

BELLPORT HIGH SCHOOL

Brookhaven, NY

Course Selection Guide 2011 – 2012

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The South Country School District reserves the right to cancel any course that does not have sufficient enrollment.



Guidance & Counseling Services

The Developmental School Counseling Program of Bellport secondary school is a comprehensive plan of academic, career, and personal development. It is an integral part of the total school program and supports the goals established for all students.

The Bellport Counseling Program emphasizes the relationship between student and counselor. It is the key to a successful program. Through a series of sequential and developmental activities, the counselor ensures that he/she is meaningfully involved with each student during each year of the secondary school experience. In this way the student is in the best position to learn, plan, and make positive decisions with the ongoing support and assistance of a counselor who knows him/her well.

Integral to the success of a comprehensive, developmental program is a team approach that requires the cooperation and involvement of parents and staff members.

Guidance Counselors

Mrs. Christina DeNapoli
Mrs. Darlene Dowler
Ms. Jenna Fischer

Ms. Erin Malaney
Mrs. Patricia McCallum
Ms. Dana Nevala

Social Workers

Mrs. Ann Haddad
Mrs. Melissa Lopez

Mrs. Lynette Murphy
Ms. Kathryn Zajac

Guidance Services for Students

Grade 9

- Small group student orientation to guidance services – Evening parent orientation workshop (during 8th grade)
- Programming for grade 10 – course selection meeting
- Guidance Newsletter mailed home quarterly

Grade 10

- Programming for grade 11 – course selection meeting
- Guidance Newsletter mailed home quarterly
- Career Assessment

Grade 11

- College testing information – classroom orientation to content of and registration for PSAT, SAT I, SAT II, and ACT
- Guidance newsletter mailed home quarterly
- Junior conferences with counselors to review transcripts, graduation requirements, and future plans

Grade 12

- SAT/ACT registration
- College transition workshop for students
- Publication of scholarship, financial aid, college, military, and employment information
- Financial Aid Night for parents
- College Information Program for parents and students (all grades welcomed)
- College representatives visits

Services for all Grade Levels

- Individual and group counseling
- Special education guidance and counseling
- Employment opportunities – part-time work
- Academic advisement
- Scholarship information
- Vocational opportunities
- Career exploration
- Psychological/Social work liaison and referral services
- College video library
- Guidance resource center
- Free Application for Federal Student Aid on the Web (www.fafsa.ed.gov)

DEFINITIONS OF TERMS USED IN THIS GUIDE

MANDATED are those courses ALL students must pass in or to be eligible to graduate.

PREREQUISITES are those course requirements which must be met before a student may be scheduled for a given subject. (Example: In Spanish, a student must pass Spanish I before he or she can take Spanish II.)

CO-REQUISITES are courses that must be take at the same time as a course a student has registered for.

ELECTIVES are courses which are not required, but are chosen by a student.

A **SEMESTER** is one-half of the school year.

As a rule, a **UNIT OF CREDIT** is granted for successful completion of a subject studied one period a day, five days a week, for a school year.

As a rule, **ONE-HALF UNIT OF CREDIT** is granted for successful completion of a subject studied one period a day, five days a week, for a semester or less than five days a week for the entire year.

NEW YORK STATE GRADUATION REQUIREMENTS

In order to earn a diploma, every student must earn a **minimum of 22 credits**, in addition to meeting specific testing competencies. Only those students who successfully complete the diploma requirements will take place in graduation exercises.

REQUIRED SUBJECTS	REGENTS DIPLOMA	REGENTS DIPLOMA WITH ADVANCED DESIGNATION
English	4	4
Social Studies	4	4
Mathematics	3	3
Science	3	3
LOTE	1	3
Art or Music	1	1
Physical Education	2	2
Health	.5	.5
Electives	3.5	1.5
TOTAL REQUIRED CREDITS	22	22

*Students must complete two units of study of Checkpoint A in LOTE and earn one high school credit by the end of 9th grade. One unit of credit is earned by passing the State LOTE Proficiency Exam or passing the course itself.

**The 3 units of credit required in LOTE may also be met by completing 1 credit in LOTE* and 5 units of credit in one of the following: Art, Music, Career and Technical Education.

Regents Diploma: All course requirements listed above and 5 Regents Exams passed with a score of 65 or better, those exams being:

Comprehensive English Regents
 Integrated Algebra Regents
 Global History & Geography Regents
 Any Science Regents
 U.S. History Regents

Regents Diploma with Advanced Designation: All course requirements for the Regents Diploma and 3 credits in LOTE (or 5 credit sequence in Art, Music, or Business). Additional Regents exams are required, those exams being:

Geometry and Algebra II/Trigonometry*
 A Second Science Regents
 LOTE Regents

***Classes of 2011 and thereafter must pass individual Math Regents exams at the end of Integrated Algebra, Geometry, and Algebra II/Trigonometry.

Entering Freshman Class	Local Diploma Requirements	Regents Diploma Requirements	Regents Diploma with Advanced Designation Requirements
2007	65 or above on 4 required Regents exams. 55 or above on 1 required Regents exam.	65 or above on 5 required Regents exams.	65 or above on 8 required Regents exams.
2008		65 or above on 5 required Regents exams.	65 or above on 8 required Regents exams.
2009		65 or above on 5 required Regents exams.	65 or above on 8 required Regents exams.
2010		65 or above on 5 required Regents exams.	65 or above on 8 required Regents exams.

The Regents Competency Test (RCT) safety net for students with disabilities will continue to be available for students entering Grade 9 prior to September 2010. Students using this safety net will receive a Local Diploma. The low-pass option of scoring 55 – 64 on the required Regents exams to earn a Local Diploma will continue to be available for students with disabilities.

CRITERIA FOR GRADUATION WITH DISTINCTION

Graduation with distinction is bestowed upon seniors only who have exhibited the determination and drive to achieve at the highest academic level. The goal of this program is:

- To establish a level of academic achievement that enhances the Regents or Advanced Regents diploma.
- To encourage students to affiliate with a specific academic discipline.
- To address and challenge seniors to develop a research project and/or portfolio in their favorite discipline

Each student will:

- Receive a medallion at Senior Awards Night to be worn at graduation
- Be acknowledged during the graduation ceremony
- Their diploma, which will include the statement "Graduation With Distinction".

The following departments offer "Graduation with Distinction" honors, with their specific criteria outlined.

ART

1. An A- average in Art
2. Successful completion of ALL **advanced drawing** classes
3. Acquired a minimum of **5 credits** in ART
4. Exhibited art work in the Bellport High School Annual Student Art Show and 2 local art shows
5. Developed a comprehensive portfolio in the Visual Arts for review

BUSINESS

1. Completed a sequence (5 credits) in Business
2. Received a course grade of no less than A- in all Business classes
3. Must complete a portfolio or research project in his/her senior year or be an active member of FBLA club for a minimum of 2 years.

ENGLISH

1. Completed 4 credits in English
2. Received a cumulative grade average of no less than 90% in all English classes
3. Received a grade of at least 90% on the English Regents exam
4. Must have participated in an English related activity for at least two years (Clipper, drama production, yearbook, etc.)

LOTE

1. Student must study one language through the end of Level III with a 90% or better on the Regents exam and additional two years in another LOTE or 4 years in one language with an A average and 90% or better on the Regents exam.
2. Student must earn a favorable character rating from all his/her L.O.T.E. teachers

MATHEMATICS

1. Have taken 5 high school (or higher) level math classes
2. Must have a cumulative grade point average in math classes of no less than 90%
3. Must have a cumulative average of no less than 90% on the Math A and Math B exams
4. Must have taken or be enrolled in a math Advanced Placement course and must have an average of no less than 90%
5. Must partake in some approved math activity outside the classroom such as, Math Team, Math Honor Society, or tutoring for at least two years, including the senior year of high school

MUSIC

1. Student must have no less than an A- in any department class
2. Student must have participated for four years in a major performing ensemble (band, orchestra, chorus)
3. Participation in the NYSSMA Solo Festival with a minimum of Level VI through the Junior year.
4. Solo/small ensemble performance in the Winter / Spring Chamber Concerts
5. Student must have 9 hours of department/community service (i.e. Concert ushers, festival assistants, community performance, stage crew)

SCIENCE

1. Four years of core Regents Science courses with a minimum final grade of B+ (87) or higher in each of the following:
Earth Science (may have been taken in the 8th grade)
Biology (may have been taken in the 8th grade)
Chemistry (with permission a student may complete this requirement by taking AP Chemistry and passing the course with a grade of B+ (87) or higher)
Physics (with permission a student may complete this requirement by taking AP Physics and passing the course with a grade of B+ (87) or higher.
Student must have a Regents exam average of B+ (87%) or higher
2. The student must volunteer service to the department (i.e. Science Honor Society, SEQ, community service or project involving science with department approval).
3. The satisfactory completion of **two or more** AP science courses with a grade of B+ (87%) or higher; or the satisfactory completion of a minimum of one AP science course with a grade of B+ (87%) or higher, along with enrollment in our Independent Research course. An independent research project **must be** satisfactorily completed by the student, and presented to the science staff at our end of the year Science Symposium.

SOCIAL STUDIES

1. Completion of the Social Studies state requirement of 4 credits
2. A total of at least a full year of Social Studies elective classes
3. A- or better in every Social Studies course taken
4. 90 or better on both New York State Social Studies Regents exams

ONLY SENIORS MAY APPLY

APPLICATIONS DUE APRIL 1ST

PROGRAM LEVELS

Students should plan their programs with the intention not only of fulfilling minimum requirements, but also of taking full advantage of the many elective courses offered in the various departments.

REGENTS (R)

Designed to meet the needs of those students who can follow the regular New York State Education Department Syllabus, the Regents Program requires a Regents examination at the completion of specific courses.

HONORS (H)

Honors programs are open to selected students. The courses cover the normal programs for the respective grades with in-depth exploration for enrichment. Students will study additional areas of personal interest or areas suggested by their teachers, evolving from expansion of the existing curriculum.

ADVANCED PLACEMENT (AP)

Advanced Placement courses offer students an opportunity to take a course taught on a college level. Both enrichment and college credit are available to the dedicated student. Intensive classroom work, independent study and research are an integral part of the program. The examination is administered by the College Entrance Examination Board and a five-point college-level scale is used. According to the College Entrance Examination Board publication, over 1,000 colleges and universities will grant advanced placement credit to candidates who have composite grades of 4 or 5. AP Examinations must be taken to receive the weighting for class ranking purposes and to receive AP credit. **A summer assignment prior to the class may be required.**

COLLEGE CREDIT THROUGH SENIOR YEAR PROGRAMS IN HIGH SCHOOL

BHS affords qualified students an opportunity to take college courses and earn college credits while learning in the high school environment. Students enrolled in these courses carry dual enrollment in the college program and in our high school. All courses carry credit that may be applicable toward a degree at other colleges and universities. To be eligible for college credit, students must complete the required registration forms and pay a reduced tuition fee. The South Country School District is proud to offer students the opportunity to earn college credit through several distinct vehicles:

CW Post SCALE (Secondary Collegiate Articulated Learning Experience) – This program allows students to earn college credit through CW Post while simultaneously fulfilling their high school graduation requirements. These courses are taught by trained Bellport High School staff members under the mentorship of Post professors. Students must complete registration cards through the main guidance office for the courses and pay Post tuition. All registration must be completed by Oct. 1.

University in the High School Program – Students may obtain Farmingdale State University credit for specific Business or Mathematics classes taught here in Bellport High School. Open to juniors and seniors with an average of B or better, students may use this opportunity as a “bridging” experience to an intensive college level curriculum.

Excelsior Program – Excelsior is a dual enrollment program where high school students have an opportunity to earn both high school and college credits. Courses are available across the disciplines and are taken during the regular school day, on the high school campus. Tuition for these courses is at a reduced rate of \$50 per credit with no extra fees. High school teachers are certified to teach SCCC Excelsior courses by both the district and college.

