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Dear Student,

The goal of the faculty and administration of Westhampton Beach High School is to provide you with an education that encourages and develops social and emotional growth, critical thought, analytical problem solving, leadership and citizenship. Education is a life-long process, and we believe that in order to prepare you to meet the demands of a rapidly changing world, course offerings need to be rigorous, challenging and relevant.

The depth and breadth of our course offerings allow each student to individualize his/her academic program and chart a course for future success. Within this Course Catalog are typical flow charts, prerequisites and the required grade level of students. Please be aware, however, that we encourage students to reach their highest potential and all requests will be evaluated individually to ensure an appropriate placement. Furthermore, our Challenge by Choice initiative was designed to encourage student entry into the most rigorous courses offered. We believe this program will help better prepare our students for the challenge of college. We recommend that you take the time to carefully read the course descriptions and that you actively seek the advice and guidance of your parents, teachers, administrators and counselors. Ask questions! The full faculty is eager to help you make your course decisions.

As always, feel free to call on me if there is any assistance I can give you in enhancing your educational opportunities at Westhampton Beach High School. The best way to predict your future is to create it! Turn the page and let’s begin!

Yours truly,

Christopher Herr

Christopher Herr, Ed.D.
Principal

“Striving for Mastery: High Expectations for All”
The Westhampton Beach School District offers its students the highest quality of educational opportunities. Therefore, taking the following courses and passing the appropriate assessments can achieve the following:

<table>
<thead>
<tr>
<th>Required Core Subjects</th>
<th>Advanced Designation on Regents Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 credits</td>
</tr>
<tr>
<td>Social Studies</td>
<td>4 credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3 credits</td>
</tr>
<tr>
<td>Science</td>
<td>3 credits</td>
</tr>
<tr>
<td>World Languages</td>
<td>3 credits **</td>
</tr>
<tr>
<td>Health</td>
<td>½ credit</td>
</tr>
<tr>
<td>Art and/or Music</td>
<td>1 credit</td>
</tr>
<tr>
<td>Electives</td>
<td>1½ credit</td>
</tr>
<tr>
<td>Physical Education *</td>
<td>2 credits</td>
</tr>
<tr>
<td>Total</td>
<td>22 credits</td>
</tr>
</tbody>
</table>

* All students must take physical education for each semester they are enrolled in school.

** Students are required to have completed one credit of a world language (Spanish/French) in high school.

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Required Regents Exams (Passing Score: 65)
- English Language Arts
- Algebra I
- Geometry
- Algebra II
- Global History
- U. S. History
- Science Regents
- Science Regents
- Comprehensive Language ****

*** Students with a score of 85 or better on their Regents exam in Math/Science may earn an annotation on their diploma that denotes mastery.

**** May substitute 5 units of credit earned in Art, Music or Occupational Education. It is strongly recommended that this option only be exercised if Art, Music or Occupational Education are intended college majors.

Students who fail English or social studies must attend summer school in order to graduate with their class.
The Advanced Regents Diploma
The Advanced Regents Diploma requires students to take the most rigorous academic coursework that NY State offers. The majority of Westhampton Beach students graduate with this diploma. **We encourage all of our students to challenge themselves and strive for the Advanced Regents Diploma.**

Additional Graduation Options:

Students have the following options available in order to meet the assessment requirements leading to a Regents or Local diploma:

**Required four (4):** ELA Regents exam, 1 math Regents exam, 1 science Regents exam, 1 social studies Regents exam

**Plus any one (1) of the following assessments:**
- Additional math Regents exam; or
- Additional science Regents exam; or
- Additional social studies Regents exam; or
- A NYS approved CTE pathway assessment, following the completion of an approved CTE program

Local Diploma Options for Students with Disabilities

Low Pass Safety Net Option: 5 required Regents exams with a score of 55 or better as follows: 1 math, 1 science, 1 ELA, 1 Global History and Geography, 1 U.S. History and Government.

Compensatory Safety Net Option: if the student scores between 45-54 on one or more of the five required Regents exams, other than the ELA or mathematics exam, but compensates the low score with a score of 65 or higher on another required Regents exam.

High School Exiting Credentials for Students with Disabilities

The Career Development and Occupational Studies Commencement Credential is available to students with disabilities who complete a career plan, demonstrate attainment of the CDOS learning standards, satisfactorily complete 2 units of study in Career and Technical Education coursework and work-based learning (at least 54 hours), and have at least 1 completed employability profile. This credential may be a supplement to a regular diploma, or if the student is unable to meet diploma standards, the credential may be awarded as the student’s exiting credential.

The Skills and Achievement Commencement Credential may be awarded to students with severe disabilities that are assessed using the NYS Alternate Assessment.

**Grade Placement Minimum**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Minimum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>10th</td>
<td>5</td>
</tr>
<tr>
<td>11th</td>
<td>10</td>
</tr>
<tr>
<td>12th</td>
<td>16 ½</td>
</tr>
</tbody>
</table>

**No partial credit will be given for full-year courses**
Service Graduation Requirement

The service graduation requirement states that during their four years at Westhampton Beach High School students must serve a minimum of 40 hours of community service/service learning. This requirement is broken down so that students serve a minimum of 10 hours per year.

Students are able to fulfill their hours through numerous activities. Some opportunities have been posted on our school web site (www.wbhschools.org) while others can, and should, be based on interest and current involvement. Students doing service through their clubs and outside organizations (Boy Scouts, Girl Scouts, Special Olympics, etc.) can count those hours toward the school requirement.

Students will need a parent to sign their verification from after performing the service. The student will then need to hand the verification form in to their guidance counselor for final approval.

Three-year High School Math and Science Requirement

All students will take a minimum of three years of both math and science once they enter the high school. Algebra and Earth Science taken in middle school do not fulfill this building level requirement, however, they will be placed on the official transcript, and if successfully completed, students will receive credit for both courses.

Counseling Programs

Counselors at the high school are available for personal counseling, career and vocational guidance, academic counseling and consultation with teachers and parents regarding their students. They meet with students individually and in small groups. The counselors serve as the bridge between the classroom and all other aspects of students' lives.

A group-oriented curriculum has been developed as a means of meeting with students more often and allowing them to share questions and concerns with their counselor and each other. Students may also meet with the school social worker and are advised of the availability of private and agency counseling in the Westhampton Beach area.

Special Counseling Programs:

1. College Fair
2. Parent college workshops
3. English 12 guidance curriculum
4. College representative visits
5. New student and Freshman Orientation
6. Naviance computer program to assist with career and post-secondary planning
THE COUNSELING CURRICULUM COVERS THE FOLLOWING POINTS:

**GRADE 9**
- Freshman Parent Night
- Introduction to high school (expectations of teachers, extra help, ways to become involved)
- Discussion of counselor’s role
- Introduction to Naviance
- Graduation requirements
- Preparation for 10th grade: course selection process

**GRADE 10**
- Career awareness and exploration
- Work values & life style awareness
- Preparation for 11th grade: course selection process and the importance in relation to careers and post-secondary options
- College fairs

**GRADE 11**
- Junior College Night
- Post high school planning and preparation
- Standardized Testing
- College seeking process including: college search, resume, campus visits, interview techniques
- Graduation requirements and senior year course selection

**GRADE 12**
- Senior College Night
- English 12 guidance curriculum
- Standardized Testing
- College application process
- Review of transcripts: graduation requirements, GPA

Scheduling/Course Changes

It is critical that students and parents read and follow the following time schedule carefully. The courses to be offered during the school year are based on student selections. However, the courses in the catalog are listed on a tentative basis. Some may not be offered in a specific year because they fail to meet the minimum enrollment requirements. Students should make very careful and well thought-out decisions.

**Scheduling Calendar**

<table>
<thead>
<tr>
<th>Month</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>Scheduling orientation in all social studies classes &amp; distribution of Course Offerings Catalog</td>
</tr>
<tr>
<td>January/February</td>
<td>Counselors to meet with students in order to choose courses</td>
</tr>
<tr>
<td>February</td>
<td>Counselors to finalize course selections with students</td>
</tr>
<tr>
<td>March</td>
<td>Course selections received by parents</td>
</tr>
<tr>
<td>April/May</td>
<td>Counselor to resolve scheduling conflicts with students</td>
</tr>
<tr>
<td>June</td>
<td>Scheduling decisions are considered final at this point</td>
</tr>
</tbody>
</table>
Withdrawal from a Course

It is expected that any student enrolling in a course will remain for its duration. However, there are circumstances which may result in a student dropping a course. If a course is dropped during the first two weeks of school, no notation will appear on the student’s transcript. There is no drop/add period for second semester courses beyond the first two weeks of the school year.

