regents Diploma)	College Level Language	College Level Language
Physical Education 8	Physical Education 9 (Alternate Days)	Physical Education 10 (Alternate Days)	Physical Education 11 (Alternate Days)	Physical Education 12 (Alternate Days)

Electives

Art 8 Career Exploration 8 Music Electives Design & Drawing for Production	Academic Electives Art Electives Career Exploration Computer Electives Music Electives Technology Electives	Academic Electives Art Electives Career Exploration Computer Electives Music Electives Technology Electives	Academic Electives Art Electives Business Electives Career Exploration Computer Electives Music Electives Technology Electives BOCES	Academic Electives Art Electives Business Electives Career Exploration Computer Electives Music Electives Technology Electives BOCES
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CAREER PATHWAYS

Career Pathways are opportunities for students to design an educational program aligned with possible post-secondary college or career interests. Elective course offerings, listed alphabetically, are suggested for students who wish to follow a career path. In addition to required courses students can select their electives to create a concentration of courses that will be helpful as they pursue post secondary studies. Please note that students may opt to choose a variety of elective courses to explore potential opportunities.

The Career Pathways are suggested courses based on career interest. Students are not locked into one pathway and may select any course as long as they have met all requirements and prerequisites. Please note that course offerings and availability are based on student enrollment. Some courses are only offered alternate years as indicated within the course description.

Career Pathways

Government & Social Sciences

Adolescent Psychology
American Sociology
AP Economics
AP US Government
Child Psychology
Criminal Law
English 12 - Capstone
Film as History
Forgotten Generation
Greatest Generation
Intro to Philosophy
Journalism
Philosophy of Ethics
Speech & Debate
World Language

Visual & Integrated Design

Advanced CAD
Animation
AP Studio Art
Architecture
CAD
Ceramics 1, 2, and 3
Computer Graphics
Design & Drawing for Production
Digital Photography
Drawing & Painting 1 and 2
English 12 - Capstone
Fashion Illustration
Manufacturing
Materials Processing
Metal Smith & Jewelry
Studio Art

Engineering and Technology

Physics (Intro, College, or Advanced)
AP Chemistry
AP Computer Science Principles
Architecture
Design & Drawing for Production
Engineering
English 12 - Capstone
Intro to Coding
Intro to Computer Science
Manufacturing
Materials Processing
RCC Statistics
Robotics

Performing and Communication Arts

Animation
AP Studio Art
Band
Concert Choir
Computer Graphics
Contemporary Strings
Creative Writing
Digital Photography
English 12 - Capstone
Fairytale
History of Music
Jazz Band
Jazz Choir
Journalism
Orchestra
Shakespeare & Film
Speech & Debate
World Language

Education

Adolescent Psychology
Child Psychology
Academic Electives
Intro to Philosophy
Philosophy of Ethics
Speech & Debate

Information and Computer Science Technology

ADV CAD
Animation
AP Computer Science Principles
CAD
Computer Graphics
Design & Drawing for Production
English 12 - Capstone
Intro to Coding
Intro to Computer Science
Robotics
Video Game Design
Cybersecurity

Business Administration

AP Economics
Business Math
Career Exploration
RCC Intro to Business
RCC Statistics
Speech & Debate
World Language

Biotechnology Research and Health Science

Physics (Intro, College, or Advanced)
Adolescent Psychology
AP Biology
AP Chemistry
AP Environmental Science
Child Psychology
Deadly Outbreaks
Engineering
English 12 Capstone
Health
Hudson River Ecology
Manufacturing
Intro to Sports Medicine
Marine Science
Materials
PA Forensic Science
(PLTW) Principles of Biomedical Science
(PLTW) Human Body Systems
(PLTW) Medical Interventions
(PLTW) Biomedical Innovation
RCC Statistics
Robotics
Science of Wellness

GENERAL INFORMATION

Course Selection:

The annual process of course selection begins in the winter with the issuing of the Program of Studies to parents and students. Teachers will make recommendations regarding courses, including course levels, they believe students should be placed in the upcoming year. The school counseling office makes available an electronic form for students to communicate elective requests. School counselors will meet with students to discuss the teacher recommendations and students' choice of electives. Although not guaranteed, course requests are more easily accommodated when submitted prior to the development of the master schedule. Students should carefully consider their course requests and be mindful of course change deadlines. Students are encouraged to research high school courses required by colleges they are interested in applying to in order to best support their application.

Minimum Course Load:

All students in grades 9 through 12 must be enrolled in a minimum of five credit bearing courses plus Physical Education each semester. 8th grade students are generally enrolled in the equivalent of eight periods of study. These requirements may be waived by the Principal in exceptional circumstances.

Course Changes/Course Drop:

Students are expected to remain committed to choices made during the course selection process throughout the summer. If a change is necessary, students should consult with their teacher and then school counselor during the approved drop period. Prior to a student dropping a course, clear steps should be made by the student to demonstrate an earnest attempt to succeed. Each decision is carefully determined based on the collaborative efforts made by the student, teacher, counselor, and administration to explore avenues for success. When a change has been approved, the appropriate form is required to ensure the appropriate steps were taken to complete the request. **Changes are subject to established deadlines and space availability in the new course.**

It should be understood that for the student to receive full credit for late entry into a course, arrangements must be made for making up missed work. The student has the responsibility for seeing that this is carried out. **As students are expected to carefully consider the courses they request and are registered for during scheduling, after June 1st no course request changes will be honored. Students are required to remain in the selected class for five school days before being permitted to make any schedule changes.** The deadline for a student dropping a fall semester course is **the first Friday in October**, for a spring semester course, **the first Friday in March**. The deadline for a student dropping a full year course is **the first Friday in December**. The intent of extending this into the second marking period is to give the teacher and counselor the opportunity to encourage the student to remain in the course. **Please note that no grade weighting adjustments will be made according to level change. If a course level change occurs after a marking period ends, the grade achieved for that course will be used as the first quarter grade in the new course.**

Drops made before these deadlines do not incur a penalty. If courses are dropped after the established deadlines, it will be noted on the permanent record and transcript as either Withdrawal - Pass (WP) or Withdrawal- Failure (WF). Courses may only be dropped in exceptional circumstances and require approval by the Principal. No credit is granted for dropped courses.

Eighth graders in high school courses:

8th grade students may be allowed to enroll in high school level courses upon meeting specific criteria. These courses include World Language, Algebra* or Algebra Honors*, Earth Science Honors*, and electives including Band, Choir, Orchestra, Design and Drawing for Production and Career Exploration 8. It should be noted that these courses will receive high school credit, appear on the student's transcript, and will count towards student's grade point average and class ranking. Students in grades 9 through 12 may also be enrolled in these courses.

***These high school credit courses taken in 8th grade constitute acceleration; current school, district and state criteria for acceleration apply.**

Class Rank:

Class rank is a student's academic placement relative to all of the members of the class. It is determined by the **weighted** high school average. The high school average includes all final grades achieved in courses earning credit towards graduation, with the exception of Physical Education.

Credit:

Credit is a numeric value given to a subject. One credit is earned for study in a subject conducted five periods a week for the school year. One-half credit is awarded for subjects held five periods a week for one-half year or one which is held on alternating days over an entire school year, with the exception of Physical Education.

Curriculum:

Curriculum refers to a course of study offered in an educational institution by a department and tied to specific outcomes. Curriculum is aligned with the NYS Learning Standards and is evaluated through Regents exams in specific core courses. Please refer to the charts on pages 4 & 5 for Regents requirements.

Electives:

Electives are subjects in any department which are not required or "core" subjects. These may be applied to diploma and sequence requirements or may be taken in addition to those required for graduation with the exception of Physical Education.

Prerequisites:

Prerequisites are the requirements which **must** be met before any student may be scheduled for a given course. Prerequisites consist of meeting specific standards in previously completed courses and/or the recommendations of teachers or administrators.

Required ("Core") Subjects:

Required subjects are those which all students must take to meet graduation requirements as specified by the New York State Department of Education and the Pearl River Board of Education.

Counseling Services:

School Counselors, School Psychologists, the School Social Worker, and the School Resource Officer provide assistance to students and families in a myriad of areas.

Counseling activities include:

- Academic Advisement
- College / Career Advisement & Presentations
- Community Service Information
- Course Selection
- Financial Aid Information
- Graduate Assistance
- Parent and Teacher Conferences
- PSAT/SAT, ACT & AP Assistance
- Scholarship & Award Information
- Student Orientation

Grading Policy:

Pearl River High School reports unweighted final course averages on the transcript, however, final course averages are weighted when calculating the cumulative Grade Point Average, and for the purpose of determining rank in class. Cumulative average calculations from credit-bearing courses are weighted according to the following formula:

Honors courses	1.03
College courses	1.06
Advanced Placement courses	1.10

Honor Roll and High Honor Roll Criteria:

Honor Roll and High Honor Roll lists are computed each of the four marking periods for those students carrying the equivalent of five academic courses, plus Physical Education, with no failures or incompletes. Students must have earned an overall raw unweighted quarter average of 85 to 89.999 based on all courses, with the exception of Physical Education, to achieve Honor Roll, or an overall raw unweighted quarter average of 90 or higher to achieve High Honor Roll. Criteria for achieving additional awards are listed below.

High Honor Roll Award Criteria for Grades 8-12:

To receive the High Honor Roll Award in a given school year, students must have earned a minimum raw unweighted average of 90 for each of the first three (3) quarters of the current school year. This average is displayed below each marking period's column on the report cards. Quarter averages are not rounded to the nearest whole number. Students who are in the RCC (Rockland Community College) Early Admit Program are ineligible for this award.

Honor Roll or High Honor Roll for All Four Years Award Criteria for Seniors:

To receive the Honor Roll for All Four Years Award, seniors must have earned a minimum unweighted yearly average of 85 for each of grades 9, 10 and 11 (using the final course grade and the credit earned for each course) and a minimum raw unweighted average of 85 for each of the first three (3) quarters of senior year. To receive the High Honor Roll for All Four Years Award, seniors must have earned a minimum unweighted yearly average of 90 for each of grades 9, 10 and 11 (using the final course grade and the credit earned for each course) and a minimum raw unweighted average of 90 for each of the first three (3) quarters of senior year. Averages are not rounded to the nearest whole number. Students who are in the RCC (Rockland Community College) Early Admit Program are ineligible for these awards.

Honor Society:

Pearl River High School maintains membership in the prestigious National Honor Society and inducts new members in the fall of 11th or 12th grade. Criteria for membership includes an unweighted average of 90.0 without rounding, teacher recommendation, and individual qualities of leadership, character, and service. Community service requirements for the National Honor Society may differ from those of other high school awards. ***Eligible applicants must submit information by required deadlines to be considered for induction.*** See PRHS Website for more detailed information.

In addition, departmental honor organizations are open to qualified students in English, Social Studies, Math, Science, World Language, Music, and Art. Criteria regarding requirements, rules and regulations can be found in the Student Handbook as well as on the High School's website.

Honors Course Placement Criteria:

Specific criteria for courses are available in the corresponding course description.

Progress Reports, Report Cards and Transcripts:

The transcript is a formal, legal document of all courses and grades. The transcript is used for job applications, college and scholarship applications, and proof of graduation. Students and parents should review this document, available on the student portal, several times throughout high school to be certain it is correct and complete. Students receive four report cards and four progress reports each year. Please check the district calendar for marking period dates. Report cards and progress reports are posted to the portal (unless otherwise requested) approximately one (1) week after the reporting period end date.

Promotion:

While the school recognizes that students will make progress toward graduation at different rates, the school does not accept failure as a student's option, but rather expects that all members of the school community and support team will work together to see that a student's progress toward graduation is ongoing.

To help all members of the school community understand that graduation is the goal, the movement from one grade to the next will depend on the outcomes achieved and the number of credits earned toward the goal of graduation.

Freshman status (final average of 65 or higher in at least three 8th grade subjects: English, Social Studies, Math or Science)

Sophomore status (total credits earned as of start of the school year) - 5

Junior status (total credits earned as of the start of the school year) - 10

Senior status (total credits earned as of the start of the school year) - 15

Senior Status:

To be considered a senior, a student must be eligible to graduate in the upcoming June with all required courses scheduled within the high school day. All requirements for graduation must be completed for a student to participate in the commencement program.

Diploma Options:

Regents Diploma - an endorsement by New York State for students who have passed a minimum number of approved New York State assessments, including Regents exams with grades of 65 or above.

Regents Diploma with Advanced Designation - an endorsement by New York State for students who have met the Regents Diploma requirements and have passed an additional number of Regents exams or approved alternate New York State assessments. (See page 5.)

Regents with Honors or Advanced Designation Regents with Honors - Students can earn honors distinction by successfully achieving an overall average of 90 or above on required Regents exams.

Regents with Advanced Designation - Mastery - Students who have met Advanced Designation requirements may achieve a mastery notation on their diploma in Science and/or Mathematics by scoring 85 or better on each of three Regents exams in the corresponding subject.

Diploma with Career and Technical Education Endorsement - Received when a passing score on state assessments as listed for specific diplomas is achieved along with successful completion of the technical assessment designated for a particular approved Career and Technical Education program.

New York State Seal of Biliteracy (NYSSB): The NYSSB will be awarded by the Commissioner to students who meet criteria established by the Board of Regents. The participating students must achieve a high level of proficiency in English and in one or more other languages. The seal will be attached to diplomas and noted on transcripts of graduates who have attained the Seal of Biliteracy criteria.

New York State Seal of Civic Readiness (NYSSCR): The NYSSCR will be granted to students who meet the criteria set forth by the NYS Department of Education. The participating students must meet the necessary criteria to demonstrate civic knowledge and civic participation. The seal will be attached to diplomas and noted on transcripts of graduates who have attained the Seal of Civic Readiness criteria.

SPECIAL PROGRAMS

Career/Technical Education

Pearl River participates in a variety of programs offered by the Rockland County Board of Cooperative Educational Services (BOCES.) Consult your school counselor for descriptions of specific programs.

(More information is available on page 27-28.)

Summer Reading

Pearl River maintains a summer reading program. Each spring, grade-appropriate reading lists are distributed to all families in grades 7-11. The number of required books may change from grade to grade.

Advanced Placement Courses and Examinations (AP)

The College Board sponsors competitive college-level curriculum through the Advanced Placement program. Standardized exams are required at the completion of each AP course. Pearl River encourages students who plan to attend selective colleges, or who wish to challenge themselves, to participate in the AP program. Exams include English, U.S. History, World History, U.S. Government & Politics, Microeconomics, Environmental Science, Biology, Chemistry, Studio Art, Computer Science Principles, and Calculus AB, depending on enrollment. Students should consult with teachers and counselors as well as college catalogs about the value of these exams. Students are not permitted to audit AP courses.

There is a fee for AP exams, and all students enrolled in the AP program will be required to sit for the exam. Only under extreme circumstances, and with the approval of the Principal, will a drop be considered for an AP course after a transcript has been sent to a college.

College Courses at Pearl River High School

High school students can earn college credits through a variety of programs taught in the high school. Parents and students should consider these options as a means of potentially earning transferable college credits and therefore as a means of saving money. Students are not permitted to audit college courses. Students must be enrolled with the college in order to take a college course at the high school. Please note that acceptance of credits by a student's college of choice post graduation is at the discretion of that college.

Project Advance (PA):

Project Advance is a cooperative program between Syracuse University and participating high schools. It allows high school seniors to take college courses at their own school at a lower tuition. The course is taught by carefully selected high school faculty who attend special Syracuse University workshops and seminars, are trained and supervised by Syracuse University faculty members, and are subsequently designated as adjunct instructors of Syracuse University.

Students who successfully complete Project Advance course work are entitled to Syracuse University credit which may be transferable to colleges and universities, and meets high school graduation requirements. The course offered is described in detail under the Science department curricular offerings. The cost of the course is approximately \$460.00 (price subject to change).

SUNY Rockland (RCC):

Courses offered through SUNY Rockland include College English, Introduction to Business, Physics and Statistics. Prerequisites may include review of high school transcript. The cost of each course is approximately \$65 per semester (price subject to change) as well as additional fees depending on the course.

University in the High School Courses (UHS):

Language courses are offered through the State University of New York at Albany. The cost of each course is approximately \$190 (price subject to change).

Early Admission

Pearl River High School participates in the SUNY Rockland Early Admission Program approved by the State Education Department and the State University of New York. Qualified students may apply for full-time college study, in lieu of the senior year. Students must have completed all requirements through the eleventh grade. Students must take specific required courses outlined in the RCC Early Admission Agreement form provided by the school counselor and signed by the student and parent/guardian.

Early Graduation

It is possible for students to accelerate their high school programs and graduate in advance of their class. Since there are important implications for career and educational planning, all requests must be considered carefully. Students who graduate a year early are not eligible to become Valedictorian or Salutatorian. The student's maturity level, school record, and reason for wishing to graduate early will be considered by the Principal in making a final decision.

Students seriously considering such a program are strongly advised to speak with their school counselor during their sophomore year, in order to allow time for appropriate planning.

English as a New Language (ENL)

Students whose native language is not English are, on the basis of individual needs, scheduled for an ENL class (or classes) to help gain mastery of the English language. This program is individually designed for each student.

Independent Study

An independent course of study is only available to seniors for elective courses that are required for graduation or a Regents diploma, and if there are no other options. Approval of the teacher, a school counselor, Principal and parent are required.

Academic Intervention Services

AIS Labs offered in English Language Arts, Math, and Science:

These programs are designed to provide instructional support to any student as determined by standardized testing, state exams, report card grades, and/or teacher recommendations. Identified students are scheduled for these non-credit bearing programs in addition to their regular course work and are carefully monitored by a staff member who serves as a liaison to the classroom teacher. Enrollment in Academic Intervention Services is fluid based on student performance and is not optional. Upon meeting established criteria, students will be exited from AIS or help lab in an effort to promote academic independence. Students are encouraged to continue seeking support through offered extra help opportunities. Parents/guardians will be notified in writing of any change in enrollment status.

Library Media Services

The High School Library Media Center is an attractive and inviting facility, which offers a program of instruction to enhance research projects from various curricular studies, engage students in core digital literacy lessons, as well as reinforce an appreciation of literature. The Library Media Center houses numerous multi-media resources such as books, eBooks, audiobooks, periodicals, DVDs, databases and laptops/tablets. The mission of the school library/media center is to support the curriculum and teach students to be knowledgeable digital citizens and life-long learners.

College Placement Exams

The Scholastic Assessment Test (SAT), the Preliminary Scholastic Assessment Test (PSAT), and the American College Testing Program (ACT) are major components of the college testing program. Each is important and information is distributed throughout the year. There are fees for these exams and students must register individually to take them. These test scores will NOT be placed on the transcript. If students wish to have their scores considered by colleges, it is the student's responsibility to submit their scores directly to the institution.