CLASS RANK

Students are ranked on a weighted system based on the student's weighted grade point average (GPA). The weighted GPA is calculated by multiplying the final grade for each course by the appropriate course credit and weighting factor, and then averaging the resulting grades. All credit-bearing courses are included, except the following:

1. Credits earned from community service or school service work.
2. Credits earned for independent study/work study programs (LOVE Projects).
3. Credits earned from adult education (Driver Education).
4. Any AIS credits designed to assist students meet minimum competency requirements.
5. Credits earned from a Regents examination which a student may have been permitted to take without taking the class.

Course levels and weighting factors appear below:

LEVEL WEIGHTING

AP Course 1.1

Honors 1.05

Regents 1.0

Official Class Rank will be computed for graduating seniors based upon the completion of their seventh semester of coursework. Transfer students who transferred into BHS before January of their tenth-grade year and are continuously enrolled will be *included* in the ranking for their graduating class. Only the Official Class Rank will be used to determine the Valedictorian and Salutatorian of the graduating class.

COLLEGE ENTRANCE EXAMINATIONS

PSAT/NMSQT

The PSAT/NMSQT measures the verbal and mathematical reasoning abilities you have developed over many years, both in and out of school. This is a practice exam for the SAT I and it is used for the NMSQT scholarship placement program. This exam is taken in October of the Junior year and is only given once in the year. Bellport H.S. is a test site for the PSAT.

SAT

The SAT measures verbal and mathematical reasoning abilities developed over many years, both in and out of school. SAT scores provide colleges with a way to compare the academic preparation and ability of students who apply for admission. This exam is usually taken for the first time in the spring of the Junior year.

SAT II – SUBJECT TESTS

The SAT II are subject tests (formerly known as the Achievement Tests) that measure knowledge or skills in a particular subject and the ability to apply that knowledge. The tests fall into five general subject areas: English: Literature History and Social Studies: American History and Social Studies, World History Math: Math Level I, Math Level IC, Math Level IIC (Calculator) Sciences: Biology, Chemistry, Physics Foreign Languages. These tests are used by competitive colleges for selection and placement purposes. These tests are usually taken when the student finishes the particular subject. For some of our students that may mean at the end of their Freshman year. The subject teacher should be consulted as well as the counselor before a student chooses to take an SAT II area test.

ACT

The ACT exam measures skills in four major curriculum areas: English, Mathematics, Reading and Science Reasoning. Like the SAT I exam, the ACT scores provide colleges with a way to compare the academic preparation and ability of students who apply for admission. The ACT exam is usually taken for the first time in the spring of the Junior year.

SPECIAL PROGRAMS

ACADEMIC INSTRUCTION SUPPORT (AIS)

Students who are considered to be at risk of failing any of the required Regents examinations will be identified by their teachers, using multiple measures of assessing their preparation, and assigned to support service. These range from close monitoring of progress to extra periods of instruction. These services are mandated. Students will not be removed from them until they demonstrate through objective measures sufficient progress to project success on the exam or until they pass the Regents Exam.

ALTERNATIVE EDUCATION PROGRAM (AEP)

It is the vision of the Bellport High School community to provide students who are at risk of dropping out of school and who are disruptive to themselves and others, with an individualized academic intervention and guidance service program which will enable them to re-enter the regular high school setting and/or qualify for high school graduation.

Students will be considered for selection into the AEP for one or more of the following criteria:

- Poor attendance
- Unable to succeed in a normal educational setting
- Unable to co-exist with other students in day school

THE LIBRARY MEDIA CENTER

Our fully automated **High School Library Media Center** serves as a hub for the collection and dissemination of current and timely research and information type materials. Besides housing an automated catalog and circulation system, the LMC is the source for information found on, Laser Disc, video, CD, Microfiche, book and magazine formats. Through telecommunications, supervised electronic searches may be done, using CD ROM and the Internet. Within its open campus capacity, students are invited into the LMC even when not assigned there for scheduled classes. Library Media Specialists, as teachers, coordinate with classroom teachers to instruct and guide students through the research process.

DIRECTORY INFORMATION

The No Child Left Behind Act includes changes in regulations governing the privacy of student information. High schools must provide all branches of the military with directory information about seniors. Directory information includes name, address and telephone number. Parents who do not wish this information given to the military must request, in writing, that no information be shared. That request must be received before October 1, 2009 for members of the class of 2011.

STUDENT ATHLETES

Student-athletes who are interested in playing collegiate sports should discuss this with their counselor and coach. They must familiarize themselves with NCAA Clearinghouse requirements at the different divisional levels. They can do so by visiting the NCAA website (www.ncaaclearinghouse.net) Seniors who plan to play in college must register and be cleared by the NCAA.

LOVE Project – Learning Opportunities Via Experiences

The design of this program is to offer course credit for community service work. Students are required to submit an application indicating their purpose, goals and reasons for undertaking their "LOVE" projects. Love projects will usually yield ¼ credit for a half year or ½ credit for the full year.



Visual Arts Department

Art Education encourages personal fulfillment through art experiences, transmits an appreciation to our artistic heritage and develops an awareness of the role of art in society. The arts sustain and nourish the human spirit, broaden horizons, shape emotions and stimulate minds. The creative process in art production introduces the student to creative approaches that can also be utilized in day-to-day problem solving situations.

The Visual Arts program reflects the New York State Learning Standards and exposes the student to a variety of artistic experiences. It allows the student to focus on skills necessary to expand his/her interests, pursue advanced study and/or acquire the skills for entry-level art-related careers.

Standard 1: Creating, Performing and Participating in the Arts.

Students will actively engage in the processes that constitute creation and performance in the arts (dance, music, theatre, and visual arts) and participate in various roles in the arts.

Standard 2: Knowing and Using Art Materials and Resources.

Students will be knowledgeable about and make use of the materials and resources available for participation in the arts and various roles.

Standard 3: Responding to and Analyzing Works of Art.

Students will respond critically to a variety of works in the arts, connecting the individual work to other works, and to other aspects of human endeavor and thought.

Standard 4: Understanding the Cultural Contributions of the Arts.

Students will develop an understanding of the personal and cultural forces that shape artistic communication and how the arts in turn shape the diverse cultures of past and present society.



Visual Art Department Course Offerings by Grade Levels

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Studio in Art Studio in Art A	Studio in Art Studio in Art A Studio in Art B Drawing & Painting I Photography I Computer Graphics Crafts Ceramics Studio in Sculpture Fashion Design	Studio in Art Studio in Art A Studio in Art B Drawing & Painting I Drawing/Painting II Photography I Photography II Computer Graphics Crafts Ceramics Studio in Sculpture Fashion Design Portfolio Workshop	Studio in Art Studio in Art B Drawing & Painting I Drawing/Painting II Photography I Photography II Photography III/IV Computer Graphics Crafts Ceramics Studio in Sculpture Fashion Design Architecture/Interior Design Portfolio Workshop AP Studio Drawing AP Studio 2D Design AP Studio 3D Design

STUDIO IN ART (G701)

Grades 9 – 12

year

1 credit

This is a comprehensive foundation course. **Studio in Art is the one credit, full year course that may be taken to satisfy the Regents Action Plan requirement for graduation.** Projects will be based on two and three dimensional work. Activities will include drawing, painting, crafts, pottery, sculpture, and other media. Skill development will be based on compositional techniques, media development and color theory. This course will include study in the diversity of other cultures which have contributed to the visual arts.

Requirements: Sketchbooks/Notebook, Projects, Written Examination.

STUDIO IN ART A (G701A)

Grades 9 – 12

year alternate day – ½ credit

This is a comprehensive foundation course. This course is designed to develop two dimensional skills and perceptions of each student via a twenty week experience in selected drawing and painting problems. This course satisfies 1/2 the Art requirement for graduation. This course will include study in the diversity of other cultures which have contributed in the visual arts.

Requirements: Sketchbooks/Notebook, Projects, Written Examination.

STUDIO IN ART B (G701B)

Grades 9 – 12

year alternate day – ½ credit

This is a comprehensive foundation course. This course is designed to develop three dimensional skills and perceptions of each student via a twenty week experience in selected crafts, pottery, and sculpture problems. This course satisfied 1/2 the art requirement for graduation. This course will include study in the diversity of other cultures which have contributed in the visual arts.

Requirements: Sketchbooks/Notebook, Projects, Written Examination.

Prerequisite: Successful completion of Studio in Art A

DRAWING & PAINTING I (G702) Grades 10, 11, 12 year 1 credit

This course is a sequential elective requirement for a three or five year sequence. It emphasizes drawing and painting from nature, still life and the human figure while exploring drawing techniques in a variety of media and developing painting skills. Different styles in art history will be stressed. Requirements: Sketchbook, portfolio of work, homework assignments.

Prerequisite: Studio In Art or Studio in Art A and teacher recommendation.

DRAWING & PAINTING II (G703) Grades 11, 12 year 1 credit

This course includes advanced skill and technique work in each of the following: pencil, charcoal, pastels, collage, self-portraiture, art criticism, art history, and individual perceptions of our world.

Requirements: Portfolio of work, sketchbook, homework assignments.

Prerequisite: Studio in Art or Studio in Art A and B, Drawing & Painting I.

PORTFOLIO WORKSHOP (G705) Grades 11, 12 year 1 credit

This course is for advanced art students with experiences in drawing, painting, and sculpture. It is designed to challenge the student's imagination and creative potential while refining skills learned in previous classes. This studio course is to provide the student with how-to advice and tips on portfolio development to assure his/her entry into the college of their choice. Instruction focuses on areas in the portfolio that need improvement.

Requirements: Portfolio of work, sketchbook, homework assignments.

Prerequisite: Studio In Art or Studio in Art A and B, Drawing & Painting I and II.

ADVERTISING/VIDEO (G713Y) Grades 11, 12 year 1 credit

This course is an introduction to the principles of advertising. Students learn how to select and use various advertising media to meet specific advertising problems and opportunities. In addition, the course will explore the creative possibilities of the Macintosh computers and the "iMovie" application as we develop commercials and other short films.

Prerequisite: Computer Graphics

CRAFTS (G716A) Grades 10, 11, 12 year alternate day ½ credit

Students have the opportunity to create three-dimensional works of art using a variety of media. This course offers experience in the fundamentals of construction and design in wood, clay, metals, fabrics, wax, etc. It attempts to develop an appreciation of the skills, knowledge and workmanship required in various crafts, such as graphics, woodcarving, paper Mache, weaving, stitchery, macramé, pottery and jewelry making.

CERAMICS (G715A) Grades 10, 11, 12 year alternate day ½ credit

Students in this course have the opportunity to develop ideas and skills in the design and construction of hand built ceramics. Students will learn coil, slab, and other hand building techniques. Attention will be given to glazing techniques and the firing process.

STUDIO IN SCULPTURE (G714A) Grades 10, 11, 12 year alternate day ½ credit

Studio in Sculpture is a course that involves a variety of three-dimensional design experiences. The emphasis will be placed on individual expression and exploration of both esthetic concepts and the development of technical skills. Students will work in a variety of media that will include, but not be limited to, clay, metal and plaster.

FASHION DESIGN (G721) Grades 10, 11, 12 year 1 credit

This course is designed to explore the aspects of Fashion Design including fabric and clothing design, fashion illustration and color theory. Pattern design and sewing techniques will be introduced and explored. This course will provide the foundation and portfolio pieces necessary to pursue an education and/or career in Fashion Design. Careers in fashion marketing, research and merchandising, as well as construction of clothing, will be addressed for a complete comprehensive understanding of every aspect of Fashion Design.

COMPUTER GRAPHICS (G710) Grades 10, 11, 12 year 1 credit

This course teaches a basic understanding of the computer as a medium for the artist. During the first half of the year, students will be introduced to the program Adobe Illustrator, one of the most noted in the computer graphic field. All work is done on a Macintosh computer. Students will be required to draw designs on the computer after being given the requirements for each assignment. Assignments may include the use of a digital camera or scanner. The second half of the year, students will be introduced to the program, Adobe Photoshop, which is considered industry standard for artists. Assignments will involve the use of scanned images, and/or use of the digital camera, as well as integrated drawings designed in Adobe Illustrator. Use of the elements and principles of design are stressed in all assignments. Occasional homework assignments may be required to complete class work.