Any changes that need to take place between week three and week five will require that a student utilize a drop/add form with appropriate signatures [approvals]. This form should be completed within two days and monitored by the student’s counselor. If there are extraordinary circumstances that require dropping a course after week five or week three of a half year course, a withdrawn passing (W/P) or withdrawn failing (W/F) will be noted on a student’s transcript as determined by the principal.

Advanced Placement Programs: Challenge By Choice

Westhampton Beach High School offers a number of Advanced Placement courses. Prerequisites for a student to be enrolled in Advanced Placement classes include academic performance in previous classes, teacher recommendations, counselor input, and most importantly student interest. AP Biology is the only exception. See course requirements for more information. Students enrolled in Advanced Placement (AP) courses study an enriched curriculum preparing them for higher education. Students are required to pay for and take AP exams. If payment is not received by the school after it is requested, students will be denied the AP designation on their transcript.

Grade Weighting

The grade weighting protocol recognizes that some academic programs are more rigorous and challenging than others, and therefore rewards students for taking more demanding classes.

For each Advanced Placement (AP) course a weight of .3 will be added to the overall GPA while concurrent college course a weight of .15 will be added to the student’s overall GPA. The aforementioned amounts are based on one credit courses. Half credit courses will receive .15 and .075 respectively.

Class Rank

Beginning with the class of 2019, students will not receive a class rank. However, the honor of valedictorian and salutatorian will continue to be awarded at the graduation ceremony. The determination of these awards reflect the overall GPA after the additional weights for AP and concurrent courses have been added, whereas the reported Grade Point Average (GPA) printed on the transcript is unweighted. Physical Education, Pass/Fail, and all courses earning less than .50 credit are excluded from the GPA. Senior transcripts that are forwarded to college admissions offices reflect high school courses taken through the end of the junior year, including all summer school grades.

Valedictorian/Salutatorian Determination

To validate who has earned the highest (valedictorian) and the second highest (salutatorian) ranks in a graduating class, student grades will be re-averaged at the end of the second quarter. Such determination is final and no adjustments thereafter will take place.
Transfer Students

In order to be eligible to be the Valedictorian/Salutatorian, a graduating senior must have spent four consecutive semesters at Westhampton Beach High School. A grade conversion chart will be applied to grades of students who transfer from a school that uses an alternative grading method.

College Board AP Capstone Program

AP Capstone is a diploma program being offered by the College Board. Westhampton Beach High School was one of a select group of schools invited to offer this unique program beginning in the 2016-2017 school year. The AP Capstone Program consists of AP Seminar (grade 10) and AP Research (grade 11). Students who earn AP scores of 3 or higher in AP Seminar, AP Research, and four additional AP exams will earn the AP Capstone Diploma from College Board.

Honor Roll

Names of students who have earned a **GPA of 89.5 or higher** are listed on the **Honor Roll**, while names of students who have earned a **GPA of 95 or higher** are listed on the **Principal’s Honor Roll**. Grades of **incomplete** prevent inclusion on the honor roll.

Special Education Services

The Special Education Department offers a full range of support services. It is the intent of the special education program to educate students with disabilities in as integrated a setting as possible. We offer a full range of academic programs in grades 9 through 12. These services include: special classes, integrated co-taught classes, and resource room. When appropriate, the services of a psychologist, social worker, and speech therapist are available for students.

Students are also assessed for vocational programs and can attend one of the many occupational programs offered by Eastern Suffolk BOCES.

Student Support Services

Academic Intervention Services
Alternative Education
Counseling
ENL
Extra-help classes offered after school
Instructional Support Team
Psychologist
Social Worker
Testing Center [based upon the recommendation of CSE]
Reading Program
Student tutoring from NHS
Writing Studio
ART

Studio Art 0786
Level of Student: Grades 9-12
No. of Credits: 1.0
Prerequisite: None
Studio Art is the basic foundation to all other art electives. Students will gain an understanding for the use of the elements and principles of design and develop skills that will allow them to apply these techniques in drawing, ceramics, sculpture and computer graphics. This course is designed to teach students how to appreciate styles, mediums and art history while developing skills in line drawing, value studies, color theory, shape and form.

Drawing and Painting I & II 0706, 0707
Level of Student: Grades 10-12
No. of Credits: 1/2 each
Prerequisite: Studio Art or fulfilled Fine Art requirement
Drawing and Painting I & II are advanced studio courses designed to further investigate the application of the elements and principles of design as seen in drawings, paintings, printmaking, and other two-dimensional design techniques. Students will also develop further mastery in life drawing skills.

Advanced Drawing & Painting 0766
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Drawing & Painting I/II and/or teacher approval
Advanced Drawing & Painting is designed to enrich the learning experiences for juniors who wish to take Advanced Placement Studio Art in their senior year. Students will benefit from the instruction and additional time that will make it possible to prepare the necessary amount of quality works required for the exam. Coursework will include intense drawing and painting studies created from observation, imagination and emotion. This course is considered an Advanced Placement preparation course.

Advanced Placement (AP) Drawing 0779
Level of Student: Grade 12
No. of Credits: 1.0
Prerequisite: Advanced Drawing and Painting and/or teacher approval and portfolio review
Advanced Placement Studio Art Drawing Portfolio is for the highly motivated senior. Students are required to submit works in the following sections: quality, breadth and concentration. The quality and breadth sections are a collection of works demonstrating a variety of experiences in using the formal, technical, and expressive means available to an artist. The concentration section is an in-depth, personal commitment to a particular concern. Students must demonstrate extreme self-motivation and dedication. Extra studio time is required.
Ceramics I  0756
Level of Student:  Grades 10-12
No. of Credits: 1/2
Prerequisite:  Studio Art or fulfilled Fine Art requirement
Ceramics I offers students the opportunity to develop ideas and skills in the design and construction of hand built ceramics. Students will learn coil, slab, pinch and modeling techniques. All projects will be fired and various glazing techniques will be explored.

Ceramics II  0764
Level of Student:  Grades 10-12
No. of Credits: 1/2
Prerequisite: Ceramics I
Ceramics II is a continuation of Ceramics I and works with hand building, introduction to the potter’s wheel, and advanced glazing techniques. Students will be encouraged to expand upon their previous knowledge and explore more advanced levels of working with clay. In Ceramics II, students will be encouraged to develop means of expressing their own individualized creativity.

Sculpture I & II  0771, 0772
Level of Student:  Grades 10-12
No. of Credits: 1/2 each
Prerequisite:  Studio Art or fulfilled Fine Art requirement
Sculpture I will explore the five categories in creating sculpture: carving, modeling, construction, casting and assemblage. Various mediums will be used to include plaster, wire, wood and clay. Sculpture II will incorporate techniques of Sculpture I. The emphasis will be on the creative aspects of 3D design.

Advanced Placement (AP) 2-D and 3-D Design  0732
Level of Student:  Grades 11-12
No. of Credits:  1.0
Prerequisite for 2-D:  Computer Graphics, Layout and Design and/or teacher approval and portfolio review
Advanced Placement 2-D art is for the art student who demonstrates a strong talent in the area of design on a two dimensional surface. In the Advanced Placement 2-D portfolio, the students will demonstrate their understanding of the principles of design articulated through the visual elements of line, shape, color, value, texture and space. 2-D processes and mediums that may be used include graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting and printmaking. The student will submit 5 quality pieces, 12 slides of a concentration and 12 breadth slides. This course takes considerable dedication and includes extra studio time.

Prerequisite for 3-D:  Ceramics I & II, Sculpture I & II, and/or teacher approval and portfolio review
Advanced Placement 3-D art is for the highly motivated art student who has demonstrated talent in three-dimensional arts. In the Advanced Placement 3-D Design Portfolio, the students will demonstrate their understanding of design principles as they relate to depth and space. These issues can be explored through additive, subtractive, and/or fabrication processes. Examples of approaches include: figurative or nonfigurative sculpture, architectural models, metal work, ceramics, and three-dimensional fiber arts, among others. The student will submit 38 slides over three sections, quality, breadth and concentration. Extra studio time is required.
Computer Graphics 0791
Level of Student: Grades 10-12
No. of Credits: 1/2
Prerequisite: Studio Art or fulfilled Fine Art requirement
Computer Graphics is an introductory course into the high tech world of animation, graphics, layout and advertising design. Industry standard software applications as well as conceptual communication problem solving are included in this curriculum. This class is particularly useful for the student pursuing a career in commercial art.