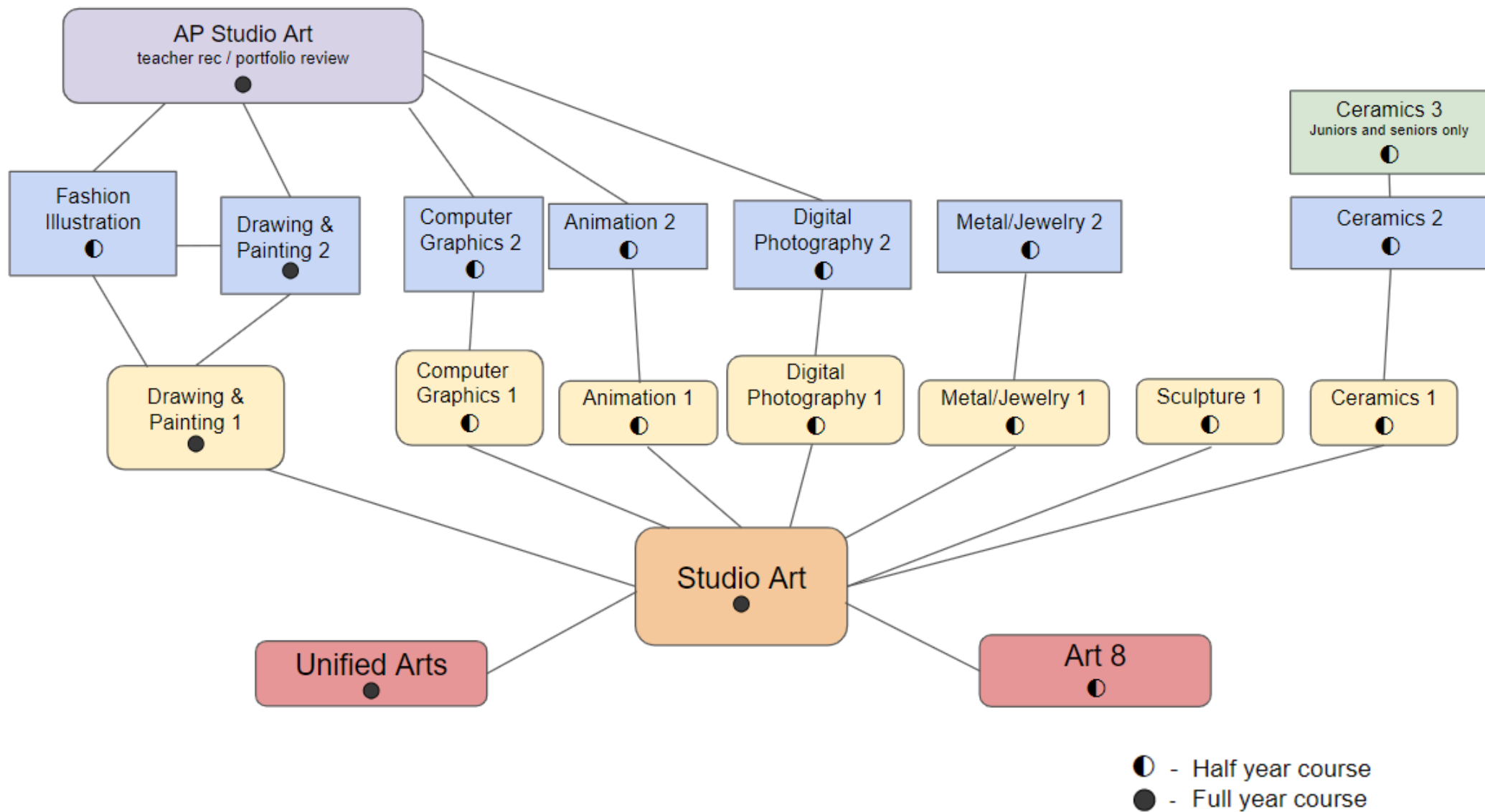
Special Education

A continuum of programs have been developed to assist students who are evaluated and classified as having special education learning needs. Additional skills support classes are available to students and staffed by special education teachers who provide instructional support for core academic courses. In addition to in-district classes, programs are available in cooperation with other county school districts, BOCES, private day and residential placements, hospitals, and home instruction. For further information, see your school counselor or the Director of Special Services.

COURSE DESCRIPTIONS

Descriptions of courses available in each program are contained in the following pages. In the process of selecting courses, students should note applicable grade level restrictions, prerequisites, co-requisites, and sequence requirements. Additional information about particular courses is available from teachers and counselors.

ART Course Progression



ART

ALL ELECTIVES AND AP COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

UNIFIED ARTS / FINE ART ROTATION - STATE REQUIREMENT (C0980)

no credit

This ten week course for 8th graders provides experiences for the students in drawing, painting, three-dimensional form and design. The students are encouraged to express themselves visually using a variety of media.

ART 8 (C0604)

no credit

Grade Level: 8

In this course, students will build upon what they have learned in 7th grade Art. Students will develop their art skills through a general introduction to the elements of art, including theoretical and technical skills, as well as principles of design. This course is in addition to the one quarter of Unified Arts Fine Art rotation students are automatically already enrolled in during 8th grade.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course

STUDIO ART (C0600)

1 credit

Grade Level: 9-12

Students will develop basic art skills through the exploration of a variety of art materials, approaches, and processes. The course projects will help students develop the ability to work with the elements of art and the fundamentals of design. Students will need to use the design process to plan out, develop, and reflect on their ideas.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: full year course **Credit Type:** elective credit and meets the NY State Fine Arts requirement

NOTE: Successfully completing Studio Art is a prerequisite for all other art courses.

ANIMATION I (C0624)**½ credit****Grade Level: 10-12****Prerequisite: Studio Art or Coding or Intro to Computer Science**

This course is an introduction to animation and the moving image. The history and basic principles of design and animation will be explored ranging from techniques that were used to animate Bugs Bunny up to the current day. Students will use traditional hands-on methods as well as learning to use software in the Adobe Creative Suite. Students will need to use the design process to plan out, develop, and reflect on their ideas. All students should have basic computer skills and be able to manage files and folders. It is helpful to have skills in drawing and geometry prior to signing up for this course.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

ANIMATION II (C0625)**½ credit****Grade Level: 10-12****Prerequisite: Animation I**

This course builds on the foundation of Animation I. In this course, students are not only making figures move across the screen - they are making them come to life. Students will learn to do this through The Principles of Animation. We will introduce the concepts of Physics and how they apply to animation motion. This will require students to use the design process to plan out, develop, and reflect on their ideas. Students will continue developing their skills with the Adobe Creative Suite.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

CERAMICS I (C0617)**½ credit****Grade Level: 10-12****Prerequisite: Studio Art**

This course offers an introduction to clay through an emphasis on hand-building, decorating and glazing techniques. There is an emphasis on using the design process to learn and develop skills and techniques. Techniques and methods taught reflect a broad understanding of various ceramics styles across different traditions and cultures. Students will need to use the design process to plan out, develop, and reflect on their ideas.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

CERAMICS II (C0618)**½ credit****Grade Level: 10-12****Prerequisite: Ceramics I**

This course builds on the curriculum and skills established in Ceramics I. This course offers intermediate challenges in clay design, construction, decoration and glazing. There is an emphasis on using the design process to continue developing ideas, plan out their projects, improve their skills and techniques and reflect on their process. Students will continue to develop their own artistic voice through their artwork. Beginning wheel-throwing techniques may be offered as well as the opportunity to independent work (time - permitting).

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

CERAMICS III (C0620)**½ credit****Grade Level: 11-12****Prerequisite: Ceramics II**

This advanced course is suggested for self-motivated students who have successfully completed Ceramics I & II and are looking to pursue more advanced challenges. Students will work to develop their artistic voice by using advanced hand-building and decorating techniques to complete assigned projects as well as to create a connected body of work of their choice. Heavy emphasis will be placed on researching ceramic artists and using their work to inform their own personal choices. Students will need to use the design process to plan out, develop, and reflect on their ideas.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

COMPUTER GRAPHICS I (C0615)**½ credit****Grade Level: 10-12****Prerequisite: Studio Art**

This course will stress the role of design concepts in the production of digital images. Students will use traditional hands-on methods as well as learning to manipulate original images creatively using the software in the Adobe Creative Suite. There will be limited use of digital scanners and digital cameras to capture these images. Students will need to use the design process to plan out, develop, and reflect on their ideas. Drawing skills and digital organization/file management are necessary to be successful in this class.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

COMPUTER GRAPHICS II (C0616)**½ credit****Grade Level: 10-12****Prerequisite: Computer Graphics I**

This class builds on skills learned in Computer Graphics I. Creative problem solving and the design of original computer graphic images will be explored further. Students will begin to experience moving images on the screen and computer generated animation. Students will need to use the design process to plan out, develop, and reflect on their ideas. Drawing skills and digital organization/file management are necessary to be successful in this class.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

DIGITAL PHOTOGRAPHY I (C0611)**½ credit****Grade Level: 10-12****Prerequisite: Studio Art**

This elective is an introduction to digital photography. Students will learn about the history and evolution of cameras and how picture-taking has advanced into the digital age. Students will learn how to operate the manual controls on a digital single lens reflex camera (DSLR). The design aspects of photography as an art form will be addressed through composition, line, tone, motion, depth of field, portraiture and landscape. Students will need to use the design process to plan out, develop, and reflect on their ideas. Digital organization/file management are necessary to be successful in this class.

Requirements:

- Students should have a digital single lens reflex camera with manual adjustments for shutter speed and aperture. A Memory Card for their specific camera is also needed.
- Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

DIGITAL PHOTOGRAPHY II (C0612)**½ credit****Grade Level: 10-12****Prerequisite: Digital Photography I**

This course continues to build upon the skills and concepts taught in Digital Photography I. Advanced compositional content, photo journalism, context, special effects and technical experimentation will be explored further. Students will need to use the design process to plan out, develop, and reflect on their ideas. Digital organization/file management are necessary to be successful in this class.

Requirements:

- Students should have a digital single lens reflex camera with manual adjustments for shutter speed and aperture. A Memory Card for their specific camera is also needed.
- Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

DRAWING AND PAINTING I (C0601)**1 credit****Grade Level: 10-12****Prerequisite: Studio Art**

This is a full year study of drawing and painting techniques. Pencil, pen and ink, colored pencil, charcoal, and pastel drawing are explored as well as tempera, watercolor, and acrylics. Color theory and compositional skills are emphasized. Students will learn about the key developments in art history as well as experiment with media and their own artistic voice. Students will need to use the design process to plan out, develop, and reflect on their ideas. Digital organization/file management are necessary to be successful in this class.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: full year course **Credit Type:** elective credit

DRAWING AND PAINTING II (C0602)**1 credit****Grade Level: 11-12****Prerequisite: Drawing and Painting I**

This is a full year study of a variety of drawing and painting techniques. Students will continue to learn new techniques, processes, and approaches to artmaking - but there will be an emphasis on developing their independent artistic voice. Students will be encouraged to take a closer look at who they are as artists and the media they choose to effectively express themselves. Students will need to use the design process to plan out, develop, and reflect on their ideas. Digital organization/file management are necessary to be successful in this class.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: full year course **Credit Type:** elective credit

FASHION ILLUSTRATION (C0626)**½ credit****Grade Level: 10-12****Prerequisite: Drawing and Painting I**

This course introduces students to the exciting world of fashion illustration and design. Curriculum includes the history of fashion illustration, historical costume, anatomy and proportion, and rendering a draped and clothed figure using media such as charcoal, watercolor, marker and gouache. Students will discover how the Elements of Art and Principles of Design apply to clothing and accessories. Students will learn about “Croquis” and create presentation boards.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

METAL / JEWELRY I (C0607)**½ credit****Grade Level: 10-12****Prerequisite: Studio Art**

This course is an introduction to metal / jewelry design as an art form. Students will learn basic techniques necessary for the design and fabrication of jewelry and small three-dimensional forms. Sheet and wire metals such as copper, nickel silver and brass will be used to explore techniques such as cutting, filing, sanding and forming. Students will learn how to safely use equipment including the drill press, buffing wheel, roller mill and more while learning the fundamentals of contemporary jewelry design. Students will learn about the key developments in art history as well as experiment with media and their own artistic voice. Students will need to use the design process to plan out, develop, and reflect on their ideas.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

METAL / JEWELRY II (C0608)**½ credit****Grade Level: 10-12****Prerequisite: Metal/Jewelry I**

This course is a continuation of Metal/Jewelry I and builds upon the skills and techniques previously learned. Students will learn more advanced techniques in metal work as well as being challenged with more complex design work. Techniques may include hot connections (soldering) and bezel work for setting stones. Students will learn about the key developments in art history as well as experiment with media and their own artistic voice. Students will need to use the design process to plan out, develop, and reflect on their ideas.

Requirements: Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards

Offered: half year course **Credit Type:** elective credit

AP STUDIO ART 2D DESIGN PORTFOLIO (C0623)**1 credit****Grade Level: 11-12**

Prerequisites: Students need to have completed at least 3 credits of art (Studio Art, Drawing and Painting I and II are suggested) prior to this class, in addition to portfolio review and permission of the instructor.

This course allows dedicated art students to complete the AP2D Studio Art portfolio. This portfolio requires the development and creation of 20 portfolio pieces to be submitted for review as part of the AP Exam. Students will need to use the design process to plan out, develop, and reflect on their ideas/artistic voice as they create a sustained investigation that they propose and develop. This class is ideal for highly motivated students that are able to work independently in class **AND** outside of class. Critiques will be an integral part of this class. Meeting deadlines, digital organization, file management are necessary to be successful in this class.

Requirements:

- The AP Exam is a course requirement and has a fee of approximately \$99 (price subject to change).
 - Students are expected to demonstrate their ability to create, present, respond, and connect according to the NYS standards
- Offered:** full year course **Credit Type:** elective credit

BUSINESS & COMPUTERS

**ALL ELECTIVES WILL BE AVAILABLE, DEPENDING ON BUDGETARY
CONSTRAINTS AND SUFFICIENT ENROLLMENT.**

COMPUTER SCIENCE (C0980) - Required Unified Arts Rotation

no credit

Grade Level: 8

This 5 week required unified arts computer science course is rotated with a required 5-week unified arts health course, resulting in one full marking period. This course introduces students to how computers see the world around us. Students will learn the basics of the binary number system which is how computers communicate. They will understand how computer scientists encode data to store in a computer and how to read data that is already stored in a computer. Students will also learn the basics of cybersecurity and machine learning. Also included in the course are some fundamentals of programming with Lightbot and some very basic Python programming projects.

RCC INTRODUCTION TO BUSINESS (C0230)

½ credit

Grade Level: 11-12

The SUNY Rockland Introduction to Business course (BUS 101) is an overview of business in the American economy. It discusses basic economics, ethics in business, globalization, other forms of business, management functions, motivation, human resource management, and marketing and financial management. Enhancements to this course will also introduce concepts related to accounting, production, and data processing.

Requirements: Students must enroll with SUNY Rockland to take this half year course at the high school. Review of high school transcript may be needed to qualify for the course. The cost of the course is approximately \$65 (price subject to change).

Offered: half year course **Credit Type:** elective credit through PRHS; 3 credits through SUNY Rockland

INTRODUCTION TO CODING (C0154)

½ credit

Grade Level: 9-12

This course is a basic introduction to coding on the computer. Students will learn how to program in both HTML and CSS. Students will learn how to build their own interactive web pages. The JavaScript language will also be explained. Students will write formal programs in this language, and later, learn how to incorporate code into their very own HTML web pages making them more adaptive. Students can choose to pursue elements of game programming or practical app development.

Offered: half year course **Credit Type:** elective credit

INTRODUCTION TO COMPUTER SCIENCE (C0319)

½ credit

Grade Level: 9-12

This entry-level course uses the popular Python language to introduce students to the basic concepts of computer science. This course emphasizes techniques of programming design, and applies these concepts to problems that will demonstrate the power and functionality of the computer. Topics will also include the Internet, computer hardware functionality, and basic data processing. The ability to work independently and problem solve effectively are key components to be successful in this course.

Offered: half year course **Credit Type:** elective credit

CYBERSECURITY (CO155)**½ credit****Grade Level: 10-12****Prerequisite: Coding and Introduction to Computer Science**

This course will begin with a thorough examination of various cryptographic techniques which is the basis of modern cybersecurity. In addition, the creation of unique keys will be discussed as well as symmetric and asymmetric encryption used for Internet communication. Students will then be introduced to proper and safe methods of securing computers and small networks using Raspberry Pis. Security measures for larger networks will be discussed. In addition, students will be armed with a toolbox of techniques to make their online computing experience more secure.

Offered: half year course. **Credit Type:** elective credit**VIDEO GAME DESIGN IN UNITY (CO156)****½ credit****Grade Level: 10-12****Prerequisite: Coding and Introduction to Computer Science**

This course teaches the fundamentals of designing a game using the most widely accessed and preferred editing engine in the world. The intent of this course is to prepare high school students with the industry related skills needed for the workplace and higher learning environments. By the end of this course, students will understand the design planning process, be knowledgeable of industry related careers, and be able to navigate the Unity environment in order to create 3D games.

Offered: half year course. **Credit Type:** elective credit**ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES (C0317)****1 credit****Grade Level: 11-12****Prerequisites: Algebra I**

Students will follow an Advanced Placement curriculum which will focus on understanding how computing systems and the Internet function. In addition, students will craft an application featuring the JavaScript programming language for submission to the College Board. Highlights of the class include discussion of the Internet, digital representations of data, the role of big data in modern society, and programming fundamentals. Students will be required to take the AP exam at the completion of this course.

Requirement: The AP Exam is a course requirement that has a fee of approximately \$99 (price subject to change).

Offered: full year course **Credit Type:** elective credit

CAREER AND TECHNICAL EDUCATION

P-TECH

Grade Level: This program is open to students entering grade 9

New York State Pathways in Technology Early College High School (NYS P-TECH) is a public-private partnership that can prepare students for high-skills jobs of the future in technology, manufacturing, healthcare and engineering. It's an integrated 6-year program, combining high school, college, and career training with individual pathways for students at every academic level. Students have the opportunity to graduate with an Associate Degree (A.S.) or an Associate in Applied Science Degree (A.A.S.) at no cost and will be eligible for employment with participating businesses. It's a rigorous academic curriculum with targeted technical training, comprehensive workplace learning, and individualized support services and career pathways available in Rockland and Westchester counties. Program description is available in the school counseling office and online at <https://www.rocklandboces.org/programs-for-students/hudson-valley-p-tech>.

This program is open to students entering grade 9

BOCES Career Education Center

4 credits

Grade Level: This program is open to students in grades 11 & 12

The Career and Technical Education courses available at the BOCES Career Education Center are offered on a half-day basis with students completing their academic work at their home school. Depending on BOCES offerings, most courses are available to juniors and seniors for one or two years. Students who wish to participate, or continue participation, in this program must be on track to successfully complete graduation requirements. Transportation is provided to and from the high school within the confines of the high school day. Detailed course descriptions are available in the school counseling office and online at <https://www.rocklandboces.org/programs-for-students/career-and-technical-education>. Enrollment in these programs requires administrative approval.