PHOTOGRAPHY I (G706) Grades 10, 11, 12 year 1 credit

This is a basic course in photography, and is designed to create an interest and knowledge in the historical, artistic, special effects and technical aspects of picture taking. The course covers camera skills, developing and enlarging your own photograph, portrait lighting and many other basic aspects of photography. Students should expect homework as well as quizzes and written examinations.

Prerequisite: Open to students in grades 10 thru 12. 9th graders accepted only with permission of the department chairperson or who have taken Photography in Middle School.

Recommended requirements: *35 mm single lens reflex camera with shutter-speed &"F" stops.

*Estimated materials fee \$75 per year for film and photo paper.

PHOTOGRAPHY II (G707) Grades 10, 11, 12 year 1 credit

This course is an extension of the knowledge and skills acquired in Photography I. The emphasis of this course will be on the creative aspects of photographic techniques. In the first semester the focus will be on advanced and alternative black and white darkroom techniques. The second semester will expose the students to digital photography. Techniques and applications of Photoshop will be taught to enhance and build upon their knowledge of digital photography.

Prerequisite: Photography I or Teacher Recommendation.

* Recommended requirements: 35mm SLR camera

** Estimated materials fee of \$90 per year for film, paper, memory card, and memory stick.

PHOTOGRAPHY III/IV (G708/G719) Grades 11, 12 year 1 credit

Students in the Photography III/IV class will build upon and refine knowledge and skills acquired in Photo I and II. Emphasis will be placed on the development of a student's personal aesthetic through advanced darkroom techniques, advanced studio techniques, use of digital photography and Photoshop techniques. Students will develop a portfolio of work.

Prerequisite: Photography I and II

* Recommended requirements: 35mm SLR camera and digital camera

** Estimated materials fee of \$90 per year for film, paper, memory card, and memory stick.

AP STUDIO ART 2D DESIGN (G717AP)	Grades 11, 12	year	1 credit
AP STUDIO ART 3D DESIGN (G718AP)	Grades 11, 12	year	1 credit
AP STUDIO ART DRAWING (G720AP)	Grades 11, 12	year	1 credit

The purpose of these advanced placement Studio Art courses is to provide an opportunity for highly motivated students to experience college level work while in high school. Students will select a concentration in 2D design portfolio, 3D design portfolio or drawing portfolio. Students will submit for evaluation to the advanced placement board a portfolio that demonstrates quality, concentration and breadth. This course involves more time commitment, and is therefore, intended for students seriously committed to the study of art.

Due to the rigorous demands of the course, a list of assignments will be given over the summer.

Prerequisite: Admission to the course is based on portfolio review, teacher recommendation, and an overall GPA of 85 or higher in all art courses taken.



Business Education Department

The Business Education department provides a comprehensive program of challenging courses in career preparation and technological literacy, enriched with a variety of extracurricular activities. Our half and full-year courses compliment academic study and provide opportunities for students to satisfy many of the commencement level NYS Learning Standards. Courses are designed to prepare students for post-secondary study and/or entry-level

Standard 1: Career Development

Students will be knowledgeable about the world of work, explore career options, and relate personal skills, aptitudes, and abilities to future career decisions.

Standard 2: Integrated Learning

Students will demonstrate how academic knowledge and skills are applied in the workplace and other settings.

Standard 3a: Universal Foundation Skills

Students will demonstrate mastery of the foundation skills and competencies essential for success in the workplace.

Standard 3b: Career Majors

Students who choose a career major will acquire the career-specific technical knowledge/skills necessary to progress toward gainful employment, career advancement, and success in postsecondary programs.

Business Department Courses Offered by Grade Level

9 th Grade	10 th Grade	11 th Grade	12 th Grade
	Computer Applications Computer Essentials Microsoft Office I Microsoft Office II Accounting I Ownership/Marketing Principles of Marketing Sports & Entertainment Marketing Career & Financial Management Intro. to Culinary Arts International & Regional Foods Advanced Culinary Arts	Computer Applications Computer Essentials Microsoft Office I Microsoft Office II Accounting I Accounting II Business Ownership/Marketing Principles of Marketing Sports & Entertainment Marketing Career & Financial Management Intro. to Culinary Arts International & Regional Foods Advanced Culinary Arts	Computer Applications Computer Essentials Microsoft Office I Microsoft Office II Accounting I Accounting II Business Economics Business Ownership/Marketing Principles of Marketing Sports & Entertainment Marketing Career & Financial Management Intro. to Culinary Arts International & Regional Foods Advanced Culinary Arts

COMPUTER ESSENTIALS (F606) Grades 10, 11, 12 semester ½ credit

Learn the valuable asset of touch typing giving you the edge in today's world of technology. This course is especially beneficial to students who plan to go to college! In addition, you will format letters and research reports using Microsoft Word.

COMPUTER APPLICATIONS (F603) Grades 10 – 12 year 1 credit

This course is highly recommended for students who plan to seek employment or for those who plan to go to college. You will learn to touch type, format letters, memorandums, reports and tables. Upon completion of this course, you will feel confident and ready for today's technological society.

MICROSOFT OFFICE I (F607) Grades 10, 11, 12 semester ½ credit

You will discover how Microsoft Office (Word, Excel, and PowerPoint) is a tool for success. The main focus will be word processing, spreadsheet and presentation applications. Students will become familiar with applications that are commonly used in both the college classroom and the workplace. The applications learned can be used for communications, business, graphic arts, science, math and engineering. MICROSOFT OFFICE is the preferred program by most large and small companies in the USA. Many colleges require students to be proficient with current technology. It is essential that every high school graduate be competent in these programs in today's highly technological world. **This course offers the student the option of earning 3 college credits through Farmingdale State College.**

Prerequisite: Computer Essentials is recommended but not required.

MICROSOFT OFFICE II (F608) Grades 10, 11, 12 semester ½ credit

In this course students will master and enhance their skills in Microsoft Office (Word, Excel, and PowerPoint). The main focus will be word processing, spreadsheet and presentation applications. Coursework will also include the integration of the Internet. Students will become familiar with applications that are commonly used in both the college classroom and the workplace. The applications learned can be used for communications, business, graphic arts, science, math and engineering. MICROSOFT OFFICE is the preferred program by most large and small companies in the USA. Many colleges require students to be proficient with current technology. It is essential that every high school graduate be competent in these programs in today's highly technological world. **This course offers the student the option of earning 3 college credits through Farmingdale State College.**

Prerequisite: Microsoft Office I

ACCOUNTING I (F609) Grades 10, 11, 12 year 1 credit

This challenging course provides the student with a foundation for an entry-level position as an accounting clerk or a bookkeeper and will also provide insight for the student who is considering a college major in accounting or business. Basic accounting concepts, principles, and procedures up to and including the financial statements are covered for both a service business and a merchandising business. Many students will have an opportunity to visit businesses and experience the world of work first hand. Accounting I will be of value to all students who are interested in pursuing a sequence in business. Peachtree Accounting software, which is used in industry today, is taught in this course. Students are also taught how to use Microsoft Excel in basic accounting systems. **This course offers the student the option of earning 3 college credits through Farmingdale State College.**

ACCOUNTING II (F610) Grades 10, 11, 12 year 1 credit

This course is designed for the student who would like to further his/her knowledge of accounting and is considering a profession in a accounting, business, finance. This course is enhanced through guest speakers, presentations, and direct contact with local business community. Peachtree Accounting software, which is used in industry today, is taught in this course. Students are also taught how to use Microsoft Excel in basic accounting systems. **This course offers the student the option of earning 3 college credits through Farmingdale State College.**

Prerequisite: Accounting I

BUSINESS OWNERSHIP & MARKETING (F614) Grades 10, 11, 12 year 1 credit

This course is designed to provide students with a background in managing a small business. Content of this course will include selected entrepreneurial skills, as well as management and marketing functions related to the operation of a business. Students in this class run the school store. This course is enhanced through media, guest speakers, and direct contact with the business community.

PRINCIPLES OF MARKETING (F611) Grades 10, 11, 12 semester ½ credit

This course is designed to develop the basic competencies necessary for a career in a variety of marketing job clusters. Content of this course consists of the basic marketing functions, with emphasis on the retailing industry. Many students will have an opportunity to visit businesses and experience the world of work first hand.

SPORTS & ENTERTAINMENT MARKETING (F613) Grades 10, 11, 12**semester ½ credit**

This course will explore the sports and entertainment industries and provide insight into executive-level decision-making, the relationship between sports and entertainment, and various promotion and marketing procedures. Case studies and news media will be used to position the student in the role of a sport or entertainment marketer. Possible field trips include a tour of Madison Square Garden or a marketing seminar hosted by the New York Islanders.

Prerequisite: Principles of Marketing**BUSINESS MATH (F621) Grades 10, 11, 12 year 1 credit****CAREER AND FINANCIAL MANAGEMENT (F623S/F) Grades 9 – 12****Semester or alternate day ½ credit**

A course designed to develop basic skills needed to prepare students for the workforce and independent living. Students will focus on career exploration as well as managing personal finances. This course is recommended for all students, especially those going directly to work from high school. **Required for all Business Sequences.**

INTRODUCTION TO CULINARY ARTS (L901) Grades 11,12 semester ½ credit

“Learn to Cook”!!! Food and Nutrition is a fast moving basic preparation course designed for those students who are interested in developing skills either for personal enrichment or for career potential. This course will help the student develop an understanding of sound nutritional concepts through many hands-on experiences related to food and nutrition.

INTERNATIONAL & REGIONAL FOODS (L902) Grades 11, 12 semester**½ credit**

Experience the culture and culinary delights of other regions and countries of the world. Learn the fundamentals of food preparation as well as gain an understanding of those factors that influence individual food choices. Experience a wide variety of foods in a fast-moving lab course. Eat your way around the world in one semester! Bon Appetit!

Prerequisite: Introduction to Culinary Arts**ADVANCED CULINART ARTS (L911) Grades 10 – 12 year 1 credit**

This project-based course will allow students to experience many aspects of artistic and decorative food preparation. We will include cookie and cake decorating, chocolate molding, gingerbread house construction and extreme food preparation. Students will be encouraged to combine food preparation skills and creative expression for both personal satisfaction and future career options.

Prerequisite: Introduction to Culinary Arts



English Department

English as a core component of the educational process is designed to develop the skills of speaking, writing, reading and listening as set forth by the New York State Standards. Therefore, four years of English is required of every pupil. In grades 9, 10, and 11 students follow traditional English courses in which reading, language, literature and composition are stressed. In grade 12 students choose an English course and have the opportunity to explore more specific areas of interest.

In January of their English 11 course, students will take the Comprehensive English Regents Examination.

Standard 1: Students will read, write, listen, and speak for information and understanding.

As listeners and readers, students will collect data, facts, and ideas; discover relationships, concepts, and generalizations; use knowledge generated from oral, written, and electronically produced texts. As speakers and writers, they will use oral and written language to acquire, interpret, apply, and transmit information.

Standard 2: Students will read, write, listen, and speak for literacy response and expression.

Students will read and listen to oral, written, and electronically produced texts and performances, relate texts and performances to their own lives, and develop an understanding of the diverse social, historical, and cultural dimensions that the texts and performances represent. As speakers and writers, students will use oral and written language for self-expression and artistic creation.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

As listeners and readers, students will analyze experiences, ideas, information, and issues presented by others using a variety of established criteria. As speakers and writers, they will present in oral and written language, and from a variety of perspectives, their opinions and judgments on experiences, ideas, information, and issues.

Standard 4: Students will read, write, listen, and speak for social interaction.

Students will use oral and written language for effective social communications with a variety of people. As readers and listeners they will use the social communications of others to enrich their understanding of people.

REGENTS ENGLISH 11 (A106) Grade 11 year 1 credit

This is a full-year course designed for the college-bound Regents student who wants a general approach to English which will enable her/him to do well on the Comprehensive English Regents and the SAT's. Generally, it is a survey course of American Literature which won't follow but upgrade the 10R format. A special segment of the course will be designed to prepare students for the Regents examination. A formal research paper is also required.

HONORS ENGLISH 11 (A106H) Grade 11 year 1 credit

Designed for the accelerated student, English 11 honors features a study of American and world literature and composition techniques.

Prerequisite: B+ or better in English 10R/English 10H.