Layout and Design 0792
Level of Student: Grades 10-12
No. of Credits: 1/2
Prerequisite: Computer Graphics
Layout and Design is a continuation of Computer Graphics. Students will expand upon their previous knowledge of Photoshop and Illustrator and explore a more advanced level of commercial art with an introduction to Adobe InDesign. Students will focus on commercial industry standards: output, advertising, commercial product design and conceptual digital art.

Digital Photography 0773
Level of Student: Grades 10-12
No. of Credits: 1/2
Prerequisite: Computer Graphics
This course explores the fundamentals of digital photography. Students learn the techniques and applications of acquiring, manipulating and outputting digitized photographic images utilizing digital cameras and Adobe Photoshop. Students will explore lighting, color, texture, composition, and other subject matter to achieve a solid grounding in both technical and creative photographic processes. Key areas of photography covered are still life, portraiture, sport, product and expression.
Studio Art
(or fulfilled Fine Art requirement)

- Drawing & Painting I
- Computer Graphics
- Ceramics I
- Sculpture I

- Drawing & Painting II
- Layout and Design or Digital Photography
- Ceramics II
- Sculpture II

- Advanced Drawing & Painting
- Advanced Placement 2D Design
- Advanced Placement 3D Design

- Advanced Placement Drawing
BUSINESS

Career & Financial Literacy
Level of Student: Grades 9-12
No. of Credits: 1.0
Prerequisite: None
This course will provide students with the opportunity to learn about the features of our economy. Students will explore a variety of careers, gain skills and competencies needed for success in the workplace and to become financially literate. Students will be encouraged to begin or continue to develop a career plan at the commencement level, apply academic skills to solve real-world problems and become familiar with the skills needed to become successful citizens, employees, and employers. Students wishing to strengthen foundations in business/marketing/information technology for future career paths are encouraged to take this course.

Business Law
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: None
This course allows the student to gain a genuine respect for the laws that govern business transactions and learn to intelligently apply those laws as they might affect one in the business world and in personal life. This course is useful for the future business major as well as for the consumer in general. This course will explore legal issues such as marriage (family law), employment law, real estate (property law), corporate law, and contract law with the use of the internet, presentations from guest speakers, and in-class mock trials. Students may be eligible to obtain three (3) college credits from St. John’s University for the successful completion of this course.

Principles of Marketing
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: None
In addition to learning the fundamentals of marketing, this course will explore the world of digital media marketing and how it impacts our traditional marketing channels. Students will analyze how the balance of power has shifted between brands and consumers. Consumers are more active in the marketing process and in influencing how brands communicate with them than ever before. In particular, students will investigate the latest digital marketing trends, email marketing, online display marketing, blogs, brand ambassadors, social media strategies, affiliate marketing, mobile marketing trends, and develop an integrated marketing plan.
 Career Release – Cooperative Education Program 0656
Level of Student: Grade 12
No. of Credits: 1.0 (150 hours work experience = additional ½ credit, 300 hours work experience = additional 1.0 credit, 450 hours work experience = 1.5 credit and 600 hours work experience = an additional 2.0 credits maximum)
Prerequisite: None
The Cooperative Career & Technical Education Work Experience Program is a work-based learning program for high school seniors, consisting of 150 to 600 hours of paid or non-paid work experience (job or internship), supported by related in-school instruction. Students may earn up to 2 CTE credits for their work experience, dependent upon the specific number of recorded work hours. This program is registered with the New York State Education Department. Students that wish to enroll in the Cooperative Education Program must simultaneously be enrolled in a business course administered by the school’s Diversified Cooperative Education Coordinator, who oversees the program. All required paperwork for this program must be submitted to the program coordinator before the student can begin work-study.

Accounting 0616
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: None
This course is for the advanced student who would like to explore accounting careers and plans to seek further education in the field of business. This course curriculum is designed to provide students a strong foundation in accounting principles. Students will learn what business transactions are and how accountants use a double-entry system (debits and credits) to keep track of these transactions. Students will learn accounting concepts, create spreadsheets using Microsoft Excel, and seek applications with the use of the computer and simulations. Students may be eligible to obtain three (3) college credits from St. John’s University for the successful completion of this course.

Business Management 0645
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: None
This course helps to prepare the student who aspires to be a leader in a world that will require skills in a multitude of environments: financial, technological, marketing, and legal. Skills acquired during this course include the ability to plan strategically, as well as to communicate with people on all levels. Students will apply their knowledge through problem solving and demonstration of complex management activities. This course includes the participation in a group business plan competition. Students may be eligible to obtain three (3) college credits from St. John’s University for the successful completion of this course.
E-Commerce 0695
Level of Student: Grades 9-12
No. of Credits: 1/2
Prerequisite: None
The Internet has revolutionized the buying and selling of goods and services in our economy. Modern electronic commerce encompasses a wide range of technologies including the world wide web, mobile devices, email, and social media. Electronic commerce is an integral component of the business world and our 21st century global economy. In this course, students will learn about the history of electronic commerce, Internet business models, electronic commerce infrastructure, social media, e-commerce marketing, designing virtual storefronts, privacy issues, payment acceptance, security safeguards, personal finance applications, legal and ethical challenges, and real-life case studies of successful e-commerce businesses and entrepreneurs. Students can build upon the fundamentals learned in this course as they continue their business education in the future with higher level high school and college business courses. In addition, this course will prepare students to be responsible Internet users in their everyday lives, as they shop online, handle their personal finances, respond to social media marketing, divulge personal information to commercial websites, or even develop their own e-commerce websites.

The Digital Generation: Creating a Professional Web Presence 6011
Level of Student: Grades 10-12
No. of Credits 1/2
Prerequisite: None
This course introduces advanced business computer applications that are essential in today’s business environment. Students will learn how to utilize the power of the internet and social media to enhance their understanding of its relationship to successful business practices. Students will explore a number of topics including building a strong web presence, leveraging social media, creating and uploading video content, exploring blended and distance learning and using mobile devices as learning tools. Students will engage in a cross-district, multi-school collaborative project focusing on the creation of a positive and sustainable web presence and digital profile. Students may be eligible to obtain three (3) college credits from SUNY Stony Brook for the successful completion of this course.

Business Applied Math 3004
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: Algebra
Business Math is a one (1) credit specialized interdisciplinary business math course. Students may take this course for a math or business elective credit. This course is designed to assist students in understanding the complex financial world they will encounter in their lives. Students will be prepared for roles as entrepreneurs, business leaders, and employees by developing skills and abilities that are part of the business environment. The content includes mathematical operations, banking and finance and financial management through simulations, Internet research, and realistic business experiences. Students may be eligible to obtain three (3) college credits from St. John’s University for the successful completion of this course.
Virtual Enterprises 0640
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: 1.0 credit in Business
Virtual Enterprises International is an in-school entrepreneurship program and global business simulation. This is a student-centered course in which the teacher serves as a facilitator as the students develop a simulated business to compete with other high schools throughout the world in the online Virtual Enterprises marketplace. The simulated business will replicate all of the functions and demands of a real business in both structure and practice, including product development, production, distribution, marketing, sales, human resources, finance, and accounting. As “employees” of the virtual business, students are accountable for their company’s management and performance. Through a web-based banking system that connects over 5,000 student-run businesses in 40 countries, VEI students experience the expectations of the global economy and find new solutions to drive business results by trading across industries, borders and cultures. Students are responsible for conducting market research, developing business plans, creating annual reports, analyzing risks and returns, paying wages and taxes, maintaining 401(k) plans, preparing professional marketing materials, and communicating with customers and investors. Students may take this course for two consecutive years, in both their junior and senior years. **Students may be eligible to obtain up to nine (9) college credits from St. John’s University for the successful completion of this VE I & VE II (6 college credits available for VE I and 3 additional college credits available for VE II).**

St. John’s University High School Program
Level of Student: Grades 11-12
St. John’s University enables qualified high school students to earn college credit for approved courses offered in their own school. Students who register with St. John’s University and successfully complete the course will be eligible to earn undergraduate college credits. Credits will be recorded on an official St. John’s University transcript and can either be used to pursue a degree at St. John’s University or a transcript can be sent to any other college the student wishes to attend. The cost of this program is $325 per 3 credit course, payable directly to St. John’s University. If a student receives free or reduced lunch, the cost may be reduced. Please see your guidance counselor for more information.
Business

Career and Financial Literacy

Work Experience Cluster
Related CTE Course with Cooperative Educational Coordinator

Business Administration Cluster
2 Units of Work Experience

Business Law
Principles of Marketing
Business Management

These two paths would fulfill a five-unit sequence.