Programs Available:

Animal Science Academy
Automotive Technology/Collision Academy
Communications Academy
Construction Trades Academy
Cosmetology
Criminal Justice
Culinary Arts
Cyber Technology
Education Academy
Health Science Academy
New Visions Health Careers Exploration

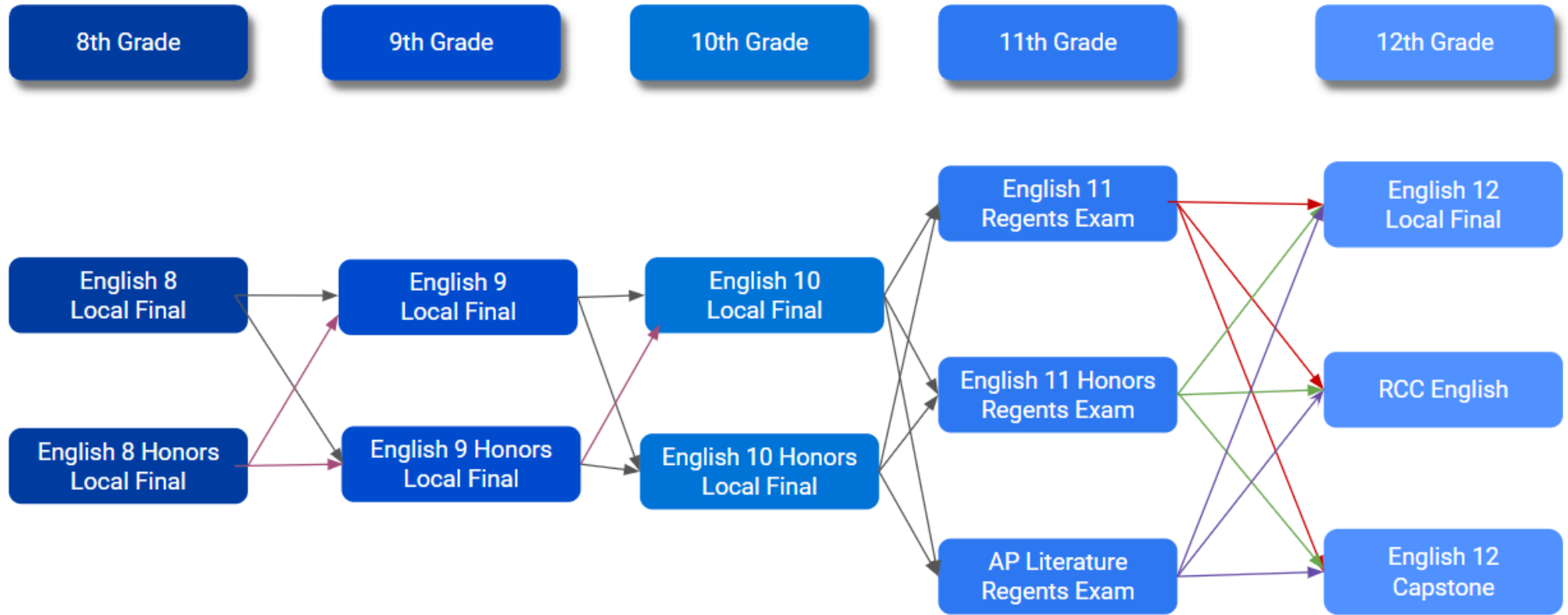
New Visions Health Careers Exploration Program at Rockland BOCES

This program is for high-achieving, college-bound seniors interested in pursuing a healthcare career. It offers students the opportunity to explore the numerous career options available. Seniors accepted into the yearlong New Visions Health Careers Exploration Program participate in 21st century, real life, career-related experiences that include clinical rotations, mentoring, job shadowing, and internships. Working alongside doctors, nurses and nurse practitioners, speech and physical therapists, department heads, hospital administrators and other healthcare professionals during clinical and non-clinical rotations, students gain unprecedented knowledge about and insight into the expectations and day-to-day operations of almost all aspects of healthcare facilities.

Program description is available online at
<https://www.rocklandboces.org/programs-for-students/career-and-technical-education/new-visions-health-career-s-exploration>

Please see your school counselor for more information.

ENGLISH Course Progression



*LF means Local Final

ENGLISH

ALL ELECTIVES AND AP COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

Each student is required to complete four credits of high school English in order to qualify for a diploma. Students are required to take at least one English course each semester during their enrollment at Pearl River High School. All students must pass the English Language Arts (ELA) Regents exam in order to meet graduation requirements.

AIS ENGLISH LAB (C0924 / C0922)

no credit

Grade Level: 8-12

This is a skills based non-credit course, which provides support for students with identified needs in reading and writing. The course begins by assessing each student's individual skill levels and tailoring an action plan around their strengths and weaknesses. The instructor uses multiple resources and supplementary material that matches the student's interests and reading level in order to teach, practice, and master the identified areas in reading and writing that are in need of improvement. The instructor employs continuous assessment to identify newly mastered skills and a focus on skills in need of enhancement. Enrollment is fluid based on student performance in their English class and is not optional. Parents/guardians will be notified in writing of any change in enrollment status.

Qualification: Students who have been identified as needing academic support.

Offered: Course meets every other day. Duration is contingent on student need.

ENGLISH 8 (C0009)

no credit

Grade Level: 8

Prerequisites: successful completion of ELA 7

Aligned with NY State standards, English 8 provides students with the tools to develop their skills in reading, writing, listening, and speaking. Using a variety of texts from both fiction and non-fiction, students will be challenged to continually improve their fluidity and comprehension, their understanding of words in context, and their ability to analyze and make critical connections. In writing, students will practice composing an evidence-based claim (thesis) and supporting this claim with relevant supporting details from the texts. Vocabulary and spelling skills are reinforced weekly.

Offered: full-year course

ENGLISH 8 HONORS (C0008)**no credit****Grade Level: 8**

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's course, standardized test score at or above the 75th percentile. Honors course decisions will be reviewed after final grades are determined.

An English course focused intensively on reading, writing, vocabulary development, grammar and mechanics, critical thinking, listening, and verbal expression. Students choosing this course should be interested in the study and analysis of various genres of literature. English 8H is aligned with the NYS Standards and provides students a foundation to continue in the English Honors program in grades 9-12. This course moves at a more rigorous pace than the eighth grade English class. Students are expected to read both fiction and non-fiction independently as well as analyze and discuss these works both in large and small group settings.

Offered: full-year course

ENGLISH 9 (C0011)**1 credit****Grade Level: 9**

Prerequisites: successful completion of English 8

The emphasis in the ninth grade is on the further development of skills related to reading, writing, speaking and listening. The ninth grade reading program is directly related to the writing program. Writing assignments are the outgrowth of discussions and concerns arising from selections read in class and from outside reading. Composition focuses on expository writing, the development of a theme and the logical organization of ideas. Grammar, usage, and punctuation are reviewed, and corrective techniques are prescribed as specific weaknesses appear in student compositions. The course in literature includes the study of selected short stories, a Shakespearean and Greek play, several novels, poetry and independent readings.

Offered: full-year course **Credit Type:** core credit

ENGLISH 9 HONORS (C0010)**1 credit****Grade Level: 9**

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's English 8 course, final course grade of 87 in previous honors level course, final exam of 90 in English 8/ English 8H; standardized test score at or above the 75th percentile.

English 9H is a course rigorous in reading, writing, vocabulary development, grammar and mechanics, critical thinking, listening, and verbal expression. Aligned with both NY State standards and the College Board AP Literature program, this class challenges students to closely and critically read and interpret both fictional and informational texts. Students will hone their skills in expository, argumentative, and persuasive writing with an emphasis on composing a strong thesis statement and supporting their thesis with relevant supportive evidence from a variety of texts. Students will continue to practice their research skills using the MLA style of research and writing with a focus on embedding quotations (internal citations) and composing a works cited page. Students will be expected to read works of both fiction and nonfiction (including Shakespeare, poetry, classical literature, and contemporary literature) independently and to analyze and discuss these works both in large and small group settings.

Offered: full-year course **Credit Type:** core credit

ENGLISH 10 (C0013)**1 credit****Grade Level: 10****Prerequisite: successful completion of English 9**

The emphasis in the tenth grade is on the refinement of skills related to reading, writing, speaking, and listening. Students read the works of selected British and Western authors to broaden their literary background and to develop their close reading and critical thinking skills. While analyzing the literature, students will cite strong and thorough textual evidence to support their interpretations. The writing program is directly related to the reading program, as students will draw on their understanding of the literature, in a variety of writing assignments that include journal entries, extended responses, formatted paragraphs, and formal writing assignments, to establish claims that are supported in an organized and coherent response.

Offered: full-year course **Credit Type:** core credit**ENGLISH 10 HONORS (C0012)****1 credit****Grade Level: 10**

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's Regents level course, final exam grade of 90 in English 9/9H, final course grade of 87 in previous honors level course, standardized test scores at or above the 75th percentile.

This course continues the rigor of English 8 and 9 Honors and builds on the foundation those courses offer. Students read and actively analyze challenging fiction and non-fiction texts, further developing vocabulary, (including specialized literary and rhetorical terms) grammar, composition, and research skills. Students apply knowledge of MLA formatting learned in earlier years and begin to work more independently to gather relevant information from a variety of scholarly sources to support arguments; they continue to practice and strengthen their ability to effectively embed quotations. Students read a wide range of genres in fiction and informational texts from Ancient Greece to contemporary works, with a special emphasis on the British Tradition and the development of the English language from the Anglo-Saxon period to modern English.

Offered: full-year course **Credit Type:** core credit**ENGLISH 11 (C0015)****1 credit****Grade Level: 11****Prerequisite: successful completion of English 10**

Students in English 11 will read works of selected American authors of short stories, novels, plays, poetry, and non-fiction. In addition to American authors, students may read authors from outside the United States. Students will read to broaden their literary background and to develop more sophisticated reading skills. These readings form the foundation for the writing component of the course. Students are coached in the writing process through the use of note-taking, exemplars, and rubrics to produce polished drafts in a variety of modes: expository, persuasive, and analytical. A key component of this course is the spring research paper which carries a significant weight, and could impact a student's standing within the course.

Requirements: Successful completion of the New York State English Regents Exam in June.**Offered:** full-year course **Credit Type:** core credit

ENGLISH 11 HONORS (C0014)**1 credit****Grade Level: 11**

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's Regents level course, final exam grade of 90 in previous year's Regents level course, final course grade of 87 in previous honors level course, standardized test score at or above the 75th percentile.

This course continues the rigor of the English 8-10 Honors courses and builds on the foundations these courses offer. Students in English 11 Honors will read works of selected American authors of short stories, novels, plays, poetry, and non-fiction. In addition to American authors, students may read authors from outside the United States. Students will continue to develop their reading skills through independent reading and analysis of challenging texts. Students will also be expected to build on the writing skills they have developed thus far, including those related to research. Students are coached in the writing process through the use of note-taking, examples, and rubrics to produce polished drafts in a variety of modes: expository, persuasive, and analytical. The active discussion of works of literature is also an expectation of the course. A key component of this course is the spring research paper which carries a significant weight, and could impact a student's standing within the course.

Requirements: Successful completion of the New York State English Regents Exam in June.

Offered: full-year course **Credit Type:** core credit

AP ENGLISH LITERATURE AND COMPOSITION (C0035)**1 credit****Grade Level: 11**

Prerequisites: This course is an open-enrollment course open to all 11th grade students, however, it is strongly recommended that students consult with their 10th grade English teachers prior to committing to the course.

Students choosing AP English Literature and Composition—a college-level course—should be interested in studying literature of various genres and periods, from the 16th century to the present, and in using this wide reading knowledge in discussions of literary topics and in writing essays that are well-organized, fully developed with details and insightful commentary, fluent in their language use and strong application of the conventions of English. This course gives students a special emphasis on the American literary tradition, but students also read works from other literary traditions. Students are expected to take an active role in the classroom, engaging in Socratic Seminar discussions, making oral presentations on a variety of literary topics, and working in small and large groups on assignments that help students develop critical standards in their reading and writing. Applying their research skills as they find relevant scholarly sources to support thesis claims and using their knowledge of MLA formatting, students write a research paper in the second quarter. Students may earn three college credits based on the results of the required AP English Literature exam given in early May and the policy of the college they attend.

Requirement: The AP Exam is a course requirement and has a fee of approximately \$99 (price subject to change.) Successful completion of the New York State English Regents Exam in June is also required.

Offered: full-year course **Credit Type:** core credit

ENGLISH 12 (C0039)

Grade Level: 12

1 credit

Prerequisites: successful completion of English 11

The purpose of English 12 is to prepare students for college-level reading and writing. Continued emphasis will be placed on the writing process: pre-writing, drafting, revising, editing, and publishing, as students first compose a College Essay and then a Senior Thesis Paper (to be written according to MLA guidelines). Additionally, students will analyze and synthesize a variety of literature that is aligned with the New York State Common Core Modules (fiction, non-fiction, short stories, as well as a Shakespearean play). A key component of this course is the Senior Thesis Paper carrying a significant weight, which could impact a student's standing within the course.

Offered: full-year course **Credit Type:** core credit

ENGLISH 12 CAPSTONE (C0040)

Grade Level: 12

1 credit

Prerequisites: successful completion of English 11

The purpose of English 12 Capstone is to prepare students for college-level reading, writing and research. Continued emphasis will be placed on the writing process as related to research, pre-writing, drafting, revising, editing, and publishing, as students organize and compose research and concept design with argument and support. This course promotes student academic independence and collaboration with a student selected mentor from the field in which the student seeks to research. Students will integrate presentation skills as they prepare and execute a culminating defensible presentation for a panel composed of teachers, administrators, and a mentor.

Requirements: Students are required to write a research paper and must receive an effective rating on the final project and a passing grade in the course, inclusive of the final exam.

Offered: full-year course **Credit Type:** core credit

RCC COLLEGE ENGLISH (C0027)

1 credit

Grade Level: 12

Prerequisite: students must enroll with SUNY Rockland to take this full-year course at the high school. Review of high school transcript may be needed to qualify for the course.

SUNY Rockland College English is a college class encompassing two separate semester courses: ENG 101: English Composition I and ENG 102: English Composition II.

ENG 101: The goal of this course is to create analytical thinkers who are able to express themselves in writing. The skills gained in this course will help students in college as well as in the real world. As the primary text of this course, *Writing Analytically*, states, students will “learn how to use writing as a tool of thought.” Over the course of the semester, students will learn to develop their thinking skills and in turn their writing skills.

ENG 102: In this course, students will explore the meaning of reading. Students will examine how to read text, film, and also the world around them. As part of the study of the reading process, students will consider how meaning is created, how one’s position in society affects the way text is read, and how societal beliefs influence reading. As they deal with challenging texts and explore different ways of reading, students will function as active and critical readers and thinkers.

NOTE: In this course, students may be required to read text or view materials that may be considered mature. The ideas expressed in any given text do not necessarily reflect the views of the instructor, the department, Pearl River High School, or the Pearl River School District. The course content is selected for historical and/or cultural relevance, or as an example of practice, style and/or technique. Discussion based on selected materials may raise topics that some consider controversial. These exchanges, within the context of relevant course material, are a necessary part of the intellectual inquiry appropriate at the college level at which this course is offered.

Requirements: in order to pass this course for the year and be eligible for graduation, students must successfully complete three unit papers each semester based on the guidelines set forth in each course. Students can earn a total of six credits, three each semester, through SUNY Rockland and one high school credit. The cost of the course is approximately \$65 (price subject to change). Additional fees may apply.

Offered: full-year course **Credit Type:** core credit through PRHS; 6 credits through SUNY Rockland

ENGLISH ELECTIVE PROGRAM

ALL ELECTIVES AND AP COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

CREATIVE WRITING (C0036)

½ credit

Grade Level: 9-12

For students already proficient in mechanics of grammar and composition, this course is designed to provide an outlet for those interested in writing creatively. Concentration will be on the production of a memoir, a short piece of fiction and poetry. Stylistic devices will be studied, discussed, and various examples by established authors will be examined as guides to creating pieces of the same genre. Throughout the duration of the course students will be encouraged to submit their work for publication in *The Tenth Muse*, the school's literary magazine.

Offered: half-year course **Credit Type:** elective credit

FAIRYTALES, FANTASY, AND CHILDREN'S LITERATURE (C0032)

½ credit

Grade Level: 9-12

Prerequisite: a love of the classic fairytale

This one semester course traces the development of the genre cross-culturally with particular attention to its European and American roots, considering the impact of James Barrie's Peter Pan and the Utopian visions of the wonderful words of Baum's Oz, C.S. Lewis' Narnia, as well as through the lens of Walt Disney's cinematic fantasies and Lewis Carroll's Alice in Wonderland.

Requirements: completion of assessments and writing assignments and final exam project

Offered: half-year course **Credit Type:** elective credit

JOURNALISM IN THE 21st CENTURY (C0029)

½ credit

Grade Level: 9-12

In the Journalism course, students explore the field of journalism through the creation of articles, broadcast videos, and podcasts. Student work will be used in the creation of Pirate TV (the school's video channel), the Pirates' Log (the school newspaper), and various other outlets. Students will create various written, video, and audio segments as they examine ethical questions of journalism, gain experience in conducting interviews, and master the various journalistic writing styles. The class will also address the role of journalism and media in our lives through the use of documentaries, feature films, and articles related to media issues.

Offered: half-year course **Credit Type:** elective credit

SHAKESPEARE AND FILM (C0023)**½ credit***(not offered in the 2024-2025 school year)***Grade Level: 9-12**

Classic and recent film adaptations of Shakespeare's plays, including *Othello*, *The Taming of the Shrew*, *Hamlet*, and *Twelfth Night* will provide students with the opportunity to analyze Shakespeare's texts in conjunction with modern interpretations. Our main objectives are to become more comfortable with Shakespearean language, easing the intimidation some feel when encountering Shakespeare, and to recognize the universality of Shakespeare's themes in order to appreciate and enjoy his timeless works.

Requirements: include individual and group assignments and activities, active class participation, and a final project.

Offered: half-year course **Credit Type:** elective credit

SPEECH AND DEBATE (C0033)**½ credit****Grade level: 9-12**

This course gives students both the strategies and the opportunity to deliver a variety of speeches: introducing oneself, demonstrating a skill, delivering a dramatic recitation, and engaging in an impromptu speech. Students develop a deeper understanding of logos, pathos, and methods, the three modes of rhetoric, and various rhetorical techniques that improve both written and oral arguments. Students also learn how to spot and avoid fallacies and unethical appeals. Applying what they learn in the earlier speeches, students engage in Oxford style debates before a variety of audiences. To prepare for these events, students research controversial topics that interest them and learn strategies that help them argue either side of the controversy, refute opponents' arguments, and defend their positions. The most important objective of the class is to help students develop greater confidence in public speaking and to develop the communication, critical thinking, and collaboration skills necessary for success in college and the workplace.

Offered: half-year course **Credit Type:** elective credit

TALES OF MYSTERY AND SUSPENSE (C0028)**½ credit****Grade Level: 9-12**

This course will investigate the various techniques and characteristics typical of mystery, thriller-suspense writing and will explore the many forms of the mystery genre, from whodunit to thriller, from private eye to police procedural. The course will acquaint students with typical characteristics of mystery fiction as they play the role of "detective", working to gather clues, question suspects, record notes, and solve crimes. Analyzing various short stories, old time radio programs, plays, and participating in interactive games and activities, student investigators will discover the "truths" of the mystery genre.

Offered: half-year course **Credit Type:** elective credit

TALES OF TERROR AND THE SUPERNATURAL (C0016)**½ credit***(not offered in the 2024-2025 school year)***Grade Level: 9-12**

The course is centered around an exploration into how we respond to frightening stimuli and how this translates into literature. The course also studies various film and editing techniques (including camera angles and lighting), explores myths and monsters from around the world, and analyzes horror themes in (both print and film) through the decades. Contemporary authors such as Stine, King, and Bloch will unveil the darker side of the literary mind.

Offered: half-year course **Credit Type:** elective credit

HEALTH AND SAFETY EDUCATION

ALL ELECTIVES AND AP COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

HEALTH - GRADE 8 - REQUIRED UNIFIED ARTS ROTATION (C0980)

no credit

This 5 week required unified arts health course is rotated with a required 5 week unified arts Computer Science Course, resulting in one full marking period. This course of study will explore topics of wellness and assessment of risk factors. Students will examine their lifestyle in relationship to nutrition, communicable diseases, cancer, heart disease, substance abuse, physical fitness and safety. This course builds on the middle school health rotation.

HEALTH (C0152 or C0150)

½ credit

Grade Level: 10-12

Each student is required to complete one half credit in health education for graduation. The course continues and expands upon the topics covered in earlier grades. This course is designed to give students the opportunity to examine information and to develop attitudes that will have a positive effect on their health behavior. Health will also further develop decision-making skills that deal with total well-being. Topics will include mental health; suicide, eating disorders, disease prevention, substance abuse, human sexuality, safety, and other health related areas.