AP ENGLISH LANGUAGE & COMPOSITION (A111AP) Grade 11 year 1 credit

AP Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. This course stresses narrative, exploratory, expository and argumentative prose on a variety of subjects from personal experiences to public policies, from imaginative literature to popular culture. Students will read complex texts for understanding and write sophisticated prose for mature communication.

Prerequisite: English 10H. Because of the level of difficulty of composition assignments, a writing sample will also be required.

ENGLISH 12: COMPOSITION (A133) Grade 12 fall semester ½ credit

This is the first course (one semester) in a required two course sequence for English 12 credit. This course, taught in the fall, deals with a variety of writing experiences. Students will write assignments of different lengths and styles in order to meet the challenges of today's technological and communications-oriented society. Numerous essays and short readings will be included in the curriculum to model the writing techniques.

Prerequisite: English 11

ENGLISH 12: LITERATURE (A134) Grade 12 spring semester ½ credit

The second part of the required English 12 sequence is this one semester course offered in the Spring. The course deals with short fiction, novels, drama and poetry. Students will encounter some of the world's greatest authors and will be challenged by the relevance of their works and the values inherent in them. The skills learned in English 12 Composition will be used in the analysis of literature, culminating with the writing of a documented essay.

Prerequisite: English 11

COLLEGE ENGLISH 101(A131) Grade 12 fall semester ½ credit
COMPOSITION & RHETORIC C.W. POST/SCALE 0451DS

This course teaches various forms of college level writing, including standard rhetorical modes such as: narration, argumentation, definition, comparison/contrast and cause and effect. In addition, emphasis is placed on the form and purpose of the research paper. This is a one semester fall offering which carries three college credits upon successful completion of the course requirements. **SCALE credit in this course is predicated upon payment of tuition.**

Prerequisite: B+ or better in English 11, Application to C.W. Post.

COLLEGE ENGLISH 102 (A132) Grade 12 spring semester ½ credit

COLLEGE ENGLISH 102 (A000) SURVEY OF LITERATURE: C.W. POST/SCALE 0452DS

This course covers various forms of college level reading including poetry, short stories, novels, and plays. Emphasis will be placed on literary analysis and the analysis of literary criticism.

This is a one semester spring offering which carries three college credits from C.W. Post. Students receive both high school and college credit upon successful completion of the course requirements. **SCALE credit in this course is predicated upon payment of tuition.**

Prerequisite: or better in English 11, Application to C.W. Post

AP ENGLISH LITERATURE (A110AP) Grade 12 year 1 credit

The Advanced Placement English course is a college-level, introductory course in reading and analysis of literature. Through critical analysis of great works of literature, students will become acquainted with some of the chief artistic, mythological and philosophical concerns which have contributed to Western Civilization. Major works by Conrad, Shelley, Woolf, Stoppard, Shakespeare, Faulkner, and other writers will be considered.

NOTE: Due to the heavy reading assignments, completion of a summer reading list is required; novels will also be assigned during vacations.

Admission to the course will be based on faculty recommendations, overall GPA of 85 or above (B+ in an Honors course or an A in a Regents course), and permission of the instructor. It is suggested that students who wish to take AP English also have a PSAT score above the 70th percentile. Because of the level of difficulty of composition assignments, a writing sample will also be required.

JOURNALISM (A112) Grades 11, 12 year 1 credit

This class is designed for students who are interested in pursuing a career in journalism, business or public relations; any career in which concise writing is appropriate. Students will learn to write hard news, features, editorials and sports journalism as well as writing for broadcast journalism in radio and television including documentaries. Students enrolled in the class are eligible for induction into the Quill and Scroll Society, the Journalism Honor Society, and are published in the school newspaper *The Clipper*, as well as other local publication.

CREATIVE WRITING (A118) Grades 11, 12 semester ½ credit

Provides opportunities for written expression through poetry and short fiction, as well as understanding the limits and possibilities of these forms. Students taking this course will be provided an unusual opportunity to develop their interests and skills in written expression.

PUBLIC SPEAKING (A120) Grades 11, 12 semester ½ credit

Students will learn speaking skills useful to them in both informal and formal situations. They will learn how to inform, to amuse, and to persuade an audience. They will learn to speak both with and without notes. Listening skills will also be sharpened. Some work will also be done in oral interpretation of literature. Some reading and writing are required.

DEBATE (A121) Grades 11, 12 semester ½ credit

Debate is perhaps the most challenging form of oral communication. It is used daily in courts and legislatures as a means of arriving at decisions about important issues. It has also been used in schools for centuries as a means of training for responsible decision making.

SENIOR ENGLISH (A122) Grade 12 semester ½ credit

This course emphasizes the fundamental skills of reading, writing and spelling: the mastery of mechanics and the development of vocabulary. Designed for students who, for a multitude of reasons, have not yet performed with basic competency in the language and do not plan to continue their education.

CINEMA ARTS (A123) Grades 11, 12 semester ½ credit

Films will be shown in order to deepen understanding of themes, characters, history and other topics covered in corresponding literature. This will give the student a chance to develop his or her own appreciation of literature and film simultaneously. Some history of the film industry will be studied. Vocabulary and writing will also be a part of the course. Major concentration in the film will be on themes, characters and values.

PHILOSOPHY (A129) Grades 11, 12 semester ½ credit

Do you like argue? Have people told you that you would make a good lawyer? Have you ever wondered "Who am I here?" "Why am I here?" "What is the right thing to do?" These are some of the questions that people ask themselves throughout their lives. By examining puzzles, logic exercises, jokes, and literature, students will have an enjoyable environment in which to refine and answer these questions.

CRITICAL THINKING (A130) Grades 11, 12 semester ½ credit

Every day student's are confronted by information in television, newspapers, and the internet. But how much of this information is true? Critical thinking is a course in verbal self defense. In this course students will learn to recognize the appeals used in advertising, the media, the internet, and politics. Topics such as urban legends, television psychics, Atlantis, and Big Foot will be explored.

SAT PREP (A140) Grades 10, 11 semester ½ credit

This is a half year course designed to better prepare students for the "new" SAT, first introduced in March 2005. This course will provide the student with practice in the Critical Reading and Writing sections as well as study tips and real strategies to help them improve their scores. This course will also provide the student with information about SAT Subject exams and the ACT exam.



ESL Department

(English as a Second Language)

NYS mandated ESL classes are taught at three different levels: Beginner, Intermediate, and Advanced. This level is determined by each student's NYSESLAT or LAB-R scores. With Beginner ESL students, English language skills are taught through listening, speaking, reading and writing exercises. For Intermediate and Advanced students, language skills are improved by teaching in the content areas. Subjects such as English literature, film, mathematics, global studies, and science are emphasized. The criteria for admittance into the ESL program are NYSESLAT scores, an oral interview with the guidance counselor, and teacher recommendations. The ESL courses focus on the NYS Learning Standards for English as a Second Language.

STANDARD 1: Students will listen, speak, read, and write in English for information and understanding.

STANDARD 2: Students will listen, speak, read, and write in English for literary response, enjoyment, and expression.

STANDARD 3: Students will listen, speak, read, and write in English for critical analysis and evaluation.

STANDARD 4: Students will listen, speak, read, and write in English for classroom and social interaction.

STANDARD 5: Students will demonstrate cross-cultural knowledge and understanding.

ESL Course Offering by Grade Level

Grades 9 – 12
ESL Beginner (N101)
ESL Intermediate (N102)
ESL Advanced (N103)



Health & Physical Education

The South Country Physical Education program is based on a common core of learning experiences planned on a sequential arrangement appropriate to the individual's stage of social, emotional, intellectual and psychomotor development. The Physical Education program contributes to the physical, social, and mental health of the individual and is an important part of the education process.

At all levels, the Physical Education program is designed to enable students to develop a life plan for wellness. Students will be tested each year (President's Physical Fitness Test).

Students with special physical or emotional needs are provided with an adaptive program designed to meet their particular requirements.

Health and Physical Education reflects the New York State Learning Standards, the list of which includes the following:

Standard 1: Personal Health and Fitness

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

Standard 2: A Safe and Healthy Environment

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

Standard 3: Resource Management

Students will understand and be able to manage his/her personal and community resources



Health & Physical Education Course Offerings by Grade Level

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Physical Education <u>Activities:</u> Tennis Paddleball Badminton Volleyball Basketball Decathlon Rugby Soccer Football Wellness European handball Softball Weight room Lacrosse Ultimate Frisbee Floor hockey Toning Square dancing Project Adventure Physical Fitness	Physical Education <u>Activities:</u> Tennis Paddleball Badminton Volleyball Basketball Decathlon Rugby Soccer Football Wellness European handball Softball Weight room Lacrosse Ultimate Frisbee Floor hockey Toning Square dancing Project Adventure Physical Fitness	Physical Education Health Survival for Life <u>Activities:</u> Tennis Paddleball Badminton Volleyball Basketball Decathlon Rugby Soccer Football Wellness European handball Softball Weight room Lacrosse Ultimate Frisbee Floor hockey Toning Square dancing Project Adventure Physical Fitness	Physical Education Health Survival for Life <u>Activities:</u> Tennis Paddleball Badminton Volleyball Basketball Decathlon Rugby Soccer Football Wellness European handball Softball Weight room Lacrosse Ultimate Frisbee Floor hockey Toning Square dancing Project Adventure Physical Fitness

PHYSICAL EDUCATION (P101F/S) Grades 9 – 12 year alternate days ½ credit

This program is based on a group of core development activities. The purpose of this program is to develop positive attitudes toward physical activity, develop an understanding of the present values of an activity or sport, and to learn to appreciate how the body moves. Activities include: fitness and psychomotor testing, evaluation and placement, sport orientation (soccer, football, basketball, volleyball, softball, gymnastics), personal fitness and folk, square and social dancing.

ADAPTIVE PHYSICAL EDUCATION (P113) Grades 9 – 12 year alternate days ½ credit

Adaptive Physical Education is a New York State mandated program made available to the student who is physically or emotionally restricted to small group activity (6 students maximum = 1 teacher). The student in Adaptive P.E. must be evaluated by a physical educator and recommended to the Committee on Special Education (CSE). The course is designed to work individually with each student's limitations, building toward a more successful total fitness level and lifestyle. (Limited enrollment)

HEALTH EDUCATION (Q101 or Q101A) Grades 11, 12 semester/alt.day ½ credit

This course is a NYS mandate. This class increases the students' self awareness mentally, emotionally/socially and physically. The content is fact-based and current health issues are discussed to help the student make healthy, responsible decisions throughout their lifetime. Topics include but not limited to: mental health, substance abuse prevention, HIV/AIDS education, stress management skills, human sexuality, diet, nutrition and exercise.

SURVIVAL FOR LIFE (Q102) Grades 11, 12 semester ½ credit

The first half of this course will be devoted to instruction leading to a community first aid/CPR/AED card from the American Heart Association or the American Red Cross for adult, child, and infant. The course is designed for those interested in a hands-on approach to learning. The second half of the course will follow our lives from womb to tomb. An in-depth exploration of our development, from the moment of conception to handling grief and death. Significant time will be spent on our roles as we enter adulthood and parenting.

Prerequisite: Health Grade Levels 11-12.



LOTE Department (Languages Other Than English)

All students in South Country Schools begin LOTE in the seventh grade and may begin another language at any time in the High School; however, the longest possible sequence is recommended in order to achieve conversational proficiency in any language.

In the adventure of learning languages other than English, students learn about foreign cultures. All of these are experiences that enhance a student's understanding and appreciation of his/her own culture.

French, Italian and Spanish are modern languages and are therefore taught with the major emphasis on oral communication. There is less stress on reading and writing especially in Level I. Levels II, III, IV, and V are taught in 4 or 5 years depending on the sequence chosen.

In Latin, communicative skills are consciously developed in both Latin and English. Students learn Latin to enhance their awareness of our Greco-Roman heritage and to communicate more effectively in English. Three levels of Latin are taught. The study of Latin is recommended for students geared toward AP English.

A New York State Comprehensive Regents Examination is given in French, Italian, Latin and Spanish at the end of three units of study. Students who are native speakers of a language may take the Regents examination and receive Regents credit without attending a class upon scoring a minimum of 85% on the Regents exam and completing a special project. Regents exams can be ordered from the State Education Department for other Modern Languages upon students request. Incoming ninth grade students must successfully accumulate a **minimum** of one credit in a language other than English in order to graduate.