Electives

Accounting
Business Applied Math
Digital Generation

E-Commerce
Virtual Enterprises
ENGLISH

English 9 0101
No. of Credits: 1.0
Prerequisite: None
This course will introduce students to the core reading, writing, speaking, and listening skills and habits they need to be successful throughout their high school English careers. Students will write in a variety of modes, including literary analysis, evidence-based argument, personal narrative, poetry, and expository writing. Close-reading, grammar, vocabulary and self-select reading will be emphasized throughout the year.

AP Seminar 0201
No. of Credits: 1.0
Prerequisite: English 9 and admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
This foundational course provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through a cross-curricular lens and consider multiple points of view to develop deep understanding of complex issues as they make connections between these issues and their own lives. This course is aligned with the Common Core State Standards. Successful completion of this course fulfills the English 10 requirement and qualifies students to take AP Research in grade 11. Students who earn scores of three or higher in AP Seminar, AP Research, and four additional AP courses will be awarded an AP Capstone Diploma from College Board.

College Board AP Capstone Program

AP Capstone is a diploma program being offered by the College Board. The AP Capstone Program consists of AP Seminar (grade 10) and AP Research (grade 11). Students who earn AP scores of 3 or higher in AP Seminar, AP Research, and four additional AP exams will earn the AP Capstone Diploma from College Board. The course requirements in AP Seminar and AP Research are substantial and are outlined below.
English 10 0202
No. of Credits: 1.0
Prerequisite: English 9
This course is a continuation of the skills developed in English 9. Students will utilize their reading, writing, and speaking skills to prepare for the English Language Arts Regents Exam that they will take in January of their junior year. Students will write in a variety of modes, including literary analysis, evidence-based argument, personal narrative, poetry, and expository writing. Close-reading, grammar, vocabulary and self-select reading will be emphasized throughout the year. Grammar skills and vocabulary development will be geared to the demands of college entrance testing and Advanced Placement English classes.

English 11 0103
No. of Credits: 1.0
Prerequisite: English 10
This course will build upon the skills developed in English 10. Students will utilize their reading, writing, and speaking skills to prepare for the English Language Arts Regents Exam that they will take in January. Students will write in a variety of modes, including literary analysis, evidence-based argument, personal narrative, poetry, and expository writing that will culminate in a writing portfolio. Students will also begin the college essay writing process. Close-reading and self-select reading will be emphasized throughout the year. Grammar skills and vocabulary development will be geared to the demands of college entrance testing.

Advanced Placement (AP) Language and Composition 0139
No. of Credits: 1.0
Prerequisite: English 10 and admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
This class focuses on analysis of the basic rhetorical modes, using predominantly non-fiction essays from the 18th century to the present. Intense study of English grammar and usage is included, and the major literary works from the English 11 curriculum are also covered. Students will take the AP Language exam in May, the Common Core English Regents in January.

English 12 0155
No. of Credits: 1.0
Prerequisite: English 11
This course will reinforce the core reading, writing, speaking, and listening skills and habits students need to be successful beyond their high school careers. Students will analyze text in a variety of genres including, classical plays, short stories, poetry, memoirs, novels, and films. Using a variety of resources, students will prepare a personal essay for their college applications, create an autobiographical poem, write a research paper, and deconstruct media.
Advanced Placement (AP) Literature  0105
No. of Credits: 1.0
Prerequisite: English 11 and admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
This course focuses on the critical analysis of poetry and fiction. Students will explore classic literature from the Ancient World through the Modern period in order to understand that the greatest of writers have used their imagination to shed light on our human condition: they have shown how to understand the world, and our place in the world; they have illuminated the darkest struggles, and they have given us models for what it means to live nobly. The course is designed to give a deeper appreciation for the power of language to communicate ideas and emotions, and to help students become more critical readers and more sophisticated writers.

History of Rock & Roll  0154
Level of Student: Grades 10-12
No. of Credits: 1/2
Prerequisite: None
This course traces the history of rock & roll from its roots to present day styles. Students will become familiar with landmark music and movements of the 20th century, and consider the social, political and technological influences that shaped the music. We will also explore connections between modern music and the artists from the past who have paved the way for the music of today. To complement the listening experience, we will view live performances and documentaries, examine song lyrics, and survey the lives and contributions of the great innovators and icons of rock and roll.

Broadcast Journalism  0119
Level of Student: Grades 12
No. of Credits: 1.0
Prerequisite: None
This course is an introduction to the fundamentals of video production and focuses on the skills needed to produce a television news program. Emphasis is on the function and operation of equipment to achieve basic broadcast production skills. Students in this course also contribute to production of the school television news show, The Hurricane Watch. This course is recommended for students planning to enter the fields of communications or journalism.

Journalism  0114
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: None
This course focuses on the skills needed to be a journalist. Students analyze and write various types of newspaper articles. Students will study graphic design, photography, copy-editing, news literacy, writing improvement and censorship in a workshop setting. Students in this course also contribute to production of the school newspaper, The Hurricane Eye and the school news website, www.whbnews.com.
Creative Writing 0115
Level of Student: Grades 10-12
No. of Credits: 1/2
Prerequisite: None
This class explores the craft of writing using a variety of writing exercises. Using specific models, students will study elements of good writing (establishing voice, creating setting, character, dialogue, etc.) and practice those elements in short and long pieces. Through writing fiction, personal narrative, and poetry, students will become accomplished practitioners of the writing craft.

Public Speaking 0116
Level of Student: Grades 10-12
No. of Credits: 1/2
Prerequisite: None
Since communication skills may be the most important skills students can acquire, this course is an excellent way to prepare for success in college and the workplace. By viewing and analyzing models of effective public speaking, you will learn the skills necessary to present yourself and your ideas with confidence, and you will have opportunities to practice and build these skills through a variety of public speaking presentations of your own. This course covers all aspects of effective public speaking, including development, organization, style, and delivery. You will also learn how to use technology effectively to enhance your presentations.

ENL (English as a New Language) 1500, 1507
Level of Student: Grades 9-12
No. of Credits: 1.0
Prerequisite: None
English as a Second Language is required for non-native speakers of English who have limited proficiency in the language. There are three levels: Beginning, Intermediate and Advanced. Placement is determined by a New York State standardized English language assessment test in listening, speaking, reading and writing. Small group instruction enables students to develop skills quickly so they can function independently in their academic classes.

Junior Seminar 0117
Level of Student: Grade 11
No. Of Credits: 1/2
Prerequisite: None
Junior Seminar is designed for students who want to work to improve their standardized test scores, which are an essential factor that colleges use to determine the strength of a student’s application. Students will spend much of the course completing independent, daily practice for the SAT and ACT; therefore, they should be self-motivated and focused, intent on making progress. Statistics show that putting in a concerted effort to prepare for these tests does improve results, and it can do so dramatically. Students will also have occasion to research colleges through Naviance, consider potential areas of study, and get a head start on what is required for the Common Application, including a resume and the personal essay. This course is all about creating opportunities for what comes next after high school, and students will get out of it what they put into it.
English

- English 9

- AP Seminar
  - or
  - English 10

- English 11 AP Language and Composition
  - or
  - English 11

- AP Literature
  - or
  - English 12

Electives

- History of Rock and Roll
- Public Speaking
- Journalism
- Broadcast Journalism I
- Creative Writing
- Junior Seminar
- Broadcast Journalism II
HEALTH AND PHYSICAL EDUCATION

Health 1401
Level of Student: Grades 9-12
No. of Credits: 1/2
Prerequisite: None
This course is designed to discuss important health issues that will contribute to wellness and happiness. Topics include disease prevention, alcohol and drug education, wellness, human sexuality, environmental and community health issues, safety and first aid.

CPR/First Aid 1018
Level of Student: Grades 10-12
No. of Credits: 1/2
Prerequisite: None (does not fulfill the Health requirement)
This course will offer students the opportunity to save the life of a loved one, friend or fellow citizen in our community who is in need of emergency care. Upon completion of this course, students will receive certification and become fully trained in CPR through the American Heart Association and First Aid through the American Safety and Health Institute.