Offered: half year course or full year alternate day course. **Credit Type:** core credit

INTRODUCTION TO SPORTS MEDICINE (C0153)

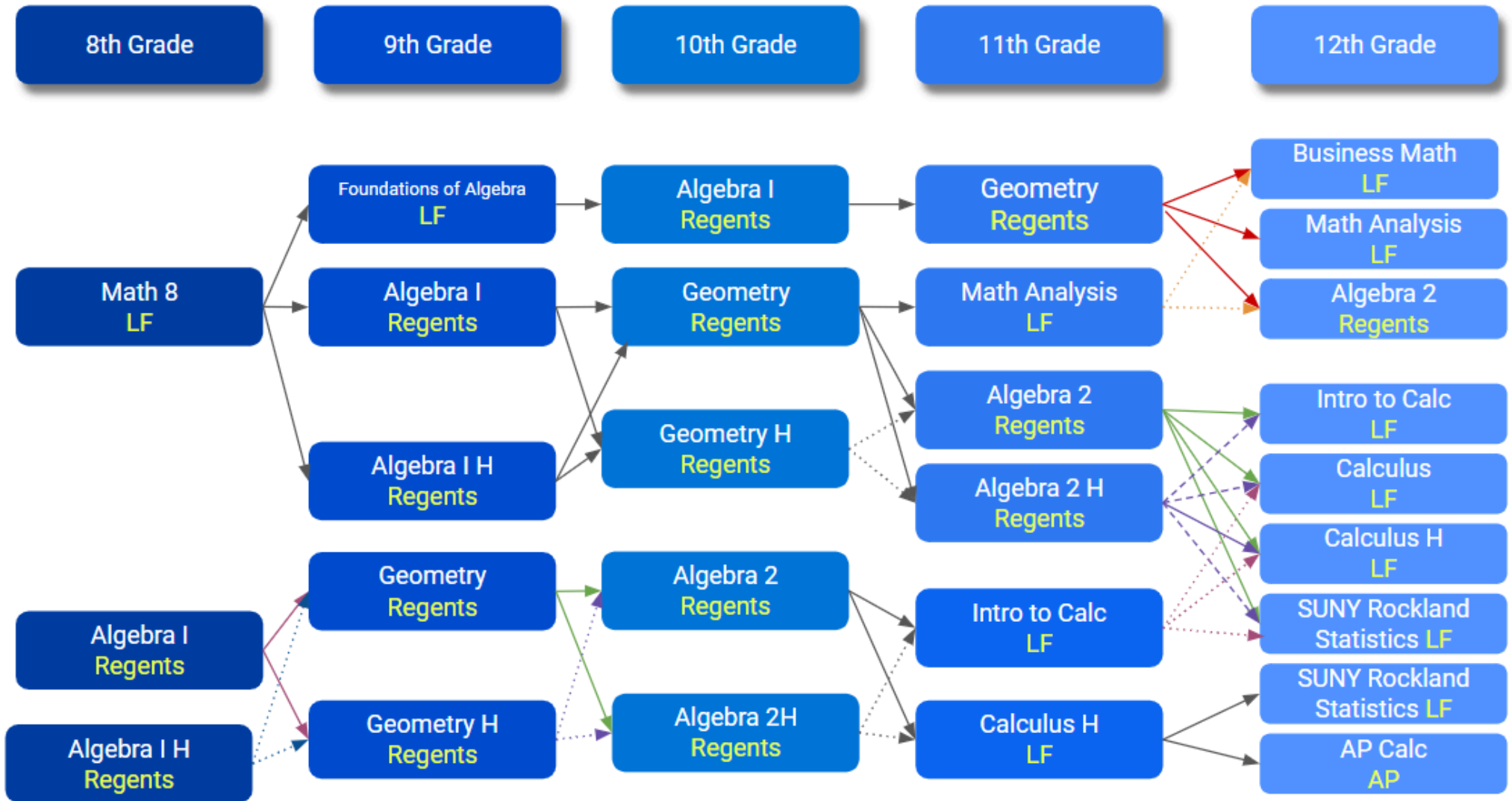
½ credit

Grade Level: 9-12

This course is designed to help students understand the connection between athletics and health. Students will examine the physical and physiological changes that occur in the body as a result of exercise and proper nutrition. The course will focus on knowledge and skills in the area of injury prevention, recognition and treatment.

Offered: half year course **Credit Type:** elective credit

MATHEMATICS Course Progression



*LF means Local Final

MATHEMATICS

ALL ELECTIVES AND AP COURSE WILL BE AVAILABLE, DEPENDING ON BUDGET CONSTRAINTS AND SUFFICIENT ENROLLMENT.

Within the Mathematics program, there are a variety of sequence options which students may pursue depending upon ability and interest. Students should consult with and rely on the recommendations of teachers and counselors in selecting mathematics courses. Students must pass the Algebra Regents and earn three credits of math in order to graduate.

MATHEMATICS 8 (C0300)

no credit

Grade Level: 8

This course follows the Common Core Curriculum provided by NYS. Math 8 includes but is not limited to the following topics: the application of algebraic concepts for problem solving, linear equations, graphing linear equations and functions.

Requirements: students are required to take a Common Core State test for this course and a final exam.

Offered: full year course.

MATH 8 SUPPORT LAB (C0934)

no credit

Grade Level: 8

This is a Math 8 specific skills based non-credit course. Students enrolled in Math 8 lab receive support to help them grow and develop specific skills to support their work in their Math 8 course. It is essential for students to be active participants in the learning process. Students are expected to be interactive and prepared with questions of concepts that they are having difficulty solving. The instructor uses multiple resources and supplementary material that matches the subject matter currently being covered in the Math 8 course, to help students be successful in their course assessments. Lab is also used throughout the year to help students cycle back to previous topics throughout the course and build towards a better understanding of the cumulative material in the course. Enrollment is fluid based on student performance in Math 8 class and is not optional. Students will be continuously monitored to determine if lab placement criteria is being met.

Qualification: Students who have been identified as needing academic support.

Offered: Course meets every other day. Duration is contingent on student need.

FOUNDATIONS OF ALGEBRA (C0301)

1 credit

Prerequisite: Math 8 & Teacher recommendation

The Foundations of Algebra course is designed to introduce students to the topics and skills used in the Algebra Regents course. Units of study include solving multi-step equations including quadratic equations, data representation and analysis, and an in-depth investigation into the world of functions. This course may be used as one credit of the three Math credits required for a Local diploma or for a Regents diploma. This course may not be used as part of the three year sequence for an Advanced Regents diploma.

Requirements: students are required to take a final exam in June.

Offered: full year course **Credit Type:** core credit

FOUNDATIONS OF ALGEBRA SUPPORT LAB (C0929)**no credit**

This is a Foundations of Algebra specific skills based non-credit course. Students enrolled in Foundations of Algebra lab receive support to help them grow and develop specific skills to support their work in their Foundations of Algebra course. It is essential for students to be an active participant in the learning process. Students are expected to be interactive and prepared with questions of concepts that they are having difficulty solving. The instructor uses multiple resources and supplementary material that matches the subject matter currently being covered in the Foundations of Algebra course, to help students be successful in their course assessments. Lab is also used throughout the year to help students cycle back to previous topics throughout the course and build towards a better understanding of the cumulative material in the course. Enrollment is fluid based on student performance in Foundations of Algebra class and is not optional. Students will be continuously monitored to determine if lab placement criteria is being met.

Qualification: Students who have been identified as needing academic support.

Offered: Full year course meeting every other day.

ALGEBRA I (C0304)**1 credit**

Prerequisite: Math 8 or Pre-Algebra (MS). Math 7 students who achieve an end of the year average of 90% or higher may qualify for Algebra if they complete a summer Algebra Prep Course in the summer before 8th grade.

This is the first course in the Regents sequence and follows the Common Core curriculum provided by NYS. This course includes but is not limited to the following topics: equations, inequalities, polynomials, factoring, word problems, radicals, statistics, functions, solving quadratic equations and graphing and analyzing functions. This course may be used as one of the three Math credits required for a Local diploma, a Regents diploma, or for an Advanced Regents diploma.

Requirements: students are required to take a Common Core Regents Exam in June.

Offered: full year course **Credit Type:** core credit

ALGEBRA I SUPPORT LAB (C0932)**no credit**

This is an Algebra I specific skills based non-credit course. Students enrolled in Algebra I lab receive support to help them grow and develop specific skills to support their work in their Algebra I Regents course. It is essential for students to be an active participant in the learning process. Students are expected to be interactive and prepared with questions of concepts that they are having difficulty solving. The instructor uses multiple resources and supplementary material that matches the subject matter currently being covered in the Algebra I Regents course, to help students be successful in their Regents course assessments. Lab is also used throughout the year to help students cycle back to previous topics throughout the course and build towards a better understanding of the cumulative material in the course. Enrollment is fluid based on student performance in Algebra class and is not optional. Students will be continuously monitored to determine if lab placement criteria is being met.

Qualification: Students who have been identified as needing academic support.

Offered: Course meets every other day. Duration is contingent on student need.

ALGEBRA I HONORS (C0303)**1 credit**

Prerequisites: A final course grade of 92 in previous year's Pre-Algebra course. Honors course decisions will be made after final grades are determined.

This is the first course in the Regents sequence and follows the Common Core curriculum provided by NYS. This course will be a rigorous course, presenting opportunities for enrichment and challenge. It is expected that students have a strong work ethic and a commitment to the study of mathematics. This course includes but is not limited to the following topics: equations, inequalities, polynomials, factoring, word problems, radicals, statistics, functions, solving quadratic equations, and graphing and analyzing functions. This course may be used as one of the three math credits required for a Local diploma, a Regents diploma, or for an Advanced Regents diploma.

Requirements: students are required to take a Common Core Regents Exam in June.

Offered: full year course **Credit Type:** core credit

GEOMETRY (C0307)**1 credit**

Prerequisite: Algebra I

This is the second course in the Regents sequence and follows the Common Core curriculum provided by NYS. This course includes but is not limited to the following topics: polygons, geometric proofs, similarity, transformations, circles, constructions, solids and trigonometry. This course may be used as one of the three math credits required for a local diploma, a Regents diploma, or for an Advanced Regents diploma.

Requirements: students are required to take a Common Core Regents Exam in June.

Offered: full year course **Credit Type:** core credit

GEOMETRY SUPPORT LAB (C0933)**no credit**

This is a Geometry specific skills based non-credit course. Students enrolled in Geometry lab receive support to help them grow and develop specific skills to support their work in their Geometry Regents course. It is essential for students to be an active participant in the learning process. Students are expected to be interactive and prepared with questions of concepts that they are having difficulty solving. The instructor uses multiple resources and supplementary material that matches the subject matter currently being covered in the Geometry Regents course, to help students be successful in their Regents course assessments. Lab is also used throughout the year to help students cycle back to previous topics throughout the course and build towards a better understanding of the cumulative material in the course. Enrollment is fluid based on student performance in their Geometry class and is not optional. Students will be continuously monitored to determine if lab placement criteria is being met.

Qualification: Students who have been identified as needing academic support.

Offered: Full year course meeting every other day.

GEOMETRY HONORS (C0306)**1 credit**

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's Algebra I course, final Regents exam grade of 90 in previous year's Algebra course, final course grade of 87 in previous years Algebra I Honors course, standardized test score at or above the 75th percentile.

This is the second course in the Regents sequence that follows the common core curriculum provided by NYS. This course includes but is not limited to the following topics: polygons, geometric proofs, similarity, transformations, circles, constructions, solids and trigonometry. This is a rigorous course, providing opportunities for enrichment and challenge in each unit. It is expected that students have a strong work ethic and a real commitment to the study of mathematics.

Requirements: students are required to take a Common Core Regents Exam in June. This course may be used as one of the three math credits required for a Local diploma, a Regents diploma, or for an Advanced Regents diploma.

Offered: full year course **Credit Type:** core credit

ALGEBRA II (C0322)**1 credit**

Prerequisite: Algebra I and Geometry

This is the third course in the mathematics Regents sequence. This course includes but is not limited to the following topics: rational expressions, quadratic equations, imaginary numbers, functions, logarithms, trigonometry, probability, statistics, sequences, and series. This course may be used as one of the three math credits required for a Local diploma, a Regents diploma, or for an Advanced Regents diploma.

Requirements: Students are required to take a Common Core Regents Exam in June.

Offered: full year course **Credit Type:** core credit

ALGEBRA II SUPPORT LAB (CO942)**no credit**

This is an Algebra II specific skills based non-credit course. Students enrolled in Algebra II lab receive support to help them grow and develop specific skills to support their work in their Algebra II Regents course. It is essential for students to be an active participant in the learning process. Students are expected to be interactive and prepared with questions of concepts that they are having difficulty solving. The instructor uses multiple resources and supplementary material that matches the subject matter currently being covered in the Algebra II Regents course, to help students be successful in their Regents course assessments. Lab is also used throughout the year to help students cycle back to previous topics throughout the course and build towards a better understanding of the cumulative material in the course. Enrollment is fluid based on student performance in Algebra II class and is not optional. Students will be continuously monitored to determine if lab placement criteria is being met.

Qualification: Students who have been identified as needing academic support.

Offered: Full year course meeting every other day.

ALGEBRA II HONORS (C0321)**1 credit**

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's Geometry course, final Regents exam grade of 90 in previous year's Geometry course, final course grade of 87 in previous years Geometry Honors course, standardized test scores at or above the 75th percentile.

This is the third course in the mathematics Regents sequence. This course will be a rigorous one, presenting opportunities for enrichment and additional applications. It is expected that students have a strong work ethic and a commitment to the study of mathematics. This course includes: rational expressions, quadratic equations, imaginary numbers, functions, logarithms, trigonometry, probability, statistics, sequences and series, among others. This course may be used as one of the three math credits required for a Local diploma, a Regents diploma, or for an Advanced Regents diploma.

Requirements: Students are required to take a Regents exam in June.

Offered: full year course **Credit Type:** core credit

MATH ANALYSIS (C0311)**1 credit**

Prerequisite: Algebra I, Geometry & Teacher Recommendation

Students may choose to take this course in preparation for Algebra II. This course includes but is not limited to the following topics: functions, complex numbers, trigonometry, statistics, rational expressions, quadratic equations, imaginary numbers, and logarithms. This course may be used as one of the three math credits required for a Local diploma or a Regents diploma. This course may not be used as part of the three year sequence for an Advanced Regents Diploma. The Algebra II Course and Regents exam would still be required for the Advanced Regents Diploma.

Requirements: Students are required to take a final exam in June.

Offered: full year course **Credit Type:** core credit

BUSINESS MATHEMATICS (C0501)**1 credit**

Prerequisite: Math Teacher Recommendation

This course begins with a review of core topics such as fractions, decimals, order of operations, percent, functions and other mathematical skills needed for college level mathematics courses. The course will also include practical mathematics in business and finance, with an emphasis placed on long term financial planning, comparison shopping and the fundamentals of budgeting, taxation and accounting. A background in basic mathematical skills and ability to problem solve are necessary for success in the course. This course may be used as one of the three math credits required for a Local diploma or a Regents diploma. This course may not be used as part of the three year sequence for an Advanced Regents diploma.

Requirements: Students are required to take a final exam in June.

Offered: full year course **Credit Type:** core credit

INTRODUCTION TO CALCULUS (C0312)**1 credit**

Prerequisite: Algebra II

This course is designed to prepare students for calculus and college level math. The primary emphasis will be on the study of those functions and graphs which underlie elementary calculus. This course includes but is not limited to the following topics: polynomial, rational, trigonometric, exponential, logarithmic and special functions, the introduction to the concept of the limit and derivatives.

Requirements: Students are required to take a final exam in June.

Offered: full year course **Credit Type:** core credit

CALCULUS (C0313)**1 credit****Prerequisite: Algebra II and Teacher Recommendation**

This course covers many traditional precalculus and calculus topics such as finding rational roots, asymptotes, curve sketching, solving systems and limits. An introduction to continuity, derivatives and applications of derivatives as rates of change will be explored providing a strong foundation for students that are planning to take calculus in college.

Requirements: Students are required to take a final exam in June.

Offered: full year course **Credit Type:** core credit

CALCULUS HONORS (C0315)**1 credit****Prerequisite: Algebra II and teacher recommendation**

This course, a continuation of the honors program, introduces students to the calculus curriculum. A rigorous study of such concepts include but are not limited to: functions, limits, and derivatives as rates of change. This course will provide a foundation for the college-bound calculus student.

Requirements: Students are required to take a final exam in June.

Offered: full year course **Credit Type:** core credit

AP CALCULUS AB (C0314)**1 credit****Suggested Prerequisite: Calculus Honors**

AP Calculus AB is an introductory college-level course. Building on the topics from Calculus honors students will cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally. Students will have to use definitions, theorems and abstract concepts to build arguments and make conclusions as they explore concepts such as exponential and logarithmic functions, differential equations, volumes and accumulated change.

Requirements: The AP Exam is a course requirement and has a fee of approximately \$99 (price subject to change).

Offered: full year course **Credit Type:** core credit

MATHEMATICS ELECTIVE PROGRAM

ALL ELECTIVE COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

RCC STATISTICS (C0318)

½ credit

Grade Level: 11-12

Prerequisite: Students must enroll with SUNY Rockland to take this half year course at the high school.

Review of high school transcript may be needed to qualify for the course.

The SUNY Rockland Statistics course (MAT 125) is intended for students whose major area of study is psychology, sociology, economics, business, engineering, or education. Topics include probability, distributions, sampling, confidence intervals, hypothesis testing, inferences about means, proportions and standard deviations, correlation and regression, analysis of variance and non-parametric tests of hypotheses. The cost of the course is approximately \$65 per semester (price subject to change).

Offered: half year course **Credit Type:** elective credit through PRHS; 4 credits through SUNY Rockland

MUSIC Course Progression

8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Jr Band	Jr Band	Concert Band	Concert Band	Concert Band
Jr Orchestra	Jr Orchestra	Orchestra	Orchestra	Orchestra
Chorus	Chorus	Chorus	Chorus	Chorus
		Jazz Band/ Contemporary Strings/ Jazz Choir	Jazz Band/ Contemporary Strings/ Jazz Choir	Jazz Band/ Contemporary Strings/ Jazz Choir

Student must have 7th period lunch or a 7th period class that meets every other day

UA Music

1 quarter of year long UA rotation. Required for all 8th graders



Semester courses-can be taken any time in grades 9-12.
Fulfills fine arts elective requirement

MUSIC

ALL ELECTIVES AND AP COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

GENERAL MUSIC (C0980) - Required Unified Arts Rotation

no credit

Grade Level: 8

Unified Arts - Music is a listening oriented program during which students discuss the history of music from Ancient times to present day. Daily listening, journal entries and discussions focus on relating the history of music to students' daily lives. Additionally, students will complete projects, homework, notebook checks, and weekly quizzes and participate in in-class activities in an attempt to develop a true understanding of the interdependent relationship between music and society.

CONCERT CHOIR (C0680)

½ credit / 1 credit

A largely performance based course which touches on the basics of singing, sight reading, vocal anatomy, and performance etiquette.

Requirements: mandatory participation in the Winter Concert and Spring Concert, group voice lessons (2 per quarter), occasional parts quizzes, and daily participation in singing, breathing, and music reading exercises.