The Bellport High School LOTE program and courses are driven and guided by the New York State Learning Standards for Languages Other Than English (LOTE).

Standard 1: Communications Skills

Students will be able to use a language other than English for communication.

Standard 2: Cultural Understanding

Students will develop cross-cultural skills and understanding.

LOTE Department Course Offerings by Grade Level

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Spanish I Spanish II French I French II Italian I Italian II Latin I	Spanish II Spanish III French II French III Italian II Italian III Latin II	Spanish III Honors Spanish IV French III Honors French IV Italian III Honors Italian IV Latin III	AP Spanish Language AP French Language

SPANISH I (E511)

FRENCH I (E501)

ITALIAN I (E521)

LATIN I (E531)

Grades 9 – 12

year

1 credit

Two thirds of the course focuses on listening comprehension and speaking communication. Cultural awareness, reading, and writing make up the rest of the curriculum.

BASIC REQUIREMENTS: Class participation, oral presentations, homework, projects, notebook, quizzes, unit examinations, mid-term and final examinations.

SPANISH II (E512)

FRENCH II (E502)

ITALIAN II (E522)

LATIN II (E532)

Grades 9 – 12

year

1 credit

The proportion of oral work to reading and writing is about 50% in the second year. Culture and history are stressed here.

BASIC REQUIREMENTS: Class participation, oral presentations, homework, projects, notebook, quizzes, unit examination, mid-term and final examinations.

PREREQUISITE: Successful completion of Level I.

SPANISH III (E513)

FRENCH III (E503)

ITALIAN III (E523)

LATIN III (E533)

Grades 9 – 12

year

1 credit

The proportion of time given to oral work in the class continues to be about 50%. Composition and advanced reading comprise the rest of the curriculum.

BASIC REQUIREMENTS: Class participation, oral presentations, homework, projects, notebook, quizzes, unit examinations and mid-term. The final evaluation of this course is the New York State Comprehensive Regents Examination.

PREREQUISITE: Successful completion of Level II.

HONORS SPANISH IV (E514H)

HONORS FRENCH IV (E504H)

HONORS ITALIAN IV (E524H) Grades 11, 12 year 1 credit

These courses cover some literature, current events, everyday conversations, history and culture. Speaking and writing for communication is stressed.

BASIC REQUIREMENTS: Class participation, homework, notebook, quizzes, written papers, written and oral projects, mid-term and final examinations.

PREREQUISITE: Passing New York State Regents Comprehensive Examination in French, Italian, Spanish or Latin, at Level III with an 85%.

AP SPANISH LANGUAGE (E516AP)

AP FRENCH LANGUAGE (E508AP) Grades 11, 12 year 1 credit

The program is a national program of the College Board to help students who wish to pursue college level studies while still in secondary school. The course covers studies comparable in content and difficulty to a full year course in Advanced Composition and Conversation at the college level. In our school, this consists of a two year high school course intended to develop the knowledge and proficiency of the student in French and Spanish Languages. Students receive one credit for each year.

BASIC REQUIREMENTS: Class participation, quizzes, notebook, homework, unit exams, written and oral projects, mid-term and final examinations. The Advanced Placement Examination is taken at the end of year two.

PREREQUISITES: Students must have completed Level III French or Spanish and have passed the New York State Comprehensive Regents Examination with an 85% or above.



Mathematics Department

The NYS Mathematics Standards state that students will:

- understand the concepts of and become proficient with the skills of mathematics;
- communicate and reason mathematically;
- become problem-solvers by using appropriate tools and strategies, through the integrated study of number sense and operations, algebra, geometry, measurement, and statistics and probability.

Mathematics should be viewed as a whole body of knowledge, not as a set of individual components. The NYS Mathematics standards are represented as process strands and content strands. These strands will help define what students should know and be able to do as a result of their engagement in the study of mathematics.

The Five Content Strands

Number Sense and Operations Strand

Students will:

- understand numbers, multiple ways of representing numbers, relationships among numbers, and number systems;
- understand meanings of operations and procedures, and how they relate to one another;
- compute accurately and make reasonable estimates.

Algebra Strand

Students will:

- represent and analyze algebraically a wide variety of problem-solving situations;
- perform algebraic procedures accurately;
- recognize, use, and represent algebraic patterns, relations, and functions.

Geometry Strand

Students will:

- use visualization and spatial reasoning to analyze characteristics and properties of geometric shapes;
- identify and justify geometric relationships, formally and informally;
- apply transformations and symmetry to analyze problem-solving situations;
- apply coordinate geometry to analyze problem-solving situations.

Measurement Strand

Students will:

- determine what can be measured and how, using appropriate methods and formulas;
- use units to give meaning to measurements;
- understand that all measurement contains error and be able to determine its significance;
- develop strategies for estimating measurements.

Statistics and Probability Strand

Students will:

- collect, organize, display, and analyze data;
- make predictions that are based upon data analysis;
- understand and apply concepts of probability.

The Five Process Strands

Problem-Solving Strand

Students will:

- build new mathematical knowledge through problem solving;
- solve problems that arise in mathematics and in other contexts;
- apply and adapt a variety of appropriate strategies to solve problems;
- monitor and reflect on the process of mathematical problem-solving.

Reasoning and Proof Strand

Students will:

- recognize reasoning and proof as fundamental aspects of mathematics;
- make and investigate mathematical conjectures;
- develop and evaluate mathematical arguments and proofs;
- select and use various types of reasoning and methods of proof.

Communication Strand

Students will:

- organize and consolidate their mathematical thinking through communication;
- communicate their mathematical thinking coherently and clearly to peers, teachers, and others;
- analyze and evaluate the mathematical thinking and strategies of others;
- use the language of mathematics to express mathematical ideas precisely.

Connections Strand

Students will:

- recognize and use connections among mathematical ideas;
- understand how mathematical ideas interconnect and build on one another to produce a coherent whole;
- recognize and apply mathematics in contexts outside of mathematics.

Representation Strand

Students will:

- create and use representations to organize, record, and communicate mathematical ideas;
- select, apply, and translate among mathematical representations to solve problems;
- use representations to model and interpret physical, social, and mathematical phenomena.

REGENTS GEOMETRY (C373) Grades 10, 11, 12 year 1 credit

This is the second course in the New York State Regents mathematics program. This course is meant to employ an integrated approach to the study of geometric relationships. Integrating synthetic, transformational, and coordinated approaches to geometry, students will justify geometric relationships and properties of geometric figures. Congruence, similarity, properties of triangles, quadrilaterals, and circles will be covered. Three-dimensional geometry will be explored. This course is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from the other sciences. This course culminates with the New York State Geometry Regents exam.

Prerequisite: Successful completion of Integrated Algebra.

GEOMETRY (C372) Grades 10, 11 year 1 credit

This course covers selected topics from the Regents Geometry curriculum and is intended for students who need more time with mathematics in order to grasp concepts. With fewer topics to cover, more time is spent in developing concepts and in doing practice. Topics will include formal and informal basic geometric proofs, the study of definition, postulate, and theorem, logic, transformations, and properties of shapes. The course culminates with a final exam. In the following school year, students successful in Geometry may continue to Regents Geometry or Algebra II.

Prerequisite: Successful completion of Integrated Algebra.

HONORS ALGEBRA II/TRIGONOMETRY (C374H) Grade 10 year 1 credit

This course covers the new Algebra II/Trigonometry curriculum. This course provides a more in-depth study of topics such as operations, coordinate geometry, equations and inequalities, trigonometric functions, variables and expressions, measurement, patterns, functions and relations, as well as statistics and probability. Logarithms and complex numbers will also be included in this course. This course culminates with the New York State Algebra II/Trigonometry Regents exam.

Prerequisite: Successful completion of Honors Geometry.

REGENTS ALGEBRA II/TRIGONOMETRY (C374) Grades 11, 12 year 1 credit

This course covers the new Algebra II/Trigonometry curriculum. This course covers topics such as operations, coordinate geometry, equations and inequalities, trigonometric functions, variables and expressions, measurement, patterns, functions and relations, as well as statistics and probability. Logarithms and complex numbers will also be included in this course. This course culminates with the New York State Algebra II/Trigonometry Regents exam.

Prerequisite: Successful completion of Regents Geometry.

TRIGONOMETRY (C365) Grade 12 year 1 credit

Selected topics from the Algebra II/Trigonometry curriculum are included in this course, but they are discussed in less depth and with less emphasis on theory. The course provides a thorough overview of trigonometric concepts starting with right triangle trigonometry proceeding to the functional relationships of trigonometry in a technical world. A graphing calculator will be used throughout the course. The course culminates with a final exam.

Prerequisite: Successful completion of Intermediate Algebra.

Algebra 2 (COLLEGE PREP ALGEBRA) Grades 11, 12 year 1 credit

Selected topics from the Algebra II/Trigonometry curriculum are included in this course, but they are discussed in less depth and with less emphasis on theory. This course provides a thorough overview of functions, real and complex numbers, logarithms, and elaborate factoring. A graphing calculator will be used throughout the course. A final exam will be administered at the end of the course. This is the first course in a two-year program with Trigonometry that may lead to the Algebra 2/Trigonometry Regents.

Prerequisite: Regents Geometry or Geometry.

ADVANCED ALGEBRA (C364) Grade 12 year 1 credit

This course provides an in-depth study of algebraic and transcendental functions such as logarithmic functions, exponential functions as well as topics in linear algebra. A graphing calculator will be used throughout this course.

This course offers the student the option of earning 3 college credits through the Excelsior Program at Suffolk Community College.

Prerequisites: Algebra II/Trigonometry

COMPUTER PROGRAMMING I (C355) Grades 10, 11, 12 year ½ credit

This is computer programming in the VISUAL BASIC Language. This course will cover beginning programming through arrays and high and low resolution graphics. **This course offers the student the option of earning 3 college credits through Farmingdale State College.**

Prerequisite: Integrated Algebra

COMPUTER PROGRAMMING II (C356) Grades 11, 12 year ½ credit

This course will include data files and advanced programming techniques. The C++ and Java programming languages will be included. This course is an extension of Computer Programming I with additional emphasis on program design using pseudo-code, flowcharts, and top down design. Successful completion of this course will prepare the students for the Advanced Placement Computer Science course. **This course offers the student the option of earning 3 college credits through Farmingdale State College.**

Prerequisite: Computer Programming I

AP STATISTICS (C316AP) Grades, 11, 12 year 1 credit

This course is designed to be comparable to a typical non-calculus-based-technology introductory statistics course taught in college. The course emphasizes (1) exploring data (2) planning a study (3) anticipating patterns and (4) statistical inference. **Students are required to take the AP exam in May.**

Prerequisite: Algebra II/Trigonometry

AP COMPUTER SCIENCE A (C357AP) Grades 11, 12 year 1 credit

This course is comparable to a first semester college course in computer science. It emphasizes programming methodology with a concentration of problem solving algorithms, and data structures. A sound understanding of the basic skills of programming in C++ or Java is expected. Students **are required** to take the AP Computer Science A exam. A satisfactory score on the AP exam can enable the student to earn three or more college credits. All programs will be written in the Java language as required by the College Entrance Examination Board.

Prerequisite: Computer Programming II or departmental recommendation.

HONORS PRE-CALCULUS (C364H) Grades 11, 12 year 1 credit

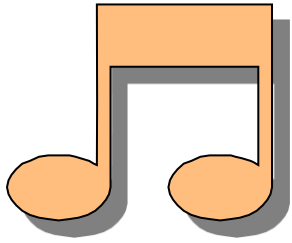
This honors level course is designed for students planning to study calculus or contemplating a college major in math or science. The objective of this course is to provide students with the best possible understanding and appreciation of how algebra, trigonometry, logarithms, geometry and introductory calculus are integrated to model real-life problems. A graphing calculator will be used throughout the course. **This course offers the student the option of earning 3 college credits through the Excelsior program at Suffolk Community College.**

Prerequisite: Successful completion of Algebra II/Trigonometry.