Introduction to Sports Medicine 1025
Level of Student: Grades 10-12
No. of Credits: 1/2
Prerequisite: First Aid/CPR (does not fulfill the Health requirement)
This course will offer students the opportunity to evaluate, prevent and rehabilitate sports-related injuries. In addition, students will be able to identify career opportunities and understand the educational requirements and job responsibilities of health care professionals. Students can earn three undergraduate college credits through Adelphi University’s concurrent high school program by earning a grade of “C” or better. The instructor will provide more information about this option.

Physical Education 1190
Level of Student: Grades 9-12
No. of Credits: 1/2
Prerequisite: None
This course will focus on students achieving an active and healthy lifestyle and will incorporate New York State Learning Standards. Students will be engaged in team and individual sports and all other related activities.
Physical Education

Fall
- Over the Line
- Soccer
- Football
- Ultimate Frisbee
- Capture the Flag
- Capture the Football
- Capture the Dodge Ball
- Castleball

Winter
- Omnikin
- Volleyball
- Basketball
- VHL
- Yoga
- Weight Room
- Fitness Center

Spring
- Tennis
- Chicago Softball
- Outdoor Yoga
- Disc Golf
- Team Handball
MATHEMATICS

Algebra I 0314
Level of Student: Grade 9
No. of Credits: 1.0
Prerequisite: None
This course is the first of three NYS Regents math courses. Students will be expected to master algebraic techniques and vocabulary. A major component of the course is problem solving and the application of algebra in other disciplines. The Algebra Regents exam will be administered in June.

Geometry 0315
Level of Student: Grades 9-10
No. of Credits: 1.0
Prerequisite: Algebra
This course is an integrated approach to the study of geometric relationships – integrating synthetic, transformational and coordinate approaches to geometry. Students will justify, by informal proof, formal proof and problem solving, geometric relationships and geometric properties. Geometry is meant to lead students to understand that reasoning and proof are fundamental aspects of mathematics. At the conclusion of this class students will take the Geometry Regents examination. This course includes an alternating day lab period to cover Common Core Curriculum.

Algebra II 0384
Level of Student: Grades 10-11
No. of Credits: 1.0
Prerequisite: Geometry
This is the third course in the New York State Regents mathematics program. Topics include: Complex numbers, sequences and series, quadratic and radical equations, function notation and transformations, polynomial functions, logarithmic and exponential functions, unit circle trigonometry, trigonometric functions and graphs, trigonometric identities, permutations and combinations, descriptive statistics, binomial and geometric probability distributions, normal distributions, linear and non-linear regression models. Students will take the Algebra II Regents in June.

Intermediate Algebra 0379
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: Geometry with teacher recommendation
This is a course designed to prepare the student for a standard college level math requirement. It will also allow students to gain a better understanding of Algebra in order to move on to Algebra II. This will put students in position to attain an Advanced Regents Diploma. Topics include algebra, geometry, probability theory, and statistics.
Trigonometry Applications 0302
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: Intermediate Algebra
This course will focus on real-world applications of trigonometry. Content will include right triangle trig, the unit circle, graphing, identities and equations.

Probability and Statistics 3008
Level of Student: Grade 11-12
No. of credits: 1.0
Prerequisite: Geometry
This course will explore collecting, organizing, analyzing and interpreting statistical data. Students will see how statistics are used to picture, describe, and make informed decisions about real world problems.

Business Applied Math 3004
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: Algebra
Business Math is a one (1) credit specialized interdisciplinary business math course. Students may take this course for a math or business elective credit. This course is designed to assist students in understanding the complex financial world they will encounter in their lives. Students will be prepared for roles as entrepreneurs, business leaders, and employees by developing skills and abilities that are part of the business environment. The content includes mathematical operations, banking and finance and financial management through simulations, Internet research, and realistic business experiences.

Advanced Functions 0322
Level of Student: Grades 11-12
No. Of Credits: 1.0
Prerequisite: Algebra II
This course builds on the work and modeling in Algebra II in preparation for AP Calculus. Topics include: piecewise functions, nth degree polynomial equations, rational functions, exponential functions, logarithmic functions, trigonometric functions, logistic functions, optimization problems, limits, and continuity. The foundations of the derivative and the Riemann Sum and their interpretations are established at the end of the course.

Advanced Placement (AP) Calculus AB 0320
Level of Student: Grade 11-12
No. of Credits: 1.0
Prerequisite: Advanced Functions or teacher recommendation
This course is designed for a high school student to earn possible college credit through examination. Calculus focuses on the understanding of limits, derivatives and integrals, and the ability to find them. These concepts are applied to a variety of functions which include rational, trigonometric, inverse trigonometric, logarithmic, and exponential functions.
Advanced Placement (AP) Calculus BC 0378
Level of Student: Grade 12
No. of Credits: 1.0
Prerequisite: Advanced Functions or teacher recommendation
Calculus BC includes all Calculus AB topics in addition to several additional calculus topics such as parametric, polar, vector functions and their derivatives, L’Hospitals’ rule, improper integrals, polynomial approximations and series.

Advanced Placement (AP) Statistics 0349
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Algebra II
This course is designed for a high school student to earn possible college credit through examination. Statistics is the science of summarizing and drawing conclusions from the data collected by researchers. Professionals in such diverse fields as economics, engineering, sociology, education, business management, and virtually all the sciences rely on statistics to make important decisions about their work. Consequently, statistics is the math course most often required of college students.

Advanced Placement (AP) Computer Science A 0308
Level of Student: Grades 10-12
No. of credits: 1.0
Prerequisite: Java Programming or successful completion of Algebra II
This course is designed for programming in Java. Problem solving and algorithm design will be emphasized. Topics include basic computer programming concepts of input, output, conditionals, looping, functions, sorting, searching, advanced data structures and object oriented programming. The programming language used will be Java.

Mathematical Models for Decision Making (Previously called Discrete Mathematics) 3007
Level of Student: Grade 12
No. of Credits: 1.0
Prerequisite: Advanced Functions
Successful completion of this college level course results in three (3) college credits from St. John's University, which are transferable to most colleges throughout the nation. This course will explore topics such as sets, logic, number theory, sequences and series, probability, statistics, functions, conics, and matrices.

Introduction to Java Programming 0312
Level of Student: Grades 9-12
No. of Credits: 1/2
Prerequisite: None
This elective math course is designed for students considering a technical career or students who simply enjoy working with computers. Students will design and implement original programs involving business and game applications.
Fundamentals of Pre-Calculus 3009
Level of Student: 11-12
No. of Credits: 1.0
Prerequisite: Algebra II
Successful completion of this college level course results in four (4) college credits from Suffolk County Community College, which are transferable to most colleges throughout the nation. Topics studied in this course include zeros and graphs of polynomial functions, graphs and asymptotes of rational functions, exponential and logarithmic functions, introduction to trigonometry, angle measurement, right triangle trigonometry, properties and graphs of trigonometric functions.
Math

Algebra I
(Taken in 8th Grade)

Geometry

Algebra II

Advanced Functions

- AP Calc AB
- AP Calc BC
- Mathematical Models

Intermediate Algebra

- Algebra II
- Advanced Functions / Probability and Statistics / AP Calc AB / Fundamentals of Pre-Calculus

Electives

- AP Statistics
- AP Computer Science
- Business Applied Math

- Intro to Java
- Trigonometry Applications
# MUSIC

**Concert Band**

<table>
<thead>
<tr>
<th>Code</th>
<th>Level of Student</th>
<th>No. of Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0983</td>
<td>Grades 9-10</td>
<td>1.0</td>
<td>Previous band experience or the director’s approval</td>
</tr>
</tbody>
</table>

Band members have an opportunity to perform concert and chamber music from various musical periods and at varying degrees of difficulty. Band members are required to perform at concerts and music festivals. Students are required to attend one instrumental lesson per week.

**Symphonic Band**

<table>
<thead>
<tr>
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<th>Level of Student</th>
<th>No. of Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0982</td>
<td>Grades 11-12</td>
<td>1.0</td>
<td>Concert Band or the director’s approval. Additionally, 10th grade students may be considered if they scored an A+ (97) or above on a level 6 instrumental NYSSMA solo in their 9th grade year and have the director’s/coordinator’s approval</td>
</tr>
</tbody>
</table>

Band members have an opportunity to perform concert and chamber music from various musical periods and at varying degrees of difficulty. Band members are required to perform at concerts and music festivals. This is an advanced performing group that performs challenging music from the best band literature. Students are required to attend one instrumental lesson per week.