Offered: full year/half year/alternate day course **Credit Type:** Fine Arts requirement and/or elective credit

JAZZ CHOIR (C0638)

½ credit

Prerequisite: audition required

A completely performance based course where singers learn Jazz, Contemporary, and Broadway Songs as well as minimal choreography.

Requirements: mandatory participation in the Winter Pops Concert and Spring Pops Concert as well as various community performances throughout the year.

Offered: full year / alternate day course **Credit Type:** Fine Arts requirement and/or elective credit

MUSIC THEORY (C0635)

½ credit

This course focuses on music fundamentals (rhythm, note values, notation, scales, and harmony). Its primary goal is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a musical composition.

Offered: full year / alternate day course **Credit Type:** elective credit

JUNIOR BAND (C0644)**½ credit / 1 credit****Grade Level: 8-9 and selected 10th-12th graders who may be new to the music program****Prerequisite: participation in Middle or High School Band, or Director approval**

The concepts and skills learned in Junior Band will allow students to be successful in the upper level band the following school year. On a daily basis, students will work on basic theory concepts, individual instrument technique, ensemble technique and basic composition. Students will participate in regularly scheduled pullout lessons, which will focus on individual technique, instrument care and maintenance as well as small ensemble technique.

Requirements: students are required to participate in quarterly assessments as well as the winter and spring concerts.

Offered: full year course **Credit Type:** Fine Arts requirement and/or elective credit

BAND (C0640)**½ credit / 1 credit****Grade Level: 10-12****Prerequisite: Junior Band or Director approval**

Students within the Pearl River High School Band will perform two concerts a year as well as provide music for other various school and community activities. On a daily basis, students will work on individual instrumental technique, ensemble technique, basic theory concepts as well as basic composition. Students will also participate in regularly scheduled pullout lessons, which will focus on individual technique as well as small ensemble technique.

Requirements: students are required to participate in quarterly assessments as well as the winter and spring concerts.

Offered: full year/half year/alternate day course **Credit Type:** Fine Arts requirement and/or elective credit

JAZZ BAND (C0637)**½ credit****Prerequisite: audition required**

A completely performance based course where band players of all kinds (guitar, bass, and drum set as well) learn to play various subgenres of jazz, rock, pop and fusion. We will focus on song form and improvisation, as well as jazz theory/ arranging.

Requirements: mandatory participation in the Winter Pops Concert and Spring Pops Concert.

Offered: full year / alternate day course **Credit Type:** Fine Arts requirement and/or elective credit

HISTORY OF MUSIC I (C0633)**½ credit****Grade Level: 9-12**

Students will explore the cultural, historical, and musical background of American Popular Music. Course activities will explore cultural connections, how music reflects social and cultural awareness and technological developments that affect the evolution of popular music. Each unit will focus on a different genre musical, or decade, and contain lessons based on the National Core Arts Standards of Creating/Presenting/Performing/Producing, Responding and Connecting with variable tasks.

Offered: half year course **Credit Type:** Fine Arts requirement and/or elective credit

HISTORY OF MUSIC II (C0631)

½ credit

Grade Level: 9-12

Prerequisite: History of Music I

Students will continue to explore the culture, historical, and musical background of American Popular Music. Course activities will explore cultural connections, how music reflects social and cultural awareness, and technological developments that affect the evolution of popular music. This semester will explore the various types of media, music videos, vlogs, blogs and other tech available. Each unit will focus on a different genre musical, or decade, and contain lessons based on the National Core Arts Standards of Creating, Presenting/Performing/Producing, Responding and Connecting with variable tasks.

Offered: half year course **Credit Type:** Fine Arts requirement and/or elective credit

JUNIOR ORCHESTRA (C0694)

½ credit / 1 credit

Grade Level: 8-9 and selected 10th-12th graders who may be new to the music program

Prerequisite: participation in Middle or High School Orchestra, or Director approval

Junior orchestra is a performing group open to string players in grades 8 & 9 and older students who are learning a string instrument for the first time*. The concepts and skills learned in Junior Orchestra will prepare students for the more challenging music performed by the 10-12 orchestra. On a daily basis, students will work on basic theory concepts, individual instrument techniques, as well as ensemble technique. Students will participate in regular scheduled pullout lessons, with a focus on skills and techniques specific to their instrument. The members of the Junior Orchestra perform at annual concerts and also participate in local and state music festivals and competitions.

***Students who are learning an instrument for the first time will attend 8 lessons per quarter. Beginners will follow a modified curriculum in orchestra class and readiness for performance in the concert/s will be assessed by the teacher.**

Requirements: Mandatory participation in Winter and Spring Concerts, group lessons (4-5 per quarter), playing quizzes and exams, and graduation ensemble.

Offered: full year/half year/alternate day course **Credit Type:** Fine Arts requirement and/or elective credit

ORCHESTRA (C0690)

½ credit / 1 credit

Prerequisite: Junior Orchestra or Director approval

Orchestra is a performing group open to string players in grades 10-12 interested in playing music from the standard classical orchestral repertoire as well as music from the modern and pop/rock genres. The members of the orchestra perform at annual concerts and also participate in local and state music festivals and competitions.

Requirements: mandatory participation in the National Honor Society induction ceremony, Winter Concert and Spring Concert, group lessons (5 per quarter), written tests and quizzes, and playing exams.

Offered: full year/half year/alternate day course **Credit Type:** Fine Arts requirement and/or elective credit

CONTEMPORARY STRING ENSEMBLE (C0639)

½ credit

Prerequisite: audition and/or teacher recommendation

A completely performance-based course open to string players (including electric bass) and percussionists. Players will learn music from the modern, pop, and rock genres as well as improvisation skills and performance techniques.

Requirements: mandatory participation in Winter Pops Concert and Spring Pops Concert.

Offered: full year / alternate day course **Credit Type:** Fine Arts requirement and/or elective credit

PHYSICAL EDUCATION

The Physical Education program prepares students in the areas of fitness, social leadership, team and recreational play, and working with others. The emphasis is upon participation. Opportunities are provided for the individual to act in situations that are physically wholesome, mentally stimulating, satisfying, and socially and educationally sound. Activities are planned and organized on a co-educational basis. Fitness and classroom tests are part of the evaluation process. All students are required to include Physical Education in their programs each year.

GRADE 8 PHYSICAL EDUCATION (C0700)

no credit

Individual, dual and team sports are offered. There is an emphasis on team sports, an introduction to carry-over lifetime activities, and a decided effort is made to interest students in intramural and interscholastic competition.

Offered: The course meets daily for a full year. Eighth grade students who are enrolled in Earth Science/Learning Labs will take physical education classes every other day for the year. **Credit Type:** Requirement

GRADES 9-12 PHYSICAL EDUCATION (C0720/C0721)

½ credit

Students are exposed to a program of activities that have a carry-over value for later in life. A variety of life-time activities, personal and social leadership skills and team sports are offered.

Offered: Full year - every other day **Credit Type:** NYS mandated graduation requirements

SCIENCE Course Progression

Regents

8th

• Science 8

9th

• Regents Earth
Science

10th

• Regents Living
Environment

11th

• Regents
Chemistry

12th

• Intro to Physics
• Marine Science
• Health & Wellness



Science Course Progression

Honors

8th

• Honors Earth
Science

9th

• Honors Living
Environment

10th

• Honors
Chemistry

11th

• AP Biology
• AP Chemistry
• AP Environmental
Science
• College Physics
• SUPA Forensics

12th

• AP Biology
• AP Chemistry
• AP Environmental
Science
• College Physics
• SUPA Forensics

Project Lead The Way Course Sequence:

1. PLTW Principles of Biomedical Science (9-12)
2. PLTW Human Body Systems (10-12)
3. PLTW Medical Interventions (11-12)
4. PLTW Biomedical Innovations (12)

SCIENCE

ALL ELECTIVES AND AP COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

Within the Science program, there are a variety of programs students may pursue depending upon ability and interest. Students should rely on the recommendation of their teachers and counselors in selecting that sequence. The standard science sequence is Science 8, Earth Science, Living Environment, Chemistry, and Physics.

AIS SCIENCE LABS (C0935, C0937, C0938, C0950)

no credit

These are skills based non-credit courses, which provide support for students with identified needs in their Regents level science courses. Enrollment is fluid based on student performance in their science class and is not optional. Parents/guardians will be notified in writing of any change in enrollment status.

Qualification: Students who have been identified as needing academic support.

Offered: Course meets every other day. Duration is contingent on student need.

SCIENCE 8 (C0101)

no credit

Grade Level: 8

This course includes units that address the New York State Science Learning Standards (Middle Level Standards Grades 6-8). This course introduces major topics that will be covered in depth during the Regents Science sequence. Students will perform a number of laboratory experiments, including state-mandated investigations.

Requirements: students are required to take the New York State Grade 8 Intermediate-Level Science Test in May

Offered: full year course

PHYSICAL SETTING/EARTH SCIENCE (C0103)

1 credit

Grade Level: 9

This course emphasizes the utilization of the scientific process in conjunction with experimentation in order to foster understanding of concepts and apply problem solving techniques as they apply to the topics of meteorology, geology, oceanography and astronomy.

Requirements: successful completion of the laboratory program is a state-mandated prerequisite for admission to the Regents examination in Earth Science. A minimum of 30 hours of laboratory work is required and satisfactory laboratory reports must be submitted. The Regents exam is taken in June.

Offered: full year course **Credit Type:** core credit

PHYSICAL SETTING/EARTH SCIENCE HONORS (C0100)**1 credit****Grade: 8**

Prerequisites: Teacher and counselor recommendation, final course grade of 90 and final exam grade of 90 in previous year's Science course, standardized test score (reading and math) at or above 75 percentile. It is recommended students be in an accelerated Mathematics class.

It should be noted that students entering this rigorous course will be enrolled in a high school honors level course and that the final grade will appear on the students' transcript. This course requires advanced math and reasoning skills. Students will utilize the scientific process in conjunction with experimentation to foster understanding of concepts and apply problem solving techniques as they apply to the topics of meteorology, geology, oceanography and astronomy.

Requirements: successful completion of the laboratory program is a state-mandated prerequisite for admission to the Regents examination in Earth Science. A minimum of 30 hours of laboratory work is required and satisfactory laboratory reports must be submitted. The Regents exam is taken in June.

Offered: full year course **Credit Type:** core credit

LIVING ENVIRONMENT (BIOLOGY) (C0106)**1 credit****Grade Level: 10****Prerequisites:** Earth Science

This course provides students with an awareness of the natural world, basic scientific concepts, use of inductive reasoning, and a basic understanding of biological processes and generalizations. Topics include biochemistry, cells, reproduction, genetics, evolution, human body systems and ecology. There are many laboratory experiments that will be conducted throughout the course.

Requirements: successful completion of 30 hours of laboratory work along with satisfactory lab reports must be submitted as a prerequisite for admission to the Regents Exam in June.

Offered: full year course **Credit Type:** core credit

LIVING ENVIRONMENT HONORS (C0104)**1 credit****Grade Level: 9**

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's Earth Science course or final course grade of 88 in previous years' Earth Science Honors course, Regents exam grade of 90 in previous year's Earth Science course, final standardized test score at or above the 75th percentile.

Description: This course provides students with an awareness of the living world, basic scientific concepts, critical thinking skills, and a general overview of biological processes. Some of these processes include biochemistry, the cell and cell processes, genetics, evolution, ecology, and human anatomy. A key component of the coursework will be successful completion of the state required lab work, including 4 state labs. Research papers and/or projects are required each semester. The honors program differs from the Regents program in the depth of the topics taught and the number of topics covered.

Suggested Co-requisite: Geometry

Requirements: successful completion of 30 hours of laboratory work along with satisfactory lab reports must be submitted as a prerequisite for admission to the Regents Exam in June.

Offered: full year course **Credit Type:** core credit

AP BIOLOGY (C0105)**1 credit****Grade Level: 11-12****Prerequisite: Living Environment and Chemistry**

AP Biology is a rigorous and demanding course, which is the equivalent of an introductory college biology course. Content will be covered in more depth and greater expectations will be placed on interpretation and analysis of information than previous biology courses. In addition, statistical analysis of data and modeling of concepts will be expected. A significant amount of studying must be completed at home to allow time for discussion, labs, and inquiry during class time. The curriculum has been redesigned with an emphasis on scientific thinking and analytical thinking has increased. The new AP Biology curriculum encompasses 4 'big ideas' with Essential Knowledge and Process Skills that support each one: Evolution, Cellular Processes, Genetics and Information, and Interactions.

Requirements: The AP Exam is a course requirement that has a fee of approximately \$99 (price subject to change).

Offered: full year course **Credit Type:** core credit

PHYSICAL SETTING/CHEMISTRY (C0109)**1 credit****Grade Level: 10-12****Prerequisites: Earth Science, Living Environment, and Algebra I****Suggested Co-requisite: Algebra II**

This course provides a rigorous presentation of the principles of chemistry. Topics include matter and energy, atomic theory, chemical bonding, stoichiometry, kinetics and equilibrium, acid and bases, electrochemistry, and organic chemistry. The course follows the Regents Core Curriculum in Chemistry, and requires abstract reasoning skills, and a considerable amount of problem-solving.

Requirements: Lab work is an essential and integral part of this course and students must complete the laboratory requirement (minimum of 30 hours), in order to sit for the Regents Exam in June.

Offered: full year course **Credit Type:** core credit

PHYSICAL SETTING/ CHEMISTRY: HONORS (C0114)**1 credit****Grade Level: 10-12****Prerequisites: Earth Science Honors, Living Environment Honors, and Algebra**

Teacher and counselor recommendation, final course grade of 90 in previous year's Living Environment course or final course grade of 87 in previous years' Living Environment Honors course, Regents exam grade of 90 in previous year's Living Environment course, final standardized test score at or above the 75th percentile.

Suggested Co-requisite: Algebra II

Honors chemistry is a laboratory-oriented course which offers the student a strong background in modern inorganic and organic chemistry. The course is highly mathematical and abstract in nature.

Requirements: a minimum of 50 hours of laboratory work is required and satisfactory laboratory reports must be completed. Research papers or projects are required each semester. The Regents exam must be taken in June.

Offered: full year course **Credit Type:** core credit

AP CHEMISTRY (C0110)**1 credit****Grade Level: 11-12****Prerequisites: Chemistry, Algebra II**

This course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. The topics covered include but are not limited to: science process skills, atomic concepts, periodic table, chemical bonding, stoichiometry, solutions, kinetics, equilibrium, acids, bases, salts, electrochemistry and organic chemistry.

Requirements: The AP Exam is a course requirement and has a fee of approximately \$99 (price subject to change).

Offered: full year course **Credit Type:** core credit

INTRO TO PHYSICS (C0117)**1 credit****Grade Level: 11-12****Prerequisites: Chemistry, Geometry, & Algebra I**

Introduction to Physics is a laboratory based course which offers students an entry-level understanding of high school and college physics. In this course students will explore real-world applications of topics such as motion, forces, energy, and many more. Through the study of physics, students will build stronger problem-solving and mathematics skills to better prepare them for higher level learning.

Offered: full year course **Credit Type:** core credit

COLLEGE PHYSICS (PHYSICS 101 SUNY Rockland) (C0118)**1 credit****Grade Level: 11-12****Prerequisites: Chemistry, Geometry, & Algebra II**

College Physics is a rigorous and demanding introductory physics course using practical application of geometry and algebra. Topics to be covered in the college sequence include: One Dimensional Kinematics, Two Dimensional Kinematics, Dynamics, Rotational Dynamics, Momentum & Impulse, Work, Power & Energy, Fluid Dynamics, and Waves & Sound.

***Note: This course is offered through SUNY Rockland and therefore has a tuition fee that must be paid in order to participate. The cost of the course is approximately \$65 (price subject to change). Additional fees may apply.**

Offered: full year course **Credit Type:** core credit through PRHS; 4 credits through SUNY Rockland

SCIENCE ELECTIVE PROGRAM

ALL ELECTIVES AND AP COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

DEADLY OUTBREAKS (C0122)

½ credit

Grade Level: 10-12

Prerequisites: Living Environment

Deadly Outbreaks examines the science of public health with a focus on human communicable diseases. The class will examine major epidemics/pandemics of the PAST, such as: influenza, bubonic plague, cholera, and smallpox, of the PRESENT: HIV/AIDS, Ebola, and E.coli, and of the FUTURE: Planetary health and Bioterrorism. It will address essential questions, such as: How do major outbreaks spread, and how can they be prevented, contained and controlled? How have these diseases shaped history? How have these diseases shaped our understanding of the origin of diseases?

Offered: full year / alternate day course **Credit Type:** elective credit

MARINE SCIENCE (C0120)

½ credit

Grade Level: 11-12

Prerequisites: Earth Science and Living Environment

This course is designed to foster students' exploration of the features and processes of our oceans. Students learn how living and nonliving components of the ocean interact and the ocean's critical role for human civilization. Activities include field studies, projects, lab investigations, and data analysis. The course is a hands-on course with a great deal of time devoted to aquarium care. Topics include Sea floor features, Tides, Waves, Currents, Marine populations and ecosystems, Food webs, the Ocean-atmosphere system and climate, as well as Ocean resources.

Requirements: local final exam in January

Offered: fall semester **Credit Type:** elective credit

FRESHWATER/HUDSON RIVER ECOLOGY (C0121)

½ credit

Grade Level: 11-12

Prerequisites: Earth Science, Living Environment, and Marine Science

This course is a continuation of the Marine Science course but with a shift in focus from saltwater environments to freshwater, with particular emphasis placed on the Hudson River. Topics include Rivers, Lakes, Streams, Earth's water resources, Water pollution and conservation, Freshwater organisms, and Freshwater food webs.

Requirements: local final exam in June.

Offered: spring semester **Credit Type:** elective credit

AP ENVIRONMENTAL SCIENCE (C0123)**1 credit****Grade Level: 11-12**

Prerequisites: The course is an excellent option for anyone who has completed two years of high school laboratory science, for example, a year of Biology and a year of Chemistry. Due to the quantitative analysis that is required in the course, students should also have taken at least one year of Algebra.

The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. The goal is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Topics include Energy flow in ecosystems, Human Population Dynamics, Water Resources and water pollution, the Atmosphere and air pollution, Land Uses, Soil and Food Resources, Human Health, Risk, and Toxicology, Non-renewable and renewable energy resources, Solid and Hazardous Wastes, and Environmental Laws.

Requirements: The AP Exam is a course requirement and has a fee of approximately \$99 (price subject to change). A locally prepared final exam is required as well for course credit.

Offered: full year course. The class meets for a single period one day and a double period the following day, alternating on the school A/B day schedule. **Credit Type:** elective credit

This course is open to students in grades 11 and 12.

PROJECT ADVANCE FORENSIC SCIENCE (C0115)**1 credit****Grade Level: 12**

Syracuse University Project Advance Forensic Science (CHE 113) is focused upon the application of scientific methods to crime and law. In this course, science relevant to evidence detection and analysis will be explored. Emphasis is placed upon understanding the science behind the techniques used in evaluating physical evidence. Topics included are blood analysis, autopsies and death investigations, microscopic investigations of hair, DNA, anthropology, fiber comparison, ballistics, fingerprints, soil comparisons, and arson investigations among others. Students may earn four college credits upon successful completion of the course requirements.

Prerequisites: Chemistry

Requirements include: Teacher and counselor recommendation, final course grade of 75 or above in Regents/Honors Chemistry, Living Environment and Chemistry Regents exam grade of 75 or above; Four comprehensive exams and a completed laboratory investigation notebook. Students must be enrolled in Syracuse University to enroll in PA course at the high school level. Cost estimated \$460 for 4 college credits.