AP CALCULUS AB (C317AP) Grades 11, 12 year 1 credit

Calculus and analytical geometry are the content of this course. Its primary objective is to provide a strong background in differential and integral calculus with sufficient applications to convey the meaning and importance of the subject. **Students will be qualified and are required to take the AP Calculus A/B exam.**

Prerequisite: Successful completion of Honors Pre-Calculus



Music Department

In accordance with the New York State Learning Standards, the music program offers the student a hands-on study of music by participating in performing groups. We provide students with an opportunity to advance their knowledge of music and its history by offering music theory studies.

Standard 1: Creating, Performing, and Participating in the Arts.

Students will actively engage in the processes that constitute creation and performance in the arts (dance, music, theatre, and visual arts) and participate in various roles in the arts.

Standard 2: Knowing and Using Art Material and Resources.

Students will be knowledgeable about and make use of the materials and resources available for participation in the arts and various roles.

Standard 3: Responding to and Analyzing Works of Art.

Students will respond critically to a variety of works in the arts, connecting the individual work to other work and to other aspects of human endeavor and thought.

Standard 4: Understanding the Cultural Contributions of the Arts.

Students will develop an understanding of the personal and cultural forces that shape artistic communication and how the arts, in turn, shape the diverse cultures of past and present society.



Music Department Course Offerings by Grade Level

Grades 9 - 12
Music and Life Music Fundamentals & Piano Music Theory & Piano I Music Theory & Piano II Symphonic Band Orchestra Mixed Chorus Concert Orchestra Wind Ensemble <u>Chamber Ensembles</u> Chamber Strings Flute Choir Jazz Choir Percussion Ensemble Clarinet Choir

MUSIC AND LIFE (H808) Grades 9 – 12 year 1 credit

This course is a survey of music for students whose experiences with music performance is limited. Music literature and its relation to modern day life (and throughout history) are explored while developing student perceptions, especially listening skills.

MUSIC FUNDAMENTALS & PIANO (H000) Grades 9 – 12 year 1 credit

Class instruction in the fundamentals of playing piano; designed to enable those who have no piano background to play simple compositions and scales. In addition, music theory fundamentals provides an understanding of basic music reading, notations, scales, keys, rhythm and meter. **This course offers the student the option of earning 3 college credits through the Suffolk Community College Excelsior Program.**

MUSIC THEORY I & PIANO (H807) Grades 9 – 12 year 1 credit

For students seeking a thorough understanding of music theory in the areas of scales, meters, intervals, chords and their inversion. The piano component will continue on performance of easy, well-known selections and piano techniques. In addition, students will be introduced to basic skills in ear-training, sight-singing and rhythmic/melodic dictation. **This course offers the student the option of earning 3 college credits through the Suffolk Community College Excelsior Program**

MUSIC THEORY II & PIANO (H000) Grade 9 – 12 year 1 credit

An in depth study of four part writing utilizing seventh chords, second dominants, leading tone dominants, modulations, non-harmonic tones and cadences. Continuation of basic piano skills with concentration on more advanced, well-known selections and piano techniques. In addition, students will be introduced to advanced skills in ear-training, sight-singing and rhythmic/melodic dictations. **Prerequisite: Music Theory I & Piano or approval of Department Chair. This course offers the student the option of earning 3 college credits through the Suffolk Community College Excelsior Program.**

SYMPHONIC BAND (H801) Grades 9 – 12 year 1 credit

This course is for students who can demonstrate acceptable playing ability on wind and percussion instruments.

REQUIREMENTS: Three mandatory performances per year and participation in a rotating lesson schedule.

ORCHESTRA (H802) Grades 9 - 12 year 1 credit

Open to all students who can demonstrate acceptable ability on stringed orchestral instruments (Violin, Viola, Cello, Contrabass). Students will experience both string orchestra and symphonic orchestra literature.

REQUIREMENTS: Three mandatory performances per year and participation in a rotating lesson schedule.

MIXED CHORUS (H804) Grades 9 – 12 year 1 credit

Open to all students who wish to learn choral singing with a wide variety of repertoire of music for mixed chorus, both a cappella and accompanied

Prerequisite: Approval of teacher.

REQUIREMENTS: Three mandatory performances per year and participation in a rotating lesson schedule.

CONCERT ORCHESTRA (H805) Grades 9 – 12 year 1 credit

For students who can demonstrate advanced ability on orchestral stringed instruments (violin, viola, cello, bass).

Prerequisite: Audition by teacher.

REQUIREMENTS: Three mandatory performances per year and participation in a rotating lesson schedule.

WIND ENSEMBLE (H803) Grades 9 – 12 year 1 credit

For students who can demonstrate advanced ability on wind and percussion instruments.

Prerequisite: Audition by teacher.

REQUIREMENTS: Three mandatory performances per year and participation in a rotating lesson schedule.

JAZZ ENSEMBLE (H814) Grades 9 - 12 year ½ credit

Open by audition to students who can demonstrate ability on wind, percussion, keyboard, and guitar for the study of jazz music. (One evening/week)

Prerequisite: Teacher approval.

REQUIREMENTS: Three mandatory performances per year.

Students with demonstrated musical ability are encouraged to participate in any of the following chamber ensembles listed below. Teacher approval is required.

CHAMBER STRINGS

The Chamber Strings is open to all string students currently enrolled in the orchestra program. This ensemble rehearses once a week after school and performs at various school/community functions throughout the year. Students will study and perform literature specific to the orchestral string chamber ensemble.

REQUIREMENTS: Two mandatory performances per year (Chamber Concerts).

FLUTE CHOIR

The Flute Choir is open to all flutists currently enrolled in Band / Wind Ensemble. This chamber ensemble rehearses once a week after school and performs at various school/community related activities throughout the year. Students study and perform assorted chamber music specific to the flute and flute choir.

REQUIREMENTS: Two mandatory performances per year (Chamber Concerts).

JAZZ CHOIR

The Jazz Choir is open to all vocalists enrolled in the high school choral program. This vocal ensemble rehearses once a week after school and performs at various school/community related functions throughout the year. Student participation will perform vocal literature in the jazz/pop idiom.

REQUIREMENTS: Three mandatory performances per year (Chamber Concerts / Jazz Night).

PERCUSSION ENSEMBLE

The Percussion Ensemble is open to all students interested in the study of percussion instruments and percussion literature. A wide variety of ensemble types explore classical, jazz, African, world music, and contemporary genres. Participating students rehearse once a week and perform at various school/community related functions throughout the year.

REQUIREMENTS: Two mandatory performances per year (Chamber Concerts).

CLARINET CHOIR

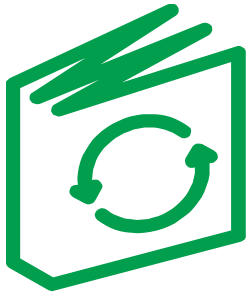
The Clarinet Choir is open to all clarinetists currently enrolled in Band/Wind Ensemble. This chamber ensemble rehearses once a week after school and performs at various school/community related activities throughout the year. Students study and perform assorted chamber music specifically adapted to the clarinet and clarinet choir.

REQUIREMENTS: Two mandatory performances per year (Chamber Concerts).

PEP BAND

Open to students enrolled in the music program or any "Non-music" student with the approval of the teacher. Guidelines/requirements consist of the following:

- Rehearsals will be held once a week after school until the music/routine is learned.
- Students must commit to all home football games (maximum four) and home playoff games (maximum three).



Reading Department

In an effort to provide students with mandated academic intervention services, the Reading Department has teamed up with the English Department and created a number of non-credit bearing classes that are designed to address individual student needs.

ENGLISH REGENTS PREPARATION 10 (V104)

ENGLISH REGENTS PREPARATION 11 (V1013)

This course has been designed to assist students in developing the skills necessary to pass the English Regents exam. The course is comprised of four tasks; taking notes during a speech, interpreting and analyzing charts, comparing and contrasting two works of literature, and applying information from previously read literature to a quotation that is provided. This course is available for students in grades 10, 11 & 12.

ELA-AIS 9 (V102)

ELA-AIS 10 (V101)

As per NCLB all students that receive below a level 3 on a NYS ELA exam are mandated to receive AIS (Academic Support Services). These courses are for students at Risk based on 8th grade ELA Results to work on the development of Reading & Writing Skills, and teach skills needed to pass English Regents exam. Annual end of year assessment is given to determine if placement in ERP is needed for following year

INTENSIVE READING (V103)

This course is designed for those students who are reading at least three grade levels below their current grade level. This course is a prerequisite for students who are not ready for English Regents Prep because their reading level is too low. The purpose of this course is to bring the students reading level up to a high school level, so they will be able to succeed in their content area courses.

READING LAB (V103X)

These courses are available in three different levels based on the individual learning needs of the students. The course(s) are designed for students that range from non-readers to students that are reading at an elementary grade level. The Reading Labs courses are also designed to meet the needs of dyslexic students in which *Recipe for Reading* is used to teach these students to read.

LANGUAGE ARTS (S103AE)

Reading specialist consults with Alternative Education English SE teacher to work on the development of Reading & Writing Skills, Reinforce Concepts covered in English class and teach skills needed to pass English Regents exam. Course is a supplement for IEP students that are placed in an AE English class. This course is available for 9th grade students only.



Science Department

New York State graduation requirements require that all students take and pass a total of three (3) science courses, at least one (1) of which includes passing the respective Comprehensive Regents Examination. Students wishing to obtain an Advanced Regents diploma must pass a minimum of two (2) Regents Examinations and three (3) Science courses.

The New York State Learning Standards for Science incorporate the following:

Standard 1: Analysis, Inquiry, and Design

Students will be able to use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and develop solutions.

Standard 2: Information Systems

Students will access, generate, process, and transfer information using appropriate technologies.

Standard 3: Science

Students will understand and apply scientific concepts, principles, and theories pertaining to physical setting and living environment, and recognize the historical development of ideas in science.

Standard 4: Interconnectedness: Common Themes

Students will understand the relationships and common themes that connect mathematics, science, and technology, and apply the themes to these and other areas of learning.

Standard 5: Interdisciplinary Problem-Solving

Students will apply the knowledge and thinking skills in mathematics, science and technology to address real-life problems and make informed decisions.

Science Department Course Offerings by Grade Level

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Honors Earth Science Regents Living Environment	Regents Living Environment Regents Earth Science Honors Chemistry Authentic Research I	Chemistry Regents Chemistry Regents Physics AP Biology AP Chemistry AP Environmental Science AP Physics B Authentic Research II	Chemistry Physics Regents Physics AP Physics B AP Biology AP Chemistry AP Environmental Science Authentic Research III Electives: Psychology Astronomy Meteorology Environmental Science Marine Science Mystery and Crime

REGENTS LIVING ENVIRONMENT (D405) Grades 9, 10 year 1 credit

The Regents Living Environment course is based on the New York State core curriculum. The course emphasizes the structure, function and relationships of living organisms. Students engage in laboratory experiments which enable them to discover some of the concept developed in the course. The course includes laboratory periods and written laboratory reports. A Regents exam will be given in June.

AP BIOLOGY (D405AP) Grades 11, 12 year 1 credit

This second year course in biology is designed for the student who has completed Chemistry. Advanced Placement Biology is equivalent to College Biology in content and workload. Emphasis is placed on cell biology, genetics, and evolution. Where possible, the students' work in the laboratory leads to the learning of important ideas. Students may receive college credit upon successful completion of the Advanced Placement examination. All students **are required** to take the AP Biology exam in May.

Prerequisite: Chemistry H. Concurrent study of Physics recommended

REGENTS EARTH SCIENCE (D401) Grades 9, 10 year 1 credit

Earth Science Regents adheres to the New York State Earth Science Core Curriculum. The subject matter deals with geology, paleontology, meteorology, and space science. The course includes laboratory periods and written laboratory reports. A Regents exam will be given in June.

HONORS EARTH SCIENCE (D401H) Grade 9 year 1 credit

This course is more enriched and challenging than the basic Regents course and enables the accelerated student to move as rapidly as her/his ability allows. It provides for extensive laboratory and library use and encourages students to become involved in science research projects. Students are expected to maintain an average of at least 85% while enrolled in this course.