**Concert Choir**

<table>
<thead>
<tr>
<th>Code</th>
<th>Level of Student</th>
<th>No. of Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0979</td>
<td>Grades 9-10</td>
<td>1.0</td>
<td>Previous Choral experience or the director’s approval</td>
</tr>
</tbody>
</table>

Enjoy the satisfaction of participation in group choral presentations; increase your general musicianship, and appreciation for music through participation in chorus. Students are required to attend one choral lesson every other week.

**Symphonic Choir**

<table>
<thead>
<tr>
<th>Code</th>
<th>Level of Student</th>
<th>No. of Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0985</td>
<td>Grades 11-12</td>
<td>1.0</td>
<td>Concert Choir or the director’s approval</td>
</tr>
</tbody>
</table>

Enjoy the satisfaction of participation in group choral presentations; increase your general musicianship, and appreciation for music through participation in chorus. This is an advanced chorus which performs challenging music from the best choral literature. Students are required to attend one choral lesson every other week.

**Music Theory and Aural Skills**

<table>
<thead>
<tr>
<th>Code</th>
<th>Level of Student</th>
<th>No. of Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>0932</td>
<td>Grades 10-12</td>
<td>1.0</td>
<td>Student must demonstrate music literacy</td>
</tr>
</tbody>
</table>

This course is for students seeking a thorough understanding of music theory. Emphasis placed on all scales, meters, intervals, chords, and their inversion and students will be introduced to four-part writing and basic musical forms.
Advanced Placement (AP) Music Theory 0933
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Music Theory and Aural Skills I
This class will have an in-depth study of four-part writing utilizing seventh chords, secondary dominants, leading tone dominants and their resolutions. Also includes modulation, non-harmonic tones and cadences and creation of a four-part musical phrase from a given melody or bass line. Students in this class will be preparing for the AP Music Theory exam in the spring.

Theatre Arts: Acting I 0904
Level of Students: 9-12
No. of Credits: 1/2
Prerequisite: None
This course provides opportunities for students to explore theater skills and technique, heavily emphasizing the basics of acting, including characterization, intention, movement, given circumstances, and conflict. This course includes lecture, projects, scene work and improvisation. Additional studies may include technical theatre, theatre history and dramatic criticism.
SCIENCE

*NEW YORK STATE EDUCATION DEPARTMENT LABORATORY REQUIREMENT: The State Education Department requires that students complete a minimum of 1200 minutes, write satisfactory reports for each lab exercise and demonstrate lab proficiency before being permitted to sit for any Science Regents examination (Earth Science, Living Environment, Chemistry and Physics). In addition, the following Regents examination prerequisites pertain to these specific courses: Earth Science Performance Test, Living Environment NYSED required lab activities and reports completed satisfactorily.

The Physical Setting/ Earth Science 0426
Level of Student: Grade 9
No. of Credits: 1.0
Prerequisite: None
What forces produce mountains? Why is our daily weather so variable? Is climate really changing? How old is the earth and how is it related to the other planets of the solar system? The understanding of our planet is critical to our social well-being and vital to our survival. The Physical Setting/Earth Science will examine these concepts through the study of topics related to earth processes, meteorology, astronomy, energy cycles and geology. The course will emphasize laboratory observation and analysis/interpretation of data. Evaluation will include class work, homework, lab work and written reports, quizzes, and tests. A final Regents Exam will be given. The Regents Examination commences with the Performance Test. Failure to take the Performance Test will make the student ineligible for the written Regents exam.

The Living Environment/Biology 0428
Level of Student: Grades 9-10
No. of Credits: 1.0
Prerequisite: Earth Science
This broad survey course will provide a solid foundation in biological science. Topics include: biochemistry, cellular biology, plant and animal anatomy and physiology, reproduction and development, genetics, evolution and ecology. Working individually and in groups, students will be encouraged to think abstractly and analytically. Applications of concepts to real world problems will be emphasized. Good language skills and reading comprehension are expected. Evaluation will include class work, homework, laboratory work, written reports, quizzes and tests. A final Regents examination will be given.
Advanced Placement (AP) Biology 0409
Level of Student: Grade 9, 11-12
No. of Credits: 1.0
Freshman Prerequisite: Earth Science
Junior and Senior Prerequisite: Earth Science, Living Environment, Regents Chemistry
Freshman students who wish to take AP Biology require teacher and counselor recommendations and must have a minimum score of 90 on the Regents Earth Science exam and the CC Algebra exams. Additionally, a final average grade of 90 in both Earth Science and Algebra is required. This course is exempt from “Challenge by Choice” and is recommended for highly motivated and successful students. The typical profile of a 9th grade AP Biology student is one that had scored a minimum of 95 on the Regents Earth Science exam and 90 on the CC Algebra exam, along with a strong interest in science. The AP Biology curriculum is equivalent to a 2-semester introductory college biology course. AP Biology will put greater demands on the time and effort required of students than in any other prior course. Students will engage in inquiry-based learning of essential concepts to help foster the reasoning skills necessary to engage in the science practices used throughout their study of AP Biology. The course is organized around four underlying principles called the big ideas and they include: 1. The process of evolution drives the diversity and unity of life. 2. Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis. 3. Living systems store, retrieve, transmit and respond to information essential to life processes. 4. Biological systems interact, and these systems and their interactions possess complex properties. Students will be prepared for the Advanced Placement Test and the SAT II Subject test in Biology.

Physical Setting/Chemistry 0432
Level of Student: Grades 10-11
No. of Credits: 1.0
Prerequisite: Earth Science, Living Environment and Geometry
Through lecture, discussion and laboratory experiences, students are introduced to the major topics of introductory chemistry. These include: matter and energy, atomic structure, bonding, periodic table, mathematics of chemistry, kinetics and equilibrium, acid base theories, redox and electrochemistry, and organic chemistry. Students should expect a substantial math component in these studies. A final Regents exam will be given.

Advanced Placement (AP) Chemistry 0411
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Admission is dependent on previous academic achievement, teacher recommendation, counselor input and student choice
The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. This includes an emphasis on college chemistry laboratory assignments and the analytical, writing skills necessary for college level lab write-ups. Some topics covered in this course include structure and states of matter, the kinetic theory of gases, chemical equilibria, chemical kinetics, the basic concepts of thermodynamics and descriptive chemistry. The emphasis of the course is on chemical calculations and the mathematical formulation of those principles involved. A minimum of five hours per week of self-directed reading and study is expected. This course, with a strong emphasis on math, is recommended for students pursuing careers in science, medicine, and engineering. Satisfactory completion of a summer assignment is required.
Applied Chemistry 0437
Level of Student: Grades 10-11
No. of Credits: 1.0
Prerequisites: Earth Science, Living Environment and Algebra
This course will examine how chemistry touches our lives almost everywhere and every day: in medicine, our homes, the clothes we wear, the foods we eat, and our environment. Areas of study include: what is chemistry, measurement, matter, atomic structure, periodic table, formulas, bonding, acids/bases, organic chemistry, as well as the basic principles of chemistry. Mathematical principles and problem-solving skills will be applied to many of the concepts covered in the course.

Physical Setting/Physics 0438
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Regents Chemistry with a passing grade on the Chemistry Regents exam, Algebra II
Through a mix of whole group lecture and discussion and small group cooperative laboratory sessions, students are presented with the basics of mechanics, energy, wave phenomena, electricity, magnetism, and modern physics. Both classical and modern interpretations of physical processes are explained when appropriate. Evaluation includes tests, quizzes, class work, homework, and laboratory reports. Emphasis is placed on analytical solutions to problems. Students must be able to clearly describe their methodologies to solutions and justify their answers.

Advanced Placement (AP) Physics 1 0428
Level of Students: Grades 11-12
No. of Credits 1.0
Prerequisite: Chemistry and Algebra II - and admission is dependent on previous academic achievement, counselor input and student choice
AP Physics is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion), work, energy, and power; mechanical waves and sound, and introductory, simple circuits. Students will deal with these topics in a formal and highly analytical manner, therefore a significant amount of self-directed reading and study is expected. Students will complete the requirements to take the AP exam in May. This course is intended to provide deeper conceptual understanding through inquiry based learning in physics for students wishing to further their study in life sciences, pre-medicine, physics, mathematics, engineering, and various applied sciences.
Laboratory Requirement: This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

Environmental Science 0445
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Earth Science, Living Environment and Chemistry
Discover the relationship of the living and non-living portions of the biosphere. Learn about mans’ relationship with the planet and of his responsibility as conservator of the living planet. Field investigations and labs, as well as a long-term active research project, are integral parts of this course.
Advanced Placement (AP) Environmental Science 0461
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Earth Science, Living Environment, Chemistry, and Physics (or concurrent enrollment)
admission is also dependent upon previous academic achievement, teacher recommendation, counselor
input and student choice
This capstone course is equivalent to an environmental science course at the college level and is designed for
students with motivation, creativity, and excellent reading skills. The goals of this course are to provide
students with the scientific principles, concepts, and methodologies needed to understand the interrelationships
between people and their environments, to identify and analyze environmental problems both natural and
human made, to assess the risks associated with these problems, and to identify solutions for resolving or
preventing them.