Offered: full year course **Credit Type:** elective credit through PRHS; 4 credits through Syracuse University

SCIENCE OF WELLNESS OF MIND AND BODY (C0125)**½ credit****Grade Level: 10-12**

This course explores the seven dimensions of wellness and the scientific benefits of each health. Wellness is the integration the seven dimensions of wellness, include physical, emotional, intellectual, social, spiritual, environmental, and occupational health. With the scientific understanding of these three entities, a healthy balance of wellness can be achieved. The benefits of each dimension will be researched, discussed, and, at times, demonstrated.

Offered: full year course / alternate day course **Credit Type:** elective credit

PLTW PRINCIPLES OF BIOMEDICAL SCIENCE H (C0126)

1 credit

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solving a mystery, diagnosing and proposing treatment to patients in a family medical practice, tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems. **Project Lead the Way (PLTW) courses are rigorous courses that engage students in hands-on, inquiry-based learning, grounded in real-world application. In addition, PLTW offers the option of college credit.**

Requirements: Must be a freshman currently enrolled in Honors Living Environment or sophomores enrolled in Living Environment.

Offered: full year course **Credit Type:** elective credit (Honor-bearing)

*****This course is the first in a sequence of four in Project Lead the Way (PLTW) Biomedical Science courses. Students will have the opportunity to earn up to 3 college credits from participating colleges if the minimum criteria are met for each of the courses in the pathway. It is anticipated that a new PLTW Biomedical elective will be added to the Program of Studies each year until the four courses are fully implemented.***

PLTW HUMAN BODY SYSTEMS H (C0127)

1 credit

Prerequisite: PLTW Principles of Biomedical Science H or teacher recommendation

Prerequisites: Must have successfully completed Living Environment, must be enrolled in Chemistry or Higher level Science Course

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal manikin; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. **Project Lead the Way (PLTW) courses are rigorous courses that engage students in hands-on, inquiry-based learning, grounded in real-world application. In addition to college credit, PLTW offers many potential opportunities for students as they consider future studies in the Biomedical field.**

Offered: full year course **Credit Type:** elective credit (Honor-bearing)

PROJECT LEAD THE WAY (PLTW) MEDICAL INTERVENTIONS H (C0128)

1 credit

Prerequisite: PLTW Human Body Systems H

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Offered: full year course **Credit Type:** elective credit (Honor-bearing)

PROJECT LEAD THE WAY (PLTW) BIOMEDICAL INNOVATION H (C0130)

1 credit

Prerequisites: PLTW Human Body Systems H and Medical Interventions H

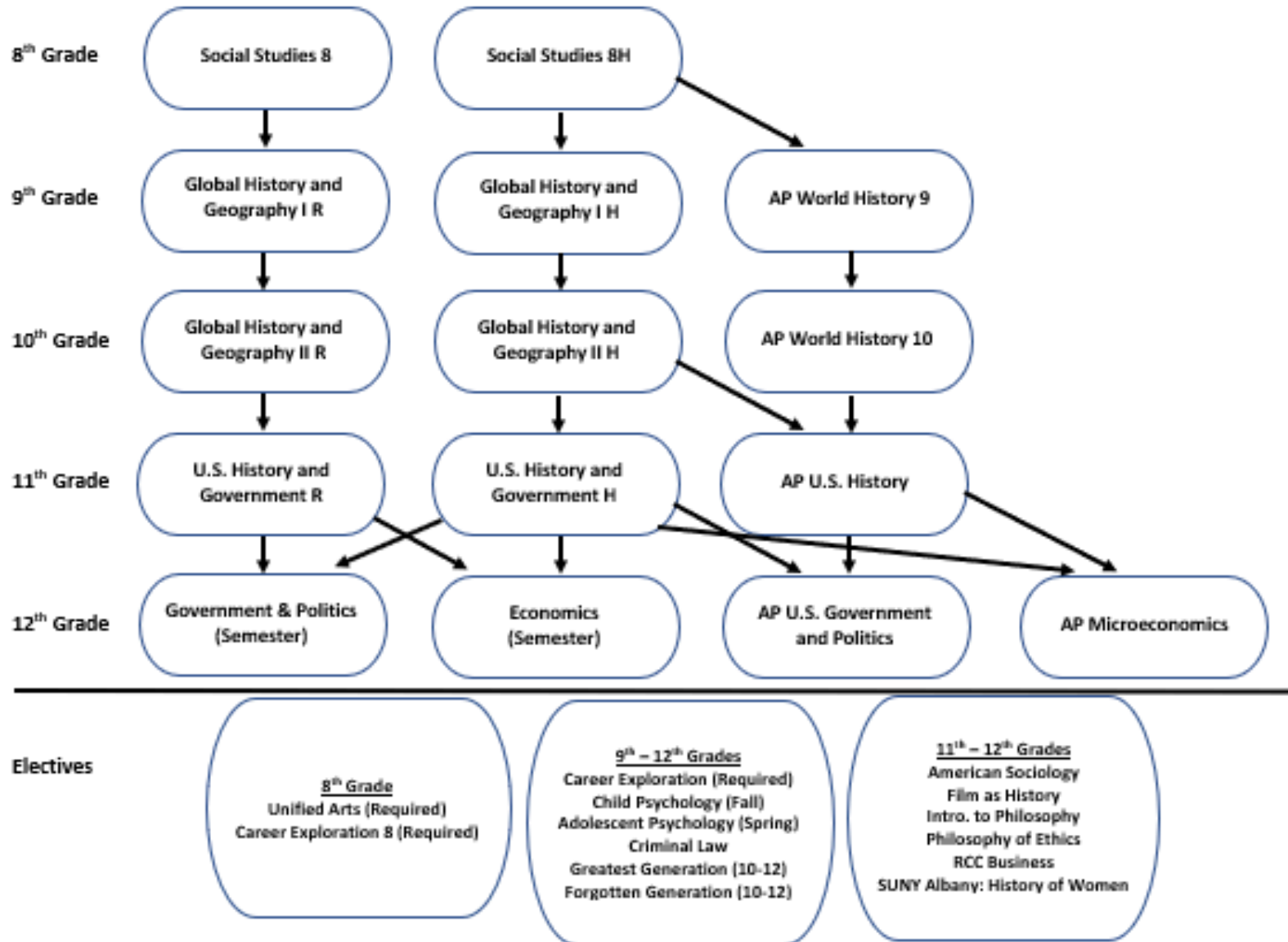
Students build on the knowledge and skills gained from previous courses to design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems. They will address topics such as clinical medicine, physiology, biomedical engineering, and public health.

Offered: full year course **Credit Type:** elective credit (Honor-bearing)

SOCIAL STUDIES Course Progression

Social Studies Department - Course Flowchart

- Arrows indicate typical course pathway
- AP World History 9 is a prerequisite for AP World History 10



SOCIAL STUDIES

ALL ELECTIVES AND AP COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

Each student is required to complete four credits in Social Studies, including Global History and Geography 9 and 10, United States History and Government, Economics, and Participation in Government in order to meet graduation requirements. At least one credit of Social Studies must be scheduled in each of a student's high school years. All students must pass both a Regents exam in Global Studies and Geography (10th grade), and U.S. History and Government (11th grade).

CAREER SKILLS (C0980) - Required Unified Arts Rotation

no credit

Grade Level: 8

This ten week course of study will provide students opportunities to apply communication, leadership, management, and thinking skills to career development. This class will encourage students to explore tentative career plans. Students will be given the opportunity to apply and process skills through learning experiences that will help them to anticipate the future, identify employability traits, and examine their relationship with the work environment. Students will also analyze the impact of participation in community activities on their families, school, work, and the community. Individualized and group assessments will be used to foster students' learning. Students will be exposed to Naviance and utilize this web-based program in order to plan and organize career and college plans.

SOCIAL STUDIES SUPPORT LAB

no credit

Grade level: 8-12

This is a social studies skill based non-credit course. Students enrolled in social studies lab receive support to help them develop specific skills to support their work in their social studies course. Students are expected to be interactive and prepared with questions or areas of study that they are having difficulty with. The instructor uses multiple resources and supplementary material that matches the subject matter currently being covered in the social studies course, to help students be successful in their Regents course assessments.

Qualification: Students who have been identified as needing academic support.

Offered: Course meets every other day.

SOCIAL STUDIES 8 (C0201)**no credit****Grade Level: 8**

Grade 8 Social Studies focuses on a primarily chronological study of history and geography in the United States and New York as well as economic, social, and political trends. The course content first concentrates on tracing the human experience in the United States post-Civil War up to the end of World War II, and ends with the tracing of different themes in the United States from the post-War period up to the present day. The specific themes include the expansion and interaction of economic systems, the role of technology and global connections. Emphasis is placed, not just on a comprehensive study understanding of America's historical turning points but also on the development of academic skills such as the writing process, analysis of historical evidence, the ability to make informed claims, and evaluations of historical actions and time periods.

Requirements include: final exam**Offered:** full year course**SOCIAL STUDIES 8 HONORS (C0200)****no credit****Grade Level: 8**

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's or grade 7 course, final exam grade of 90 in previous year's grade 7 course, standardized test scores at or above the 75th percentile. Honors course decisions will be made after final grades are determined.

Grade 8H Social Studies focuses on a primarily chronological study of history and geography in the United States and New York as well as economic, social, and political trends. The course content first concentrates on tracing the human experience in the United States Post Civil War up to the end of World War II, and ends with the tracing of different themes in the United States from the post-War period up to the present day. The specific themes include the expansion and interaction of economic systems, the role of technology and global connections. Emphasis is placed, not just on a comprehensive study understanding of America's historical turning points but also on the development of academic skills such as the writing process, analysis of historical evidence, the ability to make informed claims, and evaluations of historical actions and time periods.

Requirements include: final exam, analyzing and integrating primary and secondary sources into writing tasks.**Offered:** full year course**GLOBAL HISTORY AND GEOGRAPHY 9 (C0203)****1 credit****Grade Level: 9**

Global History & Geography 9 is primarily based on the study of world history with several underlying themes, consisting of political, economic, geographic, and social factors. Through interpretation of the past, connections are made with each of these themes and conclusions will be drawn to evaluate the circumstances that have shaped world history. Specific historical turning points discussed in this course include Ancient River Valley Civilization, Belief Systems, Classical Civilizations, the Middle Ages, Renaissance, Scientific Revolution, and the Age of Exploration. Upon the conclusion of each unit of study, reflection and analysis will take place in order to predict the effects these events will have on the global community. Students will cite specific textual evidence, determine the central ideas of information, and analyze detail from primary and secondary sources. Additionally identify, analyze and evaluate multiple cause-and-effect relationships in historical periodization, distinguishing between the long-term and proximate.

Requirements include: final exam**Offered:** full year **Credit Type:** core credit

GLOBAL HISTORY AND GEOGRAPHY 9 HONORS (C0202)

1 credit

Grade Level: 9

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's grade 8 course, final exam grade of 90 in previous year's 8th grade course, final course grade of 87 in previous honor's level course, standardized test scores at or above the 75th percentile.

This course is the first of a two-year requirement that explores world history from the Paleolithic Era through the year 1750. Units of study include river valley civilizations, belief systems, the classical civilizations of Greece, Rome, India, China, and Mesoamerica, the Middle Ages, Renaissance, Age of Exploration, and Age of Absolutism. The course will focus on the interrelation of time periods throughout history and their impact on future societies. Students will be able to analyze cause-and-effect relationships in historical context, analyze and evaluate the dynamics of historical continuity and change over periods of time, and compare and contrast multiple historical developments within one society and across or between different cultures. They will also arrive at meaningful and persuasive understandings of the past by applying historical thinking skills, drawing on ideas from the classroom, as well as incorporating knowledge from primary and secondary source documents.

Requirements include: final exam

Offered: full year course **Credit Type:** core credit

AP WORLD HISTORY 9 (C0218)

1 credit

Grade Level: 9

Prerequisites: This course is an open-enrollment course available to all 9th grade students, however, it is strongly recommended that students consult with their 8th grade Social Studies teachers prior to committing to the course.

AP World History 9 course covers world history from the prehistoric period thru 1450. The AP World History program is a 2-year sequence in the 9th and 10th grade. AP World History 9 will emphasize cultural, intellectual, economic, social history and cross-historical connections. Students will build upon the skills learned in the 8th grade honors social studies course. Some of these skills include evaluating historical arguments, using compare and contrast skills across world history and interpreting history from a variety of viewpoints. The course is designed to provide students with the analytical and written skills associated with the Advanced Placement exam, which will be taken in May of the student's 10th grade year. Some of the major topics to be covered are: river valley societies, classical societies around the world (Persia, China, India, Greece, and Rome), major belief systems around the world (Judaism, Christianity, Confucianism, Buddhism, Hinduism, Jainism, Islam etc.)

Requirements: The AP Exam is a course requirement and will be taken at the end of the second year, in May of 10th grade. The AP Exam has a fee of approximately \$99 (price subject to change). Students will also take a final exam.

Offered: full year course **Credit Type:** core credit

GLOBAL HISTORY & GEOGRAPHY 10 (C0205)**1 credit****Grade Level: 10**

Global History & Geography 10 is primarily based on the study of world history with several underlying themes, consisting of political, economic, geographic, and social factors. As we interpret the past, connections are made with each of these themes and conclusions will be drawn as to evaluate the circumstances that have shaped world history. Specific historical turning points to be discussed in this course include the Enlightenment, the Age of Revolutions, Nationalism, the Industrial Revolution, Imperialism, World War I, the Russian Revolution, World War II, the Cold War, human rights violations, in addition to other significant 20th Century issues. Upon the conclusion of each unit of study, reflection and analysis will take place in order to predict the effects these events will have on the global community.

Requirements: The Global History & Geography II Regents Examination is taken as the final exam for the course.

Offered: full year course **Credit Type:** core credit

GLOBAL HISTORY & GEOGRAPHY 10 HONORS (C0208)**1 credit****Grade Level: 10**

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's Regents level course, final exam (Regents) grade of 90 in previous year's Regents level course, final course grade of 87 in previous honors level course, standardized test scores at or above the 75th percentile.

Global History & Geography 10 is primarily based on the study of world history with several underlying themes, consisting of political, economic, geographic, and social factors. As we interpret the past, connections are made with each of these themes and conclusions will be drawn as to evaluate the circumstances that have shaped world history. Specific historical turning points to be discussed in this course include the Enlightenment, the Age of Revolutions, Nationalism, the Industrial Revolution, Imperialism, World War I, the Russian Revolution, World War II, the Cold War, human rights violations, in addition to other significant 20th Century issues. In addition, the honors class will have the opportunity to explore historical topics in greater depth. Upon the conclusion of each unit of study, reflection and analysis will take place in order to predict the effects these events will have on the global community.

Requirements: Global History & Geography II Regents Examination is taken as the final exam for the course.

Offered: full year course **Credit Type:** core credit

AP WORLD HISTORY 10 (C0219)**1 credit****Grade Level: 10****Prerequisite: AP World History 9**

AP World History 10 course covers world history from 1450 thru the present. The AP World History program is a 2-year sequence in the 9th and 10th grade. AP World History 10 will further emphasize cultural, intellectual, economic, social history and cross-historical connections. Students will build upon the skills they learned in AP World History 9. In addition to historical argument, comparison and interpretation, students will learn to analyze periodization and change over time. They will understand how to understand and use turning points in their written analysis of history. The course is designed to provide students with the analytical and written skills associated with the Advanced Placement exam which will be taken in May. Some of the major topics to be covered are: Age of Exploration, Protestant Reformation, Enlightenment, Spanish Americas, Atlantic Slave Trade, Impact of the Ming and Qing Dynasties on China, Age of Revolution, Industrial Revolution, Imperialism, World Wars 1 and 2, Cold War and Current Topics in World History.

Requirements include: The AP Exam is a course requirement and has a fee of approximately \$99 (price subject to change). Students must also take the Global History & Geography II Regents exam in June.

Offered: full year course **Credit Type:** core credit

UNITED STATES HISTORY & GOVERNMENT (C0207)**1 credit****Grade Level: 11**

United States History & Government focuses in-depth on the American way of life. The major topics studied in this course include: The Thirteen Colonies, Creation and Implementation of the Constitution, The Early American Republic, Westward Expansion, Civil War and Reconstruction, Industrialization and Immigration, World War I and II, The Roaring Twenties, the Great Depression and the New Deal, Suburbanization, The Cold War, Civil Rights, Vietnam, and more recent U.S. History (1980s - Present). As these topics are investigated, emphasis is placed on synthesizing the turning points of each era and integrating that understanding into the broader themes of American history. Throughout the year, students will complete tasks that align with the Regents exam: stimulus-based multiple choice questions, short essay questions, and civic literacy document-based essays.

Requirements: The U.S. History and Government Regents Examination is taken as the final exam for the course.

Offered: full year course **Credit Type:** core credit

UNITED STATES HISTORY & GOVERNMENT HONORS (C0212)

1 credit

Grade Level: 11

Prerequisites: Teacher and counselor recommendation, final course grade of 90 in previous year's Regents level course, final exam (Regents) grade of 90 in previous year's Regents level course, final course grade of 87 in previous honor's level course, standardized test scores at or above the 75th percentile.

Honors United States History is a demanding course, analyzing the same detail as the Advanced Placement course and offering students similar opportunities to use historical evidence to interpret and synthesize American history. Students will study the democratic and constitutional foundations of the U.S. from colonies to nationhood, the industrialization and urbanization of the nation, national and international migration, the Progressive movement, domestic and foreign policy during times of crisis and modern American history since the end of World War II in order to gain a better understanding of the unique periodization of the time periods as well as patterns of continuity and change over time. It is offered as an alternative to United States History & Government.

Requirements include: students are expected to complete lengthy readings, practice writing essays modeled after the essay prompts on the New York State Regents Examination in U.S. History & Government and ultimately take the New York State Regents Examination in United States History & Government in June.

Offered: full year course **Credit Type:** core credit

AP UNITED STATES HISTORY (C0206)

1 credit

Grade Level: 11

Prerequisites: This course is an open-enrollment course opened to all 11th grade students, however, it is strongly recommended that students consult with their 10th grade Social Studies teachers prior to committing to the course.

Advanced Placement United States History is a rigorous, writing-intensive course, which offers students the opportunity to explore the chronological reasoning of the history of the United States. It is designed to allow students the opportunity to interpret and to synthesize factual knowledge and to craft historical arguments from primary sources and secondary scholarly texts. Students will learn to compare and to contextualize historical developments in the American experience as an integral part of the course. This course is offered as an alternative to United States History & Government.

Requirements: students are required to perform extensive nightly readings, practice writing essays modeled after the AP U.S. examination essays, and take the College Board's Advanced Placement Examination in United States History in May, that has a fee of approximately \$99 (price subject to change), as well as the New York State Regents Examination in United States History & Government in June.

Offered: full year course **Credit Type:** core credit

ECONOMICS (C0210)

½ credit

Grade Level: 12

Corequisite: Students must also enroll in Government & Politics

Economics examines the principles of the United States free market economy in a global context. Students will analyze the role of supply and demand in determining the prices individuals and businesses face the product and factor markets. Students will study the role entrepreneurs play in our economy. Students will explore the challenges facing the United States free market economy in a global environment and various policy-making opportunities available to the government to address these challenges. Students will explore the stock market as an investment vehicle and examine the effects of economic news to the market by participating in a stock market simulation. Throughout the curriculum, students will be processing economic concepts to engage in problem solving, decision making, inquiry, and conceptualizing. Other topics include personal finances, credit cards, minimum wage and the government's role in our economy.