Prerequisite: 85% on the Living Environment Regents.

AP ENVIRONMENTAL SCIENCE (D402AP) Grades 11, 12 year 1 credit

This course provides students with an understanding and appreciation for the scientific principles, concepts, and methodologies of the interrelationships of the natural world. Students will identify and analyze environmental problems and alternative solutions for resolving and/or preventing them will be investigated. The focus of the course is to investigate the scientific principles behind environmental problems and issues. Students are encouraged to become involved with science research. The course meets 7½ periods per week. Upon successful completion of this course, students will be well prepared for and **are required** to take the Advanced Placement examination in May.

Prerequisites: Two years of high school laboratory science (one year life science and year physical science). Students are also required to have completed one year of algebra.

CHEMISTRY (D407) Grades 11, 12 year 1 credit

This is a modification of the Regents Chemistry course for students who wish a more descriptive, less mathematical, and more practical course in Chemistry. The course of study will emphasize fundamental principles of chemistry. Students will engage in laboratory experimentation which will enable them to discover concepts developed in the course. Career opportunities will be explored and discussed. The course includes written lab reports.

Prerequisite: One Regents Science credit. Not open to Grade 9 or 10 students

REGENTS CHEMISTRY (D409) Grades 10 – 12 year 1 credit

The course is based on the New York State core curriculum. The emphasis of the course of study is on principles of chemical reactions. Also emphasized are experiments in which students discover the basis for principles of chemistry. The course includes laboratory periods and written laboratory reports. A Regents exam will be given in June.

Prerequisite: Living Environment R. Students must also continue to study mathematics.

HONORS CHEMISTRY (D409H) Grades 10, 11 year 1 credit

The course is based on the New York State core curriculum with an enriched math program that emphasizes qualitative as well as quantitative chemistry. Projects relating to the new standards adopted by New York State will be assigned throughout the year. Students are encouraged to take the SAT II achievement test in chemistry in the spring. The course includes laboratory periods and written laboratory reports. A Regents exam will be given in June.

Prerequisite: 85 in Living Environment H & Earth Science Regents, 85 or better in Regents Mathematics; Students must also continue to study mathematics.

AP CHEMISTRY (D409AP) Grades 11, 12 year 1 credit

This course is an extension of the chemistry curriculum for the advanced student. The student will explore, in detail, topics that have been introduced in Honors Chemistry. The course is designed to give the student experience in chemistry at the college level. Students may receive college credit upon successful completion of the Advanced Placement examination. This course is highly recommended to students who intend to pursue careers in medicine, dentistry, the pharmaceutical industry, chemical engineering, food chemistry, environmental science and the

textile industry. All students **are required** to take the Advanced Placement exam in May. This course meets for two periods every day.

Prerequisite: Chemistry H

Co-requisite: Students must also continue to study mathematics.

PHYSICS (D414) Grade 12 year 1 credit

Students with interests in everyday physical science phenomena will satisfy their scientific curiosity with this non-Regents science program which emphasizes learning through laboratory activities and classroom demonstrations. Topics such as electronics, nuclear physics, heat, sound, light, mechanics, waves, and space systems make this course not only highly interesting, but practical for everyday living as well. Each semester course meets five periods per week, and concludes with a district wide final examination.

Prerequisite: Regents Chemistry or Chemistry, and Integrated Algebra.

REGENTS PHYSICS (D411) Grades 11, 12 year 1 credit

Regents Physics deals with the study of basic physical principles with emphasis on the relationship of energy to time, space, motion, matter, electricity, light, and radiation. Students will gain a practical understanding of the relationship of physics to the real world. This course includes laboratory periods and written lab reports. A Regents exam is given in June.

Prerequisite: Regents Chemistry Co-requisite: Mathematics

AP PHYSICS B (D411AP) Grades 11, 12 year 1 credit

This high level physics course will explore the same topics as Physics R, but at a more in-depth level. This course is designed to give the student experience in physics at the college level. The students must have demonstrated a competence in advanced mathematics. This course is highly recommended for students who intend to pursue careers in medicine, science, engineering, architecture, physical therapy and sports medicine. Students may receive college credit upon successful completion of the Advanced Placement examination. All students **are required** to take the Advanced Placement exam in May and the Regents exam in June. This course meets for two periods every day.

Prerequisite: Honors Chemistry H and Algebra II/Trigonometry; Students must also continue to study mathematics

AUTHENTIC RESEARCH I (D441) Grades 9 – 12 year 1 credit

This course will introduce students to research. Readings will be done in the student's area of interest. Trips to SUNY Stony Brook, Brookhaven National Laboratory and other cooperating institutions will be taken. Methods of research will be taught, including bibliographic searches and journal retrievals. Students will maintain a portfolio of their research. Students will attend various research competitions.

Prerequisite: One year each of Regents level math and science.

Co-requisite: Enrollment in a mathematics and science course.

AUTHENTIC RESEARCH II (D422) Grades 10 – 12 year 1 credit

Students will read and abstract articles from professional journals. Each student will select a specific area of study on which to focus. Methods of selecting and contacting off-site mentors will be explored. Students will maintain a portfolio of their work.

Prerequisite: Authentic Research I

Co-requisite: Enrollment in a mathematics and science courses.

AUTHENTIC RESEARCH III (D423) Grades 11, 12 year 1 credit

Students will be working on an active research project. They will continue to maintain a portfolio of their research. Contact with the research teacher and off-site mentor will be maintained. Each student will be required to present his/her research at various regional and national competitions, research forums,

Prerequisite: Authentic Research II

Co-requisite: Enrollment in mathematics and science courses.

PSYCHOLOGY (D420) Grades 11, 12 semester ½ credit

Psychology is a survey course covering these major areas of human behavior: childhood, adolescence, adulthood, personality development, learning, perception, dreams, sleep and wakefulness, para-psychology and people who have contributed knowledge. Emphasis is upon independent reading, individual research projects and class discussions.

ASTRONOMY (D427) Grades 11, 12 semester ½ credit

Astronomy traces the origin and evolution of the universe to present day. Current theories are presented and discussed. The almost daily discoveries in Astronomy are analyzed with emphasis on planetary and star formation. To this end the possibility and, indeed, probability of life elsewhere, is offered to the student. Personal conclusions about extraterrestrials are guided by the assignments: Astronomy labs, essays and investigations.

METEOROLOGY (D412) Grades 11, 12 semester ½ credit

Meteorology will investigate the phenomena of severe weather such as thunderstorms, hurricanes, and tornados. Students will be able to analyze and draw data on a weather map. Drawings will include fronts, locations of air masses, wind direction and speed. Forecasting methods will be introduced with the use of real-time data, and group student forecasts.

ENVIRONMENTAL SCIENCE (D402) Grades 11, 12 semester ½ credit

Environmental Science will explore the local natural environmental. Students will investigate water and soil analysis, study insect populations and identify plant and animal species. This course will include field work, data collection and data entry into a main data bank held at Brookhaven National Laboratory. Students will be required to participate in outdoor studies and to dress appropriately for current weather conditions.

MARINE SCIENCE (D410) Grades 11, 12 semester ½ credit

Marine Science will investigate concepts and topics about our ocean and local aquatic ecosystem. It is the culmination of both Earth Science and Living Environment curricula, with emphasis on one of the world's largest and least undiscovered frontiers. The marine environment covers most of our planet, is home to most of the life on Earth, regulates our weather and climate, provides most of our oxygen, and feeds much of the human population. It is also playing out to be vital area of concern with the growing concerns of global warning, with regional implications of shoreline erosion, loss of marine habitat, and increased occurrences of significant regional hurricanes.

MYSTERY AND CRIME (D431) Grades 11, 12 semester ½ credit

This is a course in forensic science, which is the scientific evaluation of evidence to solve mysteries and crimes. This course explores current technology. Topics covered will include, but not be limited to, crime scene analysis, fingerprints, microscopic hair and fiber analysis, toxicology (study of poisons), blood tests, DNA testing, ballistics, autopsies, forensic anthropology (clues in bones), and arson. Appropriate lab work will be done. Text work, newspaper and magazine articles and videos will be included.



Social Studies Department

Four years of social studies is required of all students in order that they may be better prepared to shoulder their responsibilities through an appreciation of their historical heritage and exposure to the problems confronting this nation and the world. The discussion of current problems, both national and international, is an important part of the curriculum at all grade levels.

New York State requires two examinations in social studies:

Grade 10 - a two year Comprehensive Regents Examination in Global Studies (9th and 10th Grade)

Grade 11 - a Regents Examination in American History and Government

In accordance with the New York State Learning Standards, the BHS Social Studies curriculum includes the following:

Standard 1: History of the United States and New York

Students will use a variety of intellectual skills to demonstrate their understanding of major ideas, eras, themes, developments, and turning points in the history of the United States and New York.

Standard 2: World History

Students will use a variety of intellectual skills to demonstrate their understanding of major ideas, eras, themes, developments and turning points in world history and examine the broad sweep of history from a variety of perspectives.

Standard 3: Geography

Students will use a variety of intellectual skills to demonstrate their understanding of geography of the interdependent world in which we live - local, national and global - including the distribution of people, places and environments over the Earth's surface.

Standard 4: Economics

Students will use a variety of intellectual skills to demonstrate their understanding of how the United States and other societies develop economic systems and associated institutions to allocate scarce resources, how major decision-making units function in the United States and other national economies, and how an economy solves the scarcity problem through market and non-market mechanisms.

Standard 5: Civics, Citizenship and Government

Students will use a variety of intellectual skills to demonstrate their understanding of the necessity for establishing governments, the governmental system of the United States and other nations; the United States Constitution, basic civic values of the American constitutional democracy; and the roles, rights and responsibilities of citizenship, including avenues of participation.

Social Studies Department Course Offerings by Grade Level

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Regents Global History & Geography 9 Honors Global History & Geography 9	Regents Global History & Geography 10 Honors Global History & Geography 10 AP European History Minorities in America The Holocaust	Regents U.S. History & Government Honors U.S. History & Government AP U.S. History Sociology Current Social Problems Minorities in America The Holocaust	Economics Participation in Government AP U.S. Government & Politics Sociology Current Social Problems Minorities in America The Holocaust

REGENTS GLOBAL HISTORY & GEOGRAPHY 9 (B202) Grade 9 year 1 credit

This course is the first year of the mandated New York State syllabus in social studies. Students will learn about the Ancient World, its civilizations and religions, Expanding Zones of Exchange and Encounter from 500-1200, including the Byzantine Empire, Islamic Civilization and Medieval Europe, the Rise and Fall of the Mongols, the Renaissance, Reformation, the Age of Exploration, and Absolutism in Europe and the non-Western world. Cross cultural connections between Western and the non-Western worlds will be emphasized as part of the New York State standards of geography, history, economics and government. Students will analyze and evaluate historical documents, and will write descriptive and comparative essays on turning points in world history. The course concludes with a departmental final examination.

HONORS GLOBAL HISTORY & GEOGRAPHY 9 (B202H) Grade 9 year 1 credit

Similar in content and skills development to Regents Global History and Geography I, this course will consider more topics in depth and provide opportunities for researching additional topics beyond required ones. The materials and assignments are more rigorous than the Regents level course. Cross cultural connections between Western and the non-Western worlds will be emphasized as part of the New York State standards of geography, history, economics and government. Students will analyze and evaluate historical documents, and will write descriptive and comparative essays on turning points in world history. The course concludes with a departmental final examination.

Prerequisite: Departmental recommendation.

REGENTS GLOBAL HISTORY & GEOGRAPHY 10 (B204) Grade 10 year 1 credit

This course is a continuation of the mandated New York State syllabus in social studies. Students will learn about the Age of Revolution, the major world events of the 19th and 20th centuries, and current global connections and interactions. The New York State standards of geography, world history, economics and government will be emphasized. Students will analyze and evaluate historical documents, and will write descriptive and comparative essays on turning points in world history. Students will take a Regents examination covering two years of Global History and Geography at the conclusion of the course.