Forensic Science 101 (CHE 113 Syracuse University Project Advance) 0451
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Living Environment and Regents Chemistry. Admission is dependent upon previous
academic achievement, teacher recommendation, and counselor input.
This course was developed by Syracuse University. Successful completion of the course results in four (4)
college credits from Syracuse University, which are transferable to most colleges throughout the nation. This
course is focused upon the application of scientific methods and techniques to crime and law. In this course,
scientifc methods specifically relevant to crime detection and analysis will be presented. Emphasis is placed
upon understanding the science underlying the techniques used in evaluating physical evidence. Topics included
are blood analysis, organic and inorganic evidence analysis, fingerprints, hair analysis, DNA, drug chemistry,
forensic medicine, forensic anthropology, toxicology, fiber comparisons, soil comparisons, and fire and
engineering investigations, among others.

Forensic Science 0452
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Living Environment and Chemistry
Forensic Science is the application of science to the law. This survey course will cover such topics as
fingerprints, trace evidence, body fluids, toxicology, bite marks, entomology, fiber analysis, DNA
fingerprinting, and crime scene investigation. Students will be taught how forensic science is used every day.
Case studies, lab activities, projects and papers will be required.

Marine Science 0446
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Living Environment and Chemistry
This course is designed to provide students with an understanding and appreciation for the inter-relationships
among man, marine organisms and the physical environment. Topics discussed will include: geology, ecology,
marine zones, reefs, estuaries, beaches, dunes, chemical and physical oceanography, evolution and human
influences. Students will be required to attend field trips, complete research projects, maintain a marine
aquarium, complete labs and homework assignments. Grades will be based on these requirements as well as
tests and quizzes.
Geology and Meteorology (The Science of Natural Hazards) 0453
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Living Environment and Chemistry
This course will investigate the science behind natural hazards that are concerned with those processes that have direct and often sudden impacts on human society. Specific case studies will be examined. Topics to be covered include but are not limited to: hurricanes, earthquakes, tsunamis, volcanic eruptions, floods, blizzards, dust storms, coastal erosion, wildfires, tornadoes, climate change, landslides, avalanches, emergency preparedness and management, geology of Long Island, national parks, Geographic Information System (GIS), natural resources, conservation, policy and law.

Biotechnology 0477
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisites: Living Environment/AP Biology and Regents Chemistry/AP Chemistry
This course offers students an introductory molecular medicine curriculum with emphasis on genetic testing and molecular therapies. Students will explore the causes and treatments of human disorders and diseases using modern genetic and molecular methods including targeted immunotherapy, pharmacogenomics, and gene therapy. This course will deepen a student’s understanding of biotechnology, genetics and molecular biology. Additionally, students will discuss bioethics and current topics in medical research, explore agricultural biotechnology, and will be engaged in laboratory work where they will perform experiments using modern molecular methods (including DNA extractions, PCR and DNA sequencing). Students will have the opportunity to observe Live Surgical procedures and speak with medical doctors through live video-conferencing technology.

This course is ideal for a student who wants to explore a career in a health or medical field.

Science Research Program [URP]: 0490, 0491, 0492, 0496
Level of Student: Grades 10-12
No. of Credits 1.0 (per year)
No. of Syracuse University Credits (URP 150/250) 4.0 (per year in Grades 11 and 12)
The Science Research Program is a collaboration between Syracuse University’s iLEARN Program, Project Advance and Westhampton Beach High School science department. The program involves a multi-year approach into scientific inquiry, with each year focused upon exploration of different aspects of scientific discovery. Themes progress from an in-depth examination of the scientific method, proper experimental design, the completion of a significant original research, and scientific communication in the form of a presentation and/or written manuscript. Students will select a research topic of interest which they will explore for the duration of the program through hands-on research in collaboration with a qualified mentor in their field of interest. University credit is provided for students enrolled in their junior and senior years (4 credits per year). Students should be motivated and willing to work independently.

Due to the amount of work and dedication students must put towards this course, students will be awarded a weight upon the completion of their second and third years as indicated below.
- Year one: No weight will be added to the student’s GPA.
- Year two: A weight of .15 will be added to the student’s GPA.
- Year three: A weight of .15 will be added to the student’s GPA.
Biomechanics  0478
Level of Student: Grades 11 - 12
No. of Credits: 1.0
Prerequisite: Living Environment and Chemistry
Biomechanics is the sport science field that applies the laws of mechanics and physics to human performance in order to gain a greater understanding of performance in athletic events through modeling, simulation and measurement, or just the biomechanics of everyday life. This course will investigate mechanical cause-effect relationships that determine the motions of living organisms. Biomechanics is a diverse interdisciplinary field, with branches in Anatomy, Physical Anthropology, Orthopedics, Bioengineering and Human Performance. Comparative video analysis of specific motions (example: running and throwing) will be used to investigate the physics and anatomy of an individual.
The above are the more traditional pathways in obtaining an Advanced Regents Diploma, however, other options exist. Please speak with your counselor for alternative science programs. Additionally, please see all prerequisites for courses listed. *
SOCIAL STUDIES

Global History and Geography I 0201
Level of Student: Grade 9
No. of Credits: 1.0
Prerequisite: None
This is the first year of a two-year sequence course. A New York State Regents Exam is required at the completion of the second year. The course follows a general chronological approach. Major topics examined are: Early River Civilizations, Ancient Empires, Greek and Roman Civilizations, Regional Civilization, The Rise of Europe and the First Global Age.

Advanced Placement (AP) World History Part I 0213
Level of Student: Grade 9
No. of Credits: 1.0
Prerequisite: Admission is dependent on previous academic achievement, teacher recommendation, counselor input and student choice
This course will cover the Advanced Placement World History curriculum covering the period 8000 B.C.E. to 1450 C.E. in a survey format. Students will be expected to analyze and critique specific historical events. Essay writing skills will be emphasized along with the ability to analyze and critique bias and point of view in primary document sources. This course will serve as the first year of a two-year AP World History program.

Global History and Geography II 0222
Level of Student: Grade 10
No. of Credits: 1.0
Prerequisite: Global History and Geography I
Students will continue in a chronological approach for the second year of this two-year course. Major topics examined are: The Enlightenment, Revolutions, Industrial Age, Imperialism and the events of the 20th Century. Students take the Global History Regents examination at the conclusion of this course.

Advanced Placement (AP) World History Part II 0233
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: Admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
The AP World History course introduces motivated students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which we live. The course offers a balanced global coverage. Students will trace major historical issues like gender relations, cultural and economic shifts, and imperialism over the course of the last thousand years. The course requires that students focus on broad conceptual themes. Considerable attention will be paid to developing writing and interpretive skills for test essays and for research.
United States History and Government 0203
Level of Student: Grade 11
No. of Credits: 1.0
Prerequisite: Global History and Geography II
Students study U.S. Government and how it functions along with the history of the United States chronologically from 1865 to the present; factual information is stressed along with the causes of events and outcomes in our history. Students take the American History and Government Regents examination at the conclusion of this course.

Advanced Placement (AP) United States History 0205
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
In this college-level course students study the entire scope of American history in preparation for the Advanced Placement examination. At the conclusion of this course, students take the Regents in American History and Government as well.

Advanced Placement (AP) European History 0219
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: Admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
In this college-level survey course, students study European History from the Renaissance to the fall of communism in Eastern Europe in preparation for the Advanced Placement Examination taken at the conclusion of the course. Students who have not taken the Global History Regents Exam will be required to do so.

Participation in Government 0211
Level of Student: Grade 12
No. of Credits: 1/2
Prerequisite: U.S. History and Government
This is a research based course that focuses on five central themes: Purposes and Principles of Government, Citizenship, The Constitution, the role of Mass Media and Public Policy. After thoroughly researching a contemporary American political issue and the existing public policy, students are required to complete a final paper proposing their own public policy solution to the aforementioned issue.