Requirements include: several papers, chapter tests and a final exam

Offered: half year course **Credit Type:** core credit

AP MICROECONOMICS (C0211)

1 credit

Grade Level: 12

Corequisite: Students must also enroll in Government & Politics or AP US Government & Politics

AP Microeconomics will give students a thorough understanding of economics that apply to the functions of the individual decision maker, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and function of product markets, and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Some of the topics that will be explored include: opportunity costs, supply and demand analysis, comparative and absolute advantage as they relate to trade, consumer choice, production costs and market structures. Students will be required to use problem-solving skills and utilize graphs and curves to explain market conditions and events.

Requirements include: Final exam, the AP Microeconomics exam, and a practice AP exam. The AP Exam has a fee of approximately \$99 (price subject to change).

Offered: full year course **Credit Type:** core credit

GOVERNMENT & POLITICS (C0209)

½ credit

Grade Level: 12

Corequisite: Students must also enroll in Economics

This course is designed to provide students with a greater awareness of why we study government and politics and the Constitution. Students will explore how public policy has an impact on their lives. Students will integrate and evaluate multiple sources of information presented in diverse formats and media in order to address a question or solve a problem. Students will be encouraged to express their views on the many topics that will be addressed. The topics that will be covered are introduction to government in America, federalism, political parties, nominations & campaigns, elections & voting behaviors, civil liberties & public policy, civil rights & public policy, the mass media & the political agenda, and interest groups.

Requirements include: final exam

Offered: half year course **Credit Type:** core credit

AP UNITED STATES GOVERNMENT AND POLITICS (C0215)**1 credit****Grade Level: 12****Corequisite: Students must also enroll in Economics or AP Microeconomics**

AP United States Government and Politics will provide students with an analytical perspective on government and politics in the United States. The course involves the study of concepts and theories of government, patterns and consequences of political behavior, and the analysis of data. The major topics covered are: constitutional and historical background, public opinion and participation in the political process, the politics of public policy, civil rights and civil liberties, and the institutions of the national government. Students will integrate information from primary and secondary sources to form coherent understanding of events and political processes. Students will be required to be fluent in fifteen Supreme Court cases and nine foundational documents.

Requirements: The AP Exam is a course requirement and has a fee of approximately \$99 (price subject to change).

Offered: full year course **Credit Type:** core credit

SOCIAL STUDIES ELECTIVE PROGRAM

ALL ELECTIVES AND AP COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

ADOLESCENT PSYCHOLOGY (C0225)

½ credit

Grade Level: 9-12

This course examines psychological and developmental issues of adolescence; including the interaction between physiological, psychological, and social changes that occur during the transition from childhood through young adulthood. The course will provide a background in the principles of psychology and proceed to examine social and abnormal psychology. There is an emphasis on psychosocial factors influencing various peer relationships. The course is discussion and project based. Students will read, analyze, discuss, and present content. Additionally, various experiments will be conducted in class. Students will evaluate hypotheses, data, analysis, and conclusions to understand concepts and resolve conflicting ideas.

Requirements include: students are required to complete a final assessment

Offered: half year Spring semester course **Credit Type:** elective credit

AMERICAN SOCIOLOGY (C0229)

½ credit

Grades 11-12

A semester-long course that will focus on the influential role of music, movies, television and sports on American society. American Sociology is a theme-based course that follows trends in these topics from the 1920s until the present. Students will learn to analyze American history, politics and culture by using various forms of media outlets, including but not limited to popular music, television programs, film clips and sports broadcasts.

Requirements: a daily journal, and a final portfolio, which is a culmination of a variety of multi-media assessments

Offered: half year semester course **Credit Type:** elective credit

CAREER EXPLORATION 8 (C0518)

½ credit

Grade Level: 8

This course will provide students with the opportunity to plan for future educational and career goals as well as personal financial responsibility. Students will discover their own aptitudes and interests, to determine relevant college majors and career paths. Assessments will incorporate information from personalized surveys, and a database with over 7,000 colleges and universities; and over 2,000 occupations. Students will synthesize information from a range of sources that will allow them to make informed and effective decisions about their future educational and career plans. The emphasis of the assessments is on practical, relevant applications for the high school student. The assessments are intended to foster creativity and critical thinking, as each student completes unique, individualized projects.

Requirements: Students are required to submit a final assessment.

Offered: half year course **Credit Type:** core credit

CAREER EXPLORATION 9-12 (C0520)**½ credit****Grade Level: 9-12**

This course will provide students with the opportunity to plan for future educational and career goals as well as personal financial responsibility. Students will discover their own aptitudes and interests, to determine relevant college majors and career paths. Assessments will incorporate information from personalized surveys, and a database with over 7,000 colleges and universities; and over 2,000 occupations. Students will synthesize information from a range of sources that will allow them to make informed and effective decisions about their future educational and career plans. The assessments are intended to foster creativity and critical thinking, as each student completes unique, individualized projects.

Requirements: Students are required to submit a final assessment.

Offered: half year course or full year alternate day course **Credit Type:** core credit

CHILD PSYCHOLOGY (C0224)**½ credit****Grade Level: 9-12**

An introduction to child psychology class that affords students the opportunities to examine child psychology theories, abnormal child psychology, the impact of television on child development, and current issues. The course examines different theorists who focus on social learning development, patterns of behavior, the impact of love and affection, birth order, the impact and development of the brain, and many more. While child psychology examines cognitive, behaviorist, biological, humanist, and psychoanalytic perspectives, a major focus is on learning from infancy through childhood. This course is heavily based on discussion, which involves experiments, group projects, analysis of current event topics and reflection on one's childhood.

Requirements include: students are required to complete a final assessment.

Offered: half year Fall semester course **Credit Type:** elective credit

CRIMINAL LAW (C0222)**½ credit****Grade Level: 9-12**

This one semester course is intended to provide the student with a functional knowledge of the American legal system, with primary emphasis on criminal law. Topics studied include: the historical basis for establishing laws, how to advocate as citizens within the context of a legal environment, the nature and prevalence of crime, and the court system of the United States as it pertains to criminal law in the phases of investigation, defense, proceedings, and trials. Trial procedure will be taught, as well as how to write coherent and accurate legal briefs. Students will be required to analyze specific court cases related to the topics of study, as well as present their case research with clear and precise legal arguments (both written and through class presentations). Instruction will be primarily discussion-based, with emphasis on relating the topics of study to the expectations of responsible citizenship. A mock trial is conducted at the end of the course.

Requirements: a local assessment is given as the final exam

Offered: half year course offered in the Fall and Spring semesters **Credit Type:** elective credit

FILM AS HISTORY (C0220)**½ credit****Grade Level: 11-12**

Through the use of predominantly movies and documentaries, this course examines several major historical events that have impacted American History from the 2000 into the Twenty-first Century. Major events include the Election of 2000, the September 11th attacks, the War on Terror, the Great Recession of 2008, the Rise of Social Media, the Hunt for Osama bin Laden, and the Role of the Whistleblower. Each event studied will include historical information that is essential for understanding the event as students will be required to analyze and evaluate major historical events that have shaped American History. The focal point of each unit will be the viewing of a movie depicting the event. While viewing each movie, students are required to answer guided viewing questions and will be responsible for an assessment upon conclusion of the movie. In addition, class discussions and activities will be utilized to gain insight as to the historical accuracy of the movie as well as making connections to current American themes. A sampling of movies viewed include *Recount*, *The Big Short*, *Zero Dark Thirty*, and *Snowden*.

Requirements: students are required to take a final assessment.

Offered: half year course **Credit Type:** elective credit

FORGOTTEN GENERATION: A HISTORY OF THE KOREAN & VIETNAM WARS (C0226)**½ credit****Grade Level: 10-12**

In this semester-long Spring course, students will study the causes and effects of the Korean War and the Vietnam War as well as the significant events and leaders of the wars themselves. The course will expose students to the causes of each war, the leaders who led their nations, the men and women who fought valiantly on the front and at home, as well as the fascinating stories of bravery, the devastating acts of cruelty, and the lasting effects each war had on the world. Students will pay particular attention to a number of historical examples, including the Communist rise to power, the invasion of Inchon, the roles of the Chinese and the UN in Korea, the Tet Offensive, the counterculture at home, and the fall of Saigon. Using scholarly texts, primary sources, images, fiction, film, and other media, students will discuss the battles, leaders, technology, unspeakable acts, and foreign and domestic diplomacy associated with the Korean War and the Vietnam War. There are plans to supplement the course with field-work and guest speakers.

Requirements: students are required to complete a final project.

Offered: half year Spring semester course **Credit Type:** elective credit

GREATEST GENERATION: A HISTORY OF WORLD WAR II (C0228)**½ credit****Grade Level: 10-12**

In this semester-long Fall course, students will study the causes and effects of the Second World War as well as the significant events and leaders of the war itself. The course will expose students to the causes of World War II, the leaders who led their nations, the men and women who fought valiantly on the front and at home, as well as the fascinating stories of bravery, the devastating acts of cruelty, and the lasting effects World War II had on the world. Students will pay particular attention to a number of historical examples, including the Nazi rise to power, the bombing of Pearl Harbor, the D-Day Invasion of Normandy, the Nazi Holocaust, the controversial use of the atomic bomb, and the “Greatest Generation” of Americans. Using scholarly texts, primary sources, images, fiction, film, and other media, students will discuss the battles, leaders, technology, unspeakable acts, and foreign and domestic diplomacy associated with World War II. There are plans to supplement the course with field-work and guest speakers.

Requirements: students are required to complete a final project.

Offered: half year Fall semester course **Credit Type:** elective credit

PHILOSOPHY OF ETHICS (C0232)

½ credit

(not offered in the 2024-2025 school year)

Grade Level: 10-12

Ethics, or moral philosophy, is a branch of philosophy that involves systematizing, defending, and recommending concepts of right and wrong conduct. This branch of philosophy comprises the sub-branches of ethics and aesthetics, each concerned with values. As a (field of intellectual enquiry, we will look at moral ethical philosophy as it relates to the fields of moral psychology, descriptive ethics, and value theory. During the semester a sample of the topics to be studied include Ethical Theories, Euthanasia, Capital Punishment, Free Expression, Animal Rights, Environmental Rights, and Business Ethics. The course will make wide use of the Socratic Seminar strategy, audio and visual stimuli, and written works of classical and contemporary philosophers. **Please note: this course will run again in the 2025-2026 academic year.**

Requirements: Students are required to complete a final project.

Offered: half year course **Credit Type:** elective credit

INTRODUCTION TO PHILOSOPHY (C0227)

½ credit

(not offered in the 2024-2025 school year)

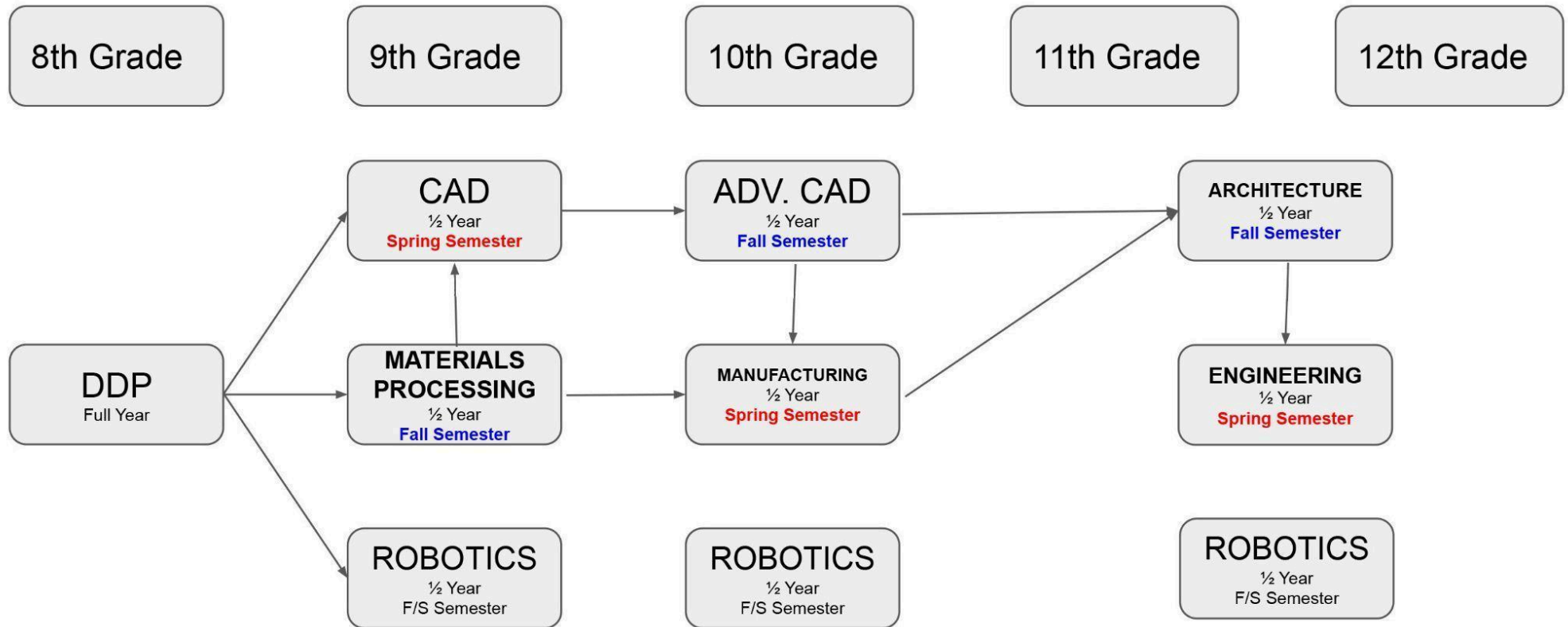
Grade Level: 10-12

In this semester-long elective, students will try to develop a deeper understanding of what philosophy is and how this academic field is used in life everyday. Students will endeavor to understand not only what philosophy is but why it matters to *us* as individuals. Introduction to Philosophy seeks answers to the perennial questions that have faced humankind throughout history: Why are we here? What is the meaning of life? What kind of person am I? What is wisdom? What is the “good life”? How do I know that I am free? How can I be certain of my beliefs? In attempting to answer these questions, we will attempt to uncover the relevance of philosophy to our everyday lives and to develop our own answers to these difficult and pressing questions. By taking this course, students: 1) learn to identify arguments, to evaluate and counter them, and to construct good arguments, 2) obtain the ability to relate arguments to one another and to appreciate persistent, sustained thought on a topic, 3) obtain the ability to justify and defend personal views once they are clearly and completely stated and to develop a personal ideology, 4) gain skill in asking interesting, productive, and insightful questions, 5) study classic, influential, and abiding arguments concerning the structures of knowledge, belief, and value, and 6) ultimately apply usefully the several methods of philosophical reasoning in everyday life.

Requirements: Students are required to complete a final project. **Please note: this course will run again in the 2025-2026 academic year.**

Offered: half year course in the spring only. **Credit Type:** elective credit

TECHNOLOGY Course Progression



TECHNOLOGY

ALL ELECTIVES AND AP COURSES WILL BE AVAILABLE, DEPENDING ON BUDGETARY CONSTRAINTS AND SUFFICIENT ENROLLMENT.

Five credit or interdisciplinary sequences may be earned in the Technology area in place of a three credit World Language sequence for an Advanced Regents Diploma.

DESIGN & DRAWING FOR PRODUCTION (C0540)

1 credit

Grade Level: 8-12

Design and Drawing for Production is a full year introductory course for the technology program where students will study the design elements, technical drawing and the problem solving process in order to produce various models, prototypes and hands-on projects. These activities use a system approach requiring design and problem solving, data analysis, mathematical modeling, experimentation, and applying scientific principles and laws of nature. In addition, students will be introduced to the world of graphical communication using mechanical drawing skills to complete single view, multi view, isometric and architectural designs. Students will also learn basic hand tools and machine use when building their models, prototypes and various projects, as well as computers and online CAD programs such as Sktechup, as tools for increased productivity.

Offered: full year course **Credit Type:** elective credit and meets the NY State Fine Arts requirement

NOTE: This is a prerequisite for all other Technology courses.

ROBOTICS 1 (C0567)

½ credit

Grade Level: 9-12

Prerequisite: Design & Drawing for Production

In this class students will learn about the field of robotics through Vex Robotic platform. Students will study how and why they are used, the advantages and disadvantages of their use, and their basic programming and functions. As a class, we will dive into the world of robotics through the building of a robot and programming the robot to do different actions. Students will study and experiment with different control systems such as remote control, preprogrammed operations, and autonomous functions. Also, we will learn about different sensors and different coding blocks to make the robot achieve a goal in an efficient manner. Students will design and test robots primarily based on tasks and challenges provided by the teacher.

Requirements: Robot design and construction, robot basic programming, completion of multiple control simulations, completion of multiple robotic tasks and functions

Offered: half year course **Credit Type:** elective credit

MATERIALS PROCESSING (C0546)

½ credit

Grade Level: 9-12

Prerequisite: Design & Drawing for Production

Students will learn how to process various materials from a raw state to finished product. Focusing primarily on wood with some metal and plastic use, students will work on numerous projects as they learn to properly and safely use hand tools, powered tools/machines and computer integrated machines. During the course students will progress through each project by creating a materials list and using the design, separating, forming and finishing processes. This will help students to understand the materials, tools and machines needed to complete a project.

Requirements: one wood/metal hand tools project, one wood/metal/plastic machine project and one final self-design project

Offered: half year course **Credit Type:** elective credit

MANUFACTURING (C0547)

½ credit

Grade Level: 10-12

Prerequisite: Materials Processing, ADV CAD

Manufacturing focuses on advancing materials processing skills and applying them to the manufacturing process. Students will continue to work with wood and metal materials as they learn about manufacturing processes including and apply it to a culminating manufacturing project. Working in teams, students integrate and employ knowledge and skills developed in previous courses as they learn and apply product design, material processing, managerial and organizational principles and functions to the creation and mass production of a product and the operation of a manufacturing enterprise. Students also develop resource materials for teaching manufacturing/production concepts.

Requirements: one advanced hand tool project, one wood machine project, one metal machine project, one student designed project

Offered: half year course **Credit Type:** elective credit

COMPUTER AIDED DRAWING (C0542)

½ credit

Grade Level: 9-12

Prerequisite: Design & Drawing for Production

Building off of the skills students learn in Design & Drawing for Production, students will exercise a variety of drafting and design skills using CAD software to execute both two and three-dimensional drawings and illustrations. Students will produce drawings of their own design as well as assigned exercises. Students will also learn how to use CAD software to do basic Laser Engraving and 3D Printing.

Requirements: series of single view drawings, series of multi view drawings, two student design projects, and a final exam drawing

Offered: half year course **Credit Type:** elective credit

ADVANCED CAD (C0543)**½ credit****Grade Level: 10-12****Prerequisite: Computer Aided Drawing (CAD)**

Students will use a 3D solid modeling software called Inventor/Fusion 360 to create drawings, assembly files, and design projects. Students learn to model objects in a 3D space and have the opportunity to create their own design. Students will be tasked with learning how the modeling tools work and projects that demonstrate their knowledge on those tools. Projects include using the 3D Printers, Laser engraver, and CNC Machine.

Requirements: multiple 3D drawings, multiple assembly drawings, student design drawing, and final exam drawing.

Offered: half year course **Credit Type:** elective credit

ARCHITECTURE (C0544)**½ credit****Grade Level: 10-12****Prerequisites: Design & Drawing for Production, CAD, Materials Processing**

Students study residential house design and styles as they work on various floor plans and drawings on the AutoCAD Architectural software program. Students will also learn about the basics of residential construction as they complete a model of a sample home.