Prerequisite: Successful completion of Regents Global History and Geography 9

HONORS GLOBAL HISTORY & GEOGRAPHY 10 (B204H) Grade 10 year 1 credit

This is the second year of a two year sequence in Global History and Geography. Students will learn about the Age of Revolution, the major events of the 19th and 20th centuries, and current global connections and interactions. They will analyze and evaluate historical documents, and will write descriptive and comparative essays on turning points in world history. The New York State standards of geography, world history, economics and government will be emphasized, and there will be more in depth coverage of topics than the Regents level course. Materials and assignments are more rigorous. At the conclusion of the course students will take a Regents examination covering both years of Global History and Geography.

Prerequisite: 90% average in Global I Regents or Honors, and departmental recommendation.

AP EUROPEAN HISTORY (B206AP) Grades: 10, 11, 12 year 1 credit

This is a college-level course on the general narrative of European history from 1450 to the present. The study includes an examination of political, diplomatic, economic, social, intellectual and cultural themes. There is an integration of the history of elites with the experience of ordinary people. Students will compare and contrast the major ideas of documents that contributed to the growth of western civilization. They will also use and analyze statistics, visual and graphic resources, and historical interpretations. There will be a heavy emphasis on the development of thematic essays requiring advanced writing skills. **Students will take both the College Board European History examination and the Regents examination in Global History at the conclusion of this course.**

Prerequisite: Honors Global History and Geography 9, 90% average, and departmental recommendation. A summer assignment will be required.

REGENTS U.S. HISTORY & GOVERNMENT (B208) Grade 11 year 1 credit

This course follows the mandated State syllabus in social studies which this year emphasizes the history, geography, government and economic developments of our own country. The history of American growth from the colonial period to the present is developed. The enduring issues of constitutional principles are stressed with a post 1865 emphasis on social, political and economic themes. Writing and research skills are integrated continuously. At the conclusion of this course, students will take the Regents examination in United States History and Government.

Prerequisite: Successful completion of Regents Global History and Geography 10

HONORS U.S. HISTORY & GOVERNMENT (B208H) Grade 11 year 1 credit

Designed for those students who have demonstrated exceptional interest and ability in modern global history, this course emphasizes the analysis of American history. Students read and analyze historical decisions, form conclusions from data, and write comparative essays. Students will take the Regents examination in United States History and Government at the conclusion of the course.

Prerequisite: 90% average, and departmental recommendation in Regents or Honors Global History and Geography 10

AP U.S. HISTORY (B210AP) Grade 11 year 1 credit

The course content will emphasize major themes of American history from the founding of the first colonies to the present. The techniques of sifting evidence, creating hypotheses, and the writing of coherent, college-level essays with theme, focus and depth will be demonstrated and practiced. Artistic, philosophical and historiographical analysis will be highlighted.

This is a college level course and students will be qualified and expected to take the College Board Advanced Placement Exam in United States History, and the United States History and Government Regents Examination at the completion of the course.

Prerequisite: 85% average in AP European History or 90% average in Honors Global History and Geography 10, and departmental recommendation based upon AP criteria check list, as well as the submission of AP level writing assignments in prerequisite course work.

AP UNITED STATES GOVERNMENT AND POLITICS (B213A)

Grade 12 year 1 credit

Advanced Placement United States Government and Politics is a college-level full year class that focuses, in depth, on the institutions of American government and the behavior and responsibilities of its citizens. Students should have, as a prerequisite to being admitted to the class, at least a B+ average in their current Social Studies class and a recommendation from their current Social Studies teacher. Previous experience in an Advance Placement course is strongly encouraged. Students are **required** to take the Advanced Placement examination given each May,

ECONOMICS (B212) Grade 12 semester ½ credit

This one semester course in Economics is a New York State requirement for graduation. The course is designed to give students the opportunity to explore some of the perplexing economic problems of our times and to acquire a basic literacy in economics. Business organizations, investing, money and banking and labor are among the topics considered.

PARTICIPATION IN GOVERNMENT (B213) Grade 12 semester ½ credit

This one semester course in Participation in Government is a New York State requirement for graduation. The course is designed to encourage the development of civic minded individuals capable of effectively fulfilling the "office of citizen" that is a fundamental precept of democracy. The course will consider an analysis of public issues, decision making on these issues and the implementation of these decisions.

SOCIOLOGY (B214) Grades 11, 12 semester ½ credit

Sociology is a Fall semester elective course for juniors and seniors desiring a five year sequence in social studies. The intent of the course is to introduce students to the study of sociology, the interaction of people in groups. It is hoped that the student will acquire a greater awareness of the complexities of our modern American society and a desire to understand it more fully.

CURRENT SOCIAL PROBLEMS (B215) Grades 11, 12 semester ½ credit

Current Social Problems is a one semester elective course for juniors and seniors desiring a five year sequence in social studies. The course is designed to give students the opportunity to explore some of the perplexing problems of our times and to study the various means available for finding solutions to these problems both on a personal level and a public level.

MINORITIES IN AMERICA (B217) Grades 10, 11, 12) semester ½ credit

This is a one semester social studies elective course open to juniors and seniors with no prerequisite. The course is designed to provide a historical and up-to-date survey of one of our most serious national issues - minorities' adjustments to the American mainstream. Given the nature of our pluralistic society it is necessary to focus on the multi-cultural aspects and contributions of minorities to American society. Students will gain a knowledge and appreciation of various minorities

**THE HOLOCAUST AND OTHER ACTS OF GENOCIDE (B218) Grades 10, 11, 12
(FACING HISTORY & OURSELVES) semester 1/2 credit**

This is a one semester social studies elective course open to sophomores, juniors and seniors with no prerequisite. This course will examine human behavior and explain what brings people to such hatred that they commit genocide. The Holocaust is over, but the nature of society that carried it out exists here and now. The Holocaust will be the primary focus of this course, however, we will look at the treatment/genocide of various groups throughout history, including the Native Americans, African Americans, Japanese Americans, and the Armenians. The course presents moral and ethical dilemmas to the students with the intent on preparing them to live, work, and acquire the skills necessary to engage in a multi-cultural society.



Special Education Department

A full continuum of services is available to meet the needs of children as recommended by the Committee on Special Education. Individual educational plans are developed for disabled students that delineate specific goals for student growth and achievement. Special class, Resource room, Related Services, and other services are available to support students with disabilities. These students will qualify for a Regents, Local, or IEP Diploma. Parents, teachers, guidance counselors, nurses, psychologists or the students themselves may refer to the Committee on Special Education. For further information, please contact Ms. Ann Marie Morreale, Director of Student Services at 730-1789 or Mrs. Penny Vorwald, Chairperson for Special Education at 730-1779.

Inclusion- all subject areas

The inclusion program is a co-taught general education class, specifically designed for students with disabilities. The program is comprised of students with moderate to significant academic, social, physical, and/or management needs. The students receive instruction from a special education and general education teacher within a general education classroom setting. The curriculum is based on the NYS standards for the subject area, and instruction is modified to meet the specific individual needs of the special education student. The students are responsible for the NY State general education assessments.

Alternate Education- all subject areas

The Alternate Education program is designed for students with disabilities who require the support of a special education teacher in a departmentalized special education setting. The program is comprised of students with moderate to severe academic, social, physical and/or management needs. Instruction is delivered in a small group setting (15:1). The curriculum is based on the NYS standards for the subject area. Instruction is modified to meet the needs of the special education students. The students are responsible for the NY State general education assessments.

Resource Room

The resource room program is designed for students with disabilities who are mainstreamed, but require academic support from a special education teacher for one period, every day, in a 5:1 setting. The program is comprised of students with minimal to moderate academic, social, management, and/or physical needs. The class focuses on organizational and study skills; as well as, support in all mainstream subject areas.

ILP Program

The Intensive Learning Program is designed to promote student academic and behavioral success. Instruction is delivered in a small group setting (8:1:1). The class is comprised of students with severe academic, social and/or management needs. The curriculum is based on the NYS Standards and appropriate character development is incorporated into the syllabus. The Intensive Learning Program utilizes a positive reinforcement system in all aspects of the curriculum. The students are responsible for the NY State general education assessments.

Life Skills

The Life Skills program is comprised of students with moderate to severe developmental delays in academic, social, physical and management needs. They receive full-time instruction in a modified NYS Standards-based curriculum from a special teacher in a special education setting. The students participate in the New York State Alternate Assessments.

ALTERNATE EDUCATION ELECTIVES

PATHWAYS TO SELF-ADVOCACY (Y000) Grade 11 semester ½ credit

This course will focus on special education students identifying skills, abilities and interests to facilitate a successful transition to employment. Students will explore various careers and opportunities. Vocational prospects will be analyzed, including a job description, related tasks, skills needed, and educational requirements. A career plan will be developed based on the student's interests and abilities.

CONNECTIONS (Y000) Grade 12 semester ½ credit

Students will explore job opportunities and enhance their awareness of the necessary life skills needed to become productive members of society. Active job searches, resume writing and interview techniques will prepare the special education students for transition. Job preparation and success will be addressed. Students will visit the One Stop Career Center and become familiar with the program. VESID interviews and an IEP will be incorporated into the class.

CAREER and TECHNICAL EDUCATION PROGRAM

BOCES (Board of Cooperative Services)

Bellport High School 11th and 12th grade students may take part in occupational and technical education programs at any one of three different BOCES centers: Miliken Technical Center in Oakdale, Brookhaven Technical Center in Bellport, or Suffolk Aviation Academy in Shirley.

BOCES courses are offered in a wide variety of career areas and provide training suitable for Local, Regents and Advanced Regents students. Some programs allow the student to earn professional certificates which will provide expanded job opportunities following graduation. Other programs provide opportunity to earn credits applicable to degree programs at certain colleges and universities. All students completing a BOCES course of study are offered free job placement assistance through the technical center.

Four credits will be earned upon the successful completion of each year of BOCES attended. Students who take a BOCES program must take a ½ day program at the high school. Students interested in these courses should consult their counselor to be sure all requirements are being met toward graduation. Completion of BOCES courses is contingent upon maintaining the requirements for Grade Point Average (2.0) and for attendance according to Bellport High School Attendance Policy (#7110 Board of Education Handbook).

Milliken Technical Center	Brookhaven Technical Center
Auto Technology Audio Production Medical Assisting Motorcycle/Marine Technology Welding Auto/Brakes Auto/Engines/Transmissions Auto body Repair Computer Service Technician Auto After Market Installation Barbering Certified Personnel Trainer Computer Networking Paralegal Studies Heating, Ventilation & Air Conditioning Law Enforcement	Culinary Arts Nurse Assisting Dental Assisting Professional Photography Television, Video & Digital Film Production Early Childhood Education Art Design & Visual Communication Technical Theater Cosmetology Trade Electricity Drafting Practical Nursing Plumbing & Heating Carpentry Animal Science Fashion Merchandising Pharmacy Technician Home Theater/Security Installation Fire Science/EMT

Transportation: All students must travel from the high school to their prospective BOCES center via the bus transportation provided. Those students in the A.M. session will be bussed to the center approximately 7:20 a.m. and return 10:20 a.m. Students ARE NOT permitted to drive cars to the centers without special permission from parents, our high school, and the BOCES centers. Permission will only be granted for special reasons and only with prior approval.

**BELLPORT HIGH SCHOOL
COURSE SELECTION SHEET**

WORKSHEET

Last Name (Print)

First Name (Print)

Middle Initial

Home Telephone #

Guidance Counselor

	Subject	Course Name	Course Number	Credit
1	English			
2	Social Studies			
3	Mathematics			
4	Science			
5	Foreign Language			
6	Art or Music			
7	Physical Education			

Students must circle lunch unless they are enrolling in a full 8 period day.

8	Lunch (Fall)	Lunch (Spring)	Lunch Year	Lunch (Fall) R/B	Lunch (Spring) R/B
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Electives:

Code:	Course:	Credit:
Code:	Course:	Credit:
Code:	Course:	Credit:
Code:	Course:	Credit:

Program Requirements: Students should plan their programs with the intention not only of fulfilling minimum requirements, but also of taking advantage of the many elective courses offered in the various departments. Following are the minimum number of periods for which a student in each grade must be scheduled:

Grades 9, 10 & 11: 6 Instructional periods + physical education + lunch

Grade 12: 5 Instructional periods + Physical education + lunch

TOTAL CREDITS: _____

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