Requirements: series of floor plan drawings and elevation drawings, model building of residential construction,

Offered: half year course **Credit Type:** elective credit

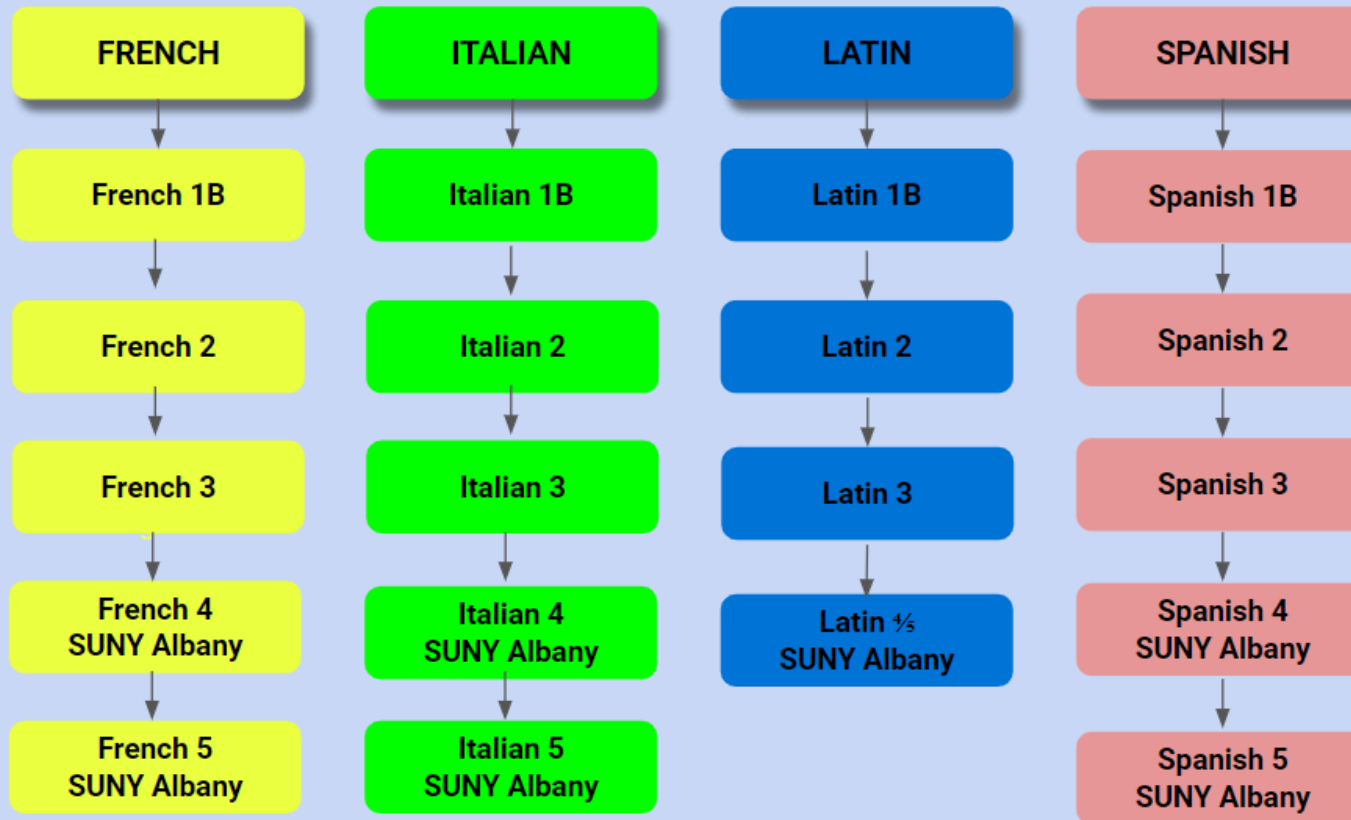
ENGINEERING I (C0548)**½ credit****Grade Level: 11-12****Prerequisites: Advanced CAD, Manufacturing**

Students will study the basic elements and principles of engineering through the design process and problem-solving method. Students will work on design problems in various areas of engineering by researching and creating models/prototypes to test out their ideas. During this course we will start with reverse engineering to help us understand how technological devices and systems work together.

Requirements: multiple group and individual design problems, individual model/prototype building, reverse engineering project, and a final “design firm” problem-solving project.

Offered: half year course **Credit Type:** elective credit

WORLD LANGUAGE Course Progression



Language students receive advanced regents diploma credit upon successful completion of Checkpoint B, Level 3.

Juniors and Senior may choose to take the college level courses that we provide thru SUNY Albany (Checkpoint C: Levels 4 & 5)

Checkpoint A: Level 1A (Middle School) and Level 1B (High School)
 Checkpoint B: Level 2 and Level 3
 Checkpoint C: Level 4 and Level 5
 Local Final Exams in ALL courses

WORLD LANGUAGE

**ALL ELECTIVES WILL BE AVAILABLE, DEPENDING ON BUDGETARY
CONSTRAINTS AND SUFFICIENT ENROLLMENT.**

Pearl River High School offers the opportunity to study French, Italian, Latin and Spanish. The standard sequence in World Language is level 1B, level 2, and level 3. Successful completion of a level 3 course and a local final exam meets the World Language requirement for an Advanced Regents diploma. Students are encouraged to continue the study of World Language at the college level (levels 4 and 5).

FRENCH 1B (C0400)

1 credit

Grade Level: 8th grade

Prerequisite: students must have completed French 1A or be approved by the school

This course continues the introduction to French from level 1A. Through listening, speaking, reading, and writing, students will learn basic vocabulary and grammar to be successful in real-life situations that they would encounter at their age level in a French-speaking country. Some topics include personal identification, family, school, sports, leisure activities, and community. Students will develop skills to communicate with people who speak French and will gain an appreciation for Francophone cultures. Students who satisfy the coursework requirements and pass the French 1B final exam will earn one high school credit.

Requirements: Students must pass the Level 1B final exam or continue with and pass a second year of high school level World Language to graduate.

Offered: full year course **Credit Type:** core credit

FRENCH 2 (C0402)

1 credit

Grade Level: 9th grade

Prerequisite: students must have completed French 1B or be approved by the school

In French 2, we will continue to learn new vocabulary and grammar concepts, and discover different aspects of Francophone cultures. While in this class, students will be able to talk about past and future events, make plans with friends, and discuss their daily routines. Students will achieve a higher level of proficiency by improving their speaking, listening, reading, and writing skills in French.

Requirements: Students are required to take a final exam.

Offered: full year course **Credit Type:** core credit

FRENCH 3 (C0403)**1 credit****Grade Level: 10th grade****Prerequisite: Students must have completed French 2 or be approved by the school.**

This course is the third year of a three-year sequence of high school level French at Pearl River HS. Students will prepare for the final exam by expanding upon previous grammar concepts and vocabulary, practicing communicative tasks in French, and developing their understanding of Francophone cultures. Through this class, students will be able to discuss their childhoods, make future travel plans, make purchases, and perform a variety of other real-life tasks in French. Students will achieve a higher level of proficiency by focusing on speaking, writing, reading, and listening in French.

Requirements: Students must pass the Level 3 final exam in order to qualify for the Advanced Regents Diploma.

Offered: full year course **Credit Type:** core credit

FRENCH 4 (C0404) - SUNY Albany Intermediate French 221**½ credit****Grade Level: 11th grade**

Prerequisite: Students must have completed French 3 with a final average of 80% and teacher recommendation.

This is the first year of a college level French course through which the students are eligible to receive credit from the State University of New York. The class will be conducted entirely in French and students are expected to speak only French in class. We will spend a considerable amount of time working on conversational skills, and improving our listening and reading comprehension skills by reading French-language texts and watching French-language films. Additionally, students will deepen their understanding of Francophone cultures.

This course has an approximate fee of \$190 (price subject to change). Students are required to register with SUNY Albany and pay this fee. Students are not allowed to audit this class. Students that successfully complete this course, may be eligible to receive 4 college credits.

Requirements: Students are required to take a final exam.

Offered: full year - alternate day **Credit Type:** elective credit through PRHS; 4 credits through SUNY Albany

FRENCH 5 (C0406) - SUNY Albany Intermediate French 222**½ credit****Grade Level: 12th grade**

Prerequisite: Students must have completed French 4 with a final average of 80% and teacher recommendation.

This is the second year of a college level French course through which the students are eligible to receive credit from the State University of New York. The class will be conducted in French and students are expected to speak only French in class. They will spend a considerable amount of time working on conversational skills, and improving their listening and reading comprehension skills by reading French-language texts and watching French-language films. Additionally, students will deepen their understanding of Francophone cultures.

This course has an approximate fee of \$190 (price subject to change). Students are required to register with SUNY Albany and pay this fee. Students are not allowed to audit this class. Students who successfully complete this course may be eligible to receive 4 college credits.

Requirements: Students are required to take a final exam.

Offered: full year - alternate day **Credit Type:** elective credit through PRHS; 4 credits through SUNY Albany

ITALIAN 1B (C0460)**Grade Level: 8th grade****1 credit****Prerequisite: Students must have completed Italian 1A or be approved by the school.**

This course continues the introduction to Italian from level 1A. Through listening, speaking, reading, and writing, students will learn basic vocabulary and grammar to be successful in real-life situations that they would encounter at their age level in an Italian-speaking country. Some topics include personal identification, family, school, sports, leisure activities, and community. Students will develop skills to communicate with people who speak Italian and will gain an appreciation for Italian culture. Students who satisfy the coursework requirements and pass the Italian 1B final exam will earn one high school credit.

Requirements: Students must pass the Level 1B final exam or continue with and pass a second year of high school level World Language to graduate.

Offered: full year course **Credit Type:** core credit

ITALIAN 2 (C0461)**Grade level: 9th grade****1 credit****Prerequisite: Students must have completed Italian 1 or be approved by the school.**

This year, we will continue to learn new vocabulary and grammar concepts, and discover different aspects of Italian culture. Through this class, students will be able to talk about past and future events, make plans with friends, and discuss their daily routines. Students will achieve a higher level of proficiency by improving their speaking, listening, reading, and writing skills in Italian.

Requirements: Students are required to take a final exam.

Offered: full year course **Credit Type:** core credit

ITALIAN 3 (C0462)**Grade level: 10th grade****1 credit****Prerequisite: Students must have completed Italian 2 or be approved by the school.**

This course is the third year of a three-year sequence of high school level Italian. The class will prepare for the final exam by expanding upon previous grammar concepts and vocabulary, practicing communicative tasks in Italian, and developing their understanding of Italian culture. Through this class, students will be able to discuss their childhoods, make future travel plans, make purchases, and perform a variety of other real-life tasks in Italian. Students will achieve a higher level of proficiency by focusing on speaking, writing, reading, and listening skills in Italian.

Requirements: Students must pass the Level 3 final exam in order to qualify for the Advanced Regents Diploma.

Offered: full year course **Credit Type:** core credit

ITALIAN 4 (C0463) - SUNY Albany Intermediate Italian 103**½ credit****Grade level: 11th grade****Prerequisite: Students must have completed Italian 3 with a final average of 80% and teacher recommendation.**

This is the first year of a college level Italian course through which the students are eligible to receive credit from the State University of New York. The class will be conducted entirely in Italian and students are expected to speak only Italian in class. We will spend a considerable amount of time working on conversational skills, and improving our listening and reading comprehension skills by reading Italian-language texts and watching Italian-language films. Additionally, students will deepen their understanding of Italian culture.

This course has an approximate fee of \$190 (price subject to change). Students are required to register with SUNY Albany and pay this fee. Students are not allowed to audit this class. Students that successfully complete this course may be eligible to receive 4 college credits.

Requirements: Students are required to take a final exam.**Offered:** full year - alternate day **Credit Type:** elective credit through PRHS; 4 credits through SUNY Albany**ITALIAN 5 (C0464) - SUNY Albany Intermediate Italian 104****½ credit****Grade level: 12th grade****Prerequisite: Students must have completed Italian 4 with a final average of 80% and teacher recommendation.**

This is the second year of a college level Italian course through which the students are eligible to receive credit from the State University of New York. The class will be conducted in Italian and students are expected to speak only Italian in class. We will spend a considerable amount of time working on conversational skills, and improving listening and reading comprehension skills by reading Italian-language texts and watching Italian-language films. Additionally, students will deepen their understanding of Italian culture.

This course has an approximate fee of \$190 (price subject to change). Students are required to register with SUNY Albany and pay this fee. Students are not allowed to audit this class. Students that successfully complete this course may be eligible to receive 4 college credits.

Requirements: Students are required to take a final exam.**Offered:** full year - alternate day **Credit Type:** elective credit through PRHS; 4 credits through SUNY Albany**LATIN 1B (C0440)****1 credit****Grade Level: 8th grade****Prerequisite: students must have completed Latin 1A or be approved by the school**

This course continues the introduction to Latin from level 1A. Students strive to answer the essential question: What is a Roman? They examine aspects of Roman daily life, and compare and contrast their lives with ours. Students read adapted and authentic ancient texts, and discuss various topics from the ancient world using a variety of contemporary language acquisition techniques. The emphasis is on reading Latin texts. Students who satisfy the coursework requirements and pass the Latin 1B final exam will earn one high school credit.

Requirements: Students must pass the Level 1B final exam or continue with and pass a second year of high school level World Language to graduate.

Offered: full year course **Credit Type:** core credit

LATIN 2 (C0442)**1 credit****Grade Level: 9th grade****Prerequisite: Students must have completed Latin 1 or be approved by the school.**

This course continues the curriculum of Latin 1B. Students strive to answer the essential question: What happens when two cultures meet? They will examine the nature of Roman virtues, and compare the Romans with the Carthaginians and their main rival during the Republic. Students will read adapted and authentic ancient texts, and discuss various topics from the ancient world using a variety of contemporary language acquisition techniques. The emphasis is on reading Latin texts. Students who satisfy the coursework requirements and pass the Latin 2 final will earn one high school credit.

Requirements: Students are required to take a final exam.**Offered:** full year course **Credit Type:** core credit**LATIN 3 (C0443)****1 credit****Grade Level: 10th grade****Prerequisite: Students must have completed Latin 2 or be approved by school.**

The course continues the work of Latin 2. Students strive to answer the essential question: What is the cultural concept of self in Roman society? They will read adapted and authentic ancient texts, and discuss various topics from the ancient world using a variety of contemporary language acquisition techniques. The emphasis is on reading Latin texts. Students who satisfy the coursework requirements and pass the Latin 3 final exam will earn one high school credit.

Requirements: Students must pass the Level 3 final exam in order to qualify for the Advanced Regents Diploma.**Offered:** full year course **Credit Type:** core credit**LATIN 4 (C044) - SUNY Albany Elementary Latin II****½ credit****Grade Level: 11th grade****Prerequisite: Students must have completed Latin 3 with a final average of 80% and teacher recommendation.**

This is a semester of college level Latin where students are eligible to receive credit from the State University of New York. This course is designed to allow students to develop proficiency in reading actual Latin texts of various authors, from classical times through neo-Latin.

This course has an approximate fee of \$190 (price subject to change). Students are required to register with SUNY Albany and pay this fee. Students are not allowed to audit this class. Students that successfully complete this course, may be eligible to receive 4 college credits.

Requirements: Students are required to take a final exam.**Offered:** Fall Semester **Credit Type:** elective credit through PRHS; 4 credits through SUNY Albany

LATIN 5 (C0406) - SUNY Albany Introduction to Latin Literature**½ credit****Grade Level: 11th grade****Prerequisite: Students must have completed Latin 4 with a final average of 80% and teacher recommendation.**

This is a second semester college level Latin course through which the students are eligible to receive credit from the State University of New York. This course is designed to allow students to develop proficiency in reading actual Latin texts of various authors, from classical times through neo-Latin.

This course has an approximate fee of \$190 (price subject to change). Students are required to register with SUNY Albany and pay this fee. Students are not allowed to audit this class. Students that successfully complete this course, may be eligible to receive 3 college credits.

Requirements: Students are required to take a final exam.**Offered:** Spring Semester **Credit Type:** elective credit through PRHS; 3 credits through SUNY Albany**SPANISH 1B (C0420)****1 credit****Grade Level: 8****Prerequisite: Students must have completed Spanish 1A or be approved by the school.**

This course is a continuation of Spanish Level 1A taught in the Middle School. Through listening, speaking, reading and writing, students will learn basic vocabulary and grammar to be successful in real life situations that they would encounter at their age level, living in a foreign Spanish speaking country. Some topics include personal identification, school, food, and community. Students will develop skills to communicate with people who speak the target language and will gain an appreciation for the culture and customs. Students who satisfy the coursework requirements and pass the Level 1B final exam will earn one high school credit.

Requirements: Students must pass the Level 1B final exam or continue with and pass a second year of high school level World Language to graduate.

Offered: full year course **Credit Type:** core credit**SPANISH 2 (C0422)****1 credit****Grade Level: 9****Prerequisite: Students must have completed Spanish 1 or be approved by the school.**

This course follows the successful completion of Spanish level 1B. It is designed to broaden the base of experience in the target language and demands a higher level of linguistic competency. Students will work on improving speaking, listening, reading and writing skills on a daily basis. Students will have class discussions, write short compositions, and read in Spanish with an effort that it may also provide a source of pleasure and enjoyment. Some topics include travel, city life, childhood activities and celebrations, as well as health and wellness.

Requirements: Students are required to take a final exam.**Offered:** full year course **Credit Type:** core credit

SPANISH 3 (C0423)**1 credit****Grade Level: 10****Prerequisite: Students must have completed Spanish 2 or be approved by the school.**

This course is the third year of a three-year sequence of high school level Spanish at Pearl River HS. Students will prepare for the exam by expanding upon previous grammar concepts and vocabulary, practicing communicative tasks in Spanish, and developing their understanding of Hispanic culture. Through this class, students will be able to discuss their childhoods, make future travel plans, make purchases, and perform a variety of other real-life tasks in Spanish. Students will achieve a higher level of proficiency by focusing on speaking, writing, reading, and listening skills in Spanish.

Requirements: Students must pass the Level 3 final exam in order to qualify for the Advanced Regents Diploma.

Offered: full year course **Credit Type:** core credit

SPANISH 4 (C0424) - SUNY Albany Intermediate Spanish 200**1 credit****Grade Level: 11**

Prerequisite: Students must have completed Spanish 3 with a final average of 80% and teacher recommendation.

This course is the first year of a college level Spanish course in which the students are eligible to receive credit from the State University of New York. The class will be conducted entirely in Spanish and students are expected to speak only Spanish in class. Students will deepen their understanding of the Spanish-speaking world.

This course has a fee of \$190 (price subject to change). All students are required to register with SUNY Albany and pay this fee. Students that successfully complete this course may be eligible to receive 4 college credits.

Requirements: Students are required to take a final exam.

Offered: full year course **Credit Type:** elective credit through PRHS; 4 credits through SUNY Albany

SPANISH 5 (C0426) - SUNY Albany Intermediate Spanish 201**1 credit****Grade Level: 12**

Prerequisite: Students must have completed Spanish 4 with a final average of 80% and teacher recommendation.

This is the second year of a college level Spanish course for students to receive credit from the State University of New York. The class will be conducted in Spanish and students are expected to speak only Spanish in class. We will spend a considerable amount of time working on conversational skills, and improving listening and reading comprehension skills by reading Spanish-language texts and watching Spanish-language films. Additionally, students will deepen their understanding of Hispanic culture.

This course has a fee of \$190 (price subject to change). All students are required to register with SUNY Albany and pay this fee. Students that successfully complete this course may be eligible to receive 4 college credits.

Requirements: Students are required to take a final exam.

Offered: full year course **Credit Type:** elective credit through PRHS; 4 credits through SUNY Albany