Economics 0212
Level of Student: Grade 12
No. of Credits: 1/2
Prerequisite: U.S. History and Government
From personal income and property taxes to automobile loans and retirement investments, students will need to apply the basic economic concepts and skills included in this course. An understanding of basic economic concepts such as supply and demand, the business cycle and economic growth will enable students to analyze local, state, national and international economic questions and issues.
Advanced Placement (AP) Macroeconomics 0228
Level of Student: Grade 12
No. of Credits: 1.0
Prerequisite: Admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
This is a college level economics course that will prepare students for the AP test in macroeconomics. This course satisfies the economics and government requirement for graduation by the State of New York. Students in the full year course will take an in depth look at the basic themes essential to all economics courses such as scarcity, opportunity costs, the structure of the U.S. economy, demand, supply and market equilibrium, the price system and market elasticity. Students interested in this course should have a strong background in mathematics.

Advanced Placement (AP) Comparative Government 0223
Level of Student: Grade 12
No. of Credits: 1.0
Prerequisite: Admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course is designed to provide the tools for mastery of the AP Exam. Six nations will be studied in depth to prepare for the exam in the Spring: Great Britain, China, Russia, Iran, Mexico, and Nigeria. Students will be expected to compare and contrast the six nations within a thematic framework. This course satisfies the government and economics requirement for graduation by the State of New York.

Advanced Placement (AP) United States Government 0266
Level of Student: Grade 12
No. of Credits: 1.0
Prerequisite: Admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments.

The 1960’s 0200
Level of Student: Grades 11-12
No. of Credits: 1/2
Prerequisite: None
A micro-history course that takes an in-depth look at the chaotic decade that changed the 20th Century. Students will be required to research, discuss, present oral reports, and debate topics such as: The Vietnam War, Anti-War Movement, Women's Movement, Civil Rights Movement, Political Elections, and Foreign Policy Crises.
Psychology 0208
Level of Student: Grades 10-12
No. of Credits: 1/2
Prerequisite: None
In this course, students will gain an understanding of the complexities of human behavior. Students will explore biological and social influences on human emotions, relationships and mental experiences. This course is an excellent preparation for college study in the social sciences.

Advanced Placement (AP) Psychology 0207
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: None
The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

Military History: The Study of The American Revolution, The Civil War and World War II 0254
Level of Student: Grades 11-12
No. of Credits: 1/2
Prerequisite: None
This course is a military, political and social examination of three of the most important events in American history. The primary goal is to examine the military history of the United States and how it influenced political and social aspects of life. Students will examine the art, music and entertainment of the period and read contemporary documents and literature of these events.

Sociology 101 0238
Level of Student: Grade 12
No. of Credits: 1/2
Prerequisite: Any college bound senior who has an average of 80 or higher
This is a college level course, which follows the curriculum developed by Syracuse University. Successful completion of the course results in three (3) college credits from Syracuse University, which are transferable to most colleges throughout the nation. This course is designed as an analytic, skills-based introduction to sociology. The emphasis is on analytic reading and conceptual analysis. The approach to sociology is to view it as an empirical social science. The readings are based on empirical research studies or are review articles of research in an area of sociological investigation. It is a writing intensive course. As the course progresses, students should obtain increasing skill in analytic reading and writing, sociological reasoning, empirical investigation, and in the ability to make empirical and conceptual generalizations about self and society in an increasingly global world. The grading criteria will conform with those established by Syracuse University. Students will be informed of that criteria during the first week of the semester. Tuition fees for three (3) credits from Syracuse University will be collected during the third week of the semester.
Advanced Placement (AP) Research 0265
Level of Student: Grade 11
No. of Credits: 1.0
Prerequisite: AP Seminar
AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year long mentored, research-based investigation to address a specific question. In this course, students further develop the skills acquired in the AP Seminar course by learning about and understanding research methods, employing ethical research practices, and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic thesis paper and presentation with an oral defense.

History of Long Island 0207
Level of Student: Grade 10-12
No. of Credits: 1/2
The story of Long Island very much mirrors the history of America. In this one semester course, students will explore the history of Long Island from the Native Americans who occupied this land to the immigrants who arrived years later. Students will learn about life in the first suburbs as well as the region’s role in the race to the moon and the defense of our country. Finally, students will connect with the natural resources that make Long Island unique and also what threatens them today.

Criminal Justice 0289
Level of Student: Grade 10-12
No. of Credits: 1/2
Criminal Justice will provide a practical understanding of the law and legal system in the United States that will be of use in everyday life. The course will improve understanding of the fundamental principles and values underlying the Constitution. Topics that will be covered include rights and responsibilities, crime, law enforcement, issues facing our legal and correctional systems, and an introduction to criminal procedure from the time of arrest through the trial process. This course will promote awareness of current issues and controversies relating to law and the legal system.
Social Studies

- AP World History Part I
  or
  Global History I

- AP World History Part II
  or
  Global History II

- AP United States History
  or
  U.S. History and Government

- AP Macroeconomics or
  AP Comparative Government or
  AP United States Government or
  Economics and Participation in Government

Electives

- Sociology 101
- Military History
- The 1960’s
- AP Research
- History of Long Island
- AP European History
- AP Psychology
- Psychology
- Criminal Justice
TECHNOLOGY

Design and Drawing for Production  1239
Level of Student:  Grades 9-12
No. of Credits:  1.0
Prerequisite:  None
Learn the basics of drafting in this one-year course. Using AUTOCAD, students discover methods to reproduce drawings and sketches. This course is a must for students pursuing careers as architects, designers, engineers and technicians. May be used by all students toward the fine arts credit requirement.

Principles of Technology  0400
Level of Student:  Grades 10-12
No. of Credits:  1/2
Prerequisite:  Grade 10 with teacher recommendation
This course is designed to explore the new and emerging technology used in the wood and metal working fields. Throughout the course students will explore the technology used in manufacturing furniture, and other wood products. They will also explore areas of welding, milling machine and lathe technologies. Students will have the opportunity to design and construct individual projects. Related job skills and employment opportunities are examined throughout the course.

Introduction to Auto Mechanics  1231
Level of Student:  Grades 10-12
No. of Credits:  1/2
Prerequisite:  None
Be an informed car owner. Gain knowledge of small engine and automobile engine tune-up and troubleshooting. Explore and develop special interests.

Introduction to Animation and Game Development  0389
Level of Students: 11-12
No. of Credits:  1.0
Prerequisite:  None
This is a college level course, which follows the curriculum developed by Syracuse University. Successful completion of the course results in three (3) college credits from Syracuse University, which are transferrable to most colleges throughout the nation. This course offers a highly visual, non-mathematical introduction to computing and computer programming. Our vehicle is the Alice development environment, which allows students without prior experience to rapidly create 3D virtual worlds like those seen in video games. Students will choose environments, populate them with features, creatures and sounds, and animate these elements in simulated three-dimensional space to tell stories, play games, give interactive instructions, etc. Students work in a small team creating virtual worlds for assignments and a final project, learning the principles of computer programming in the process. This course will aim to improve skills in exact thinking, analysis/design, and problem-solving, while providing an enjoyable path to more formal study of computing and programming. Tuition fees for three (3) credits from Syracuse University will be collected directly from Syracuse during the first semester.
Advanced Placement (AP) Computer Science Principles  
Level of Students: 9-12  
No. of Credits: 1.0  
Prerequisite: None  
What is computer science? How can computing change the world? Engage your creativity; demonstrate and build your problem solving ability and see how computer science connects to our society. This course emphasizes the content, practices, thinking and skills central to the discipline of computer science. Students will create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations while building awareness of the tremendous demand for computer specialists and for professionals in all fields who have computational skills.

Computer Science Discoveries (CS Discoveries)  
Level of Students: 9-10  
No. of Credits: 1/2  
Prerequisite: None  
CS Discoveries is an introductory computer science course for students interested in using computer science as a medium for creativity, communication, problem solving, and fun. The course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. Through the course, students will build their own websites, apps, games, and physical computing devices using code.org’s cutting-edge AppLab and GameLab, and Adafruit’s Circuit Playground.

Introduction to Engineering Design  
Level of Student: 9-10  
No. of Credits: 1.0  
Prerequisite: Algebra  
Students dig deep into the engineering design process, applying math, science and engineering to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3d modeling software, 3d printers, and a variety of machinery. Students will also learn how to document their work, and communicate their solutions to their peers. This course is part of Project Lead the Way (PLTW) pre-engineering curriculum. College credit is available to students through participating colleges.

App Development  
Level of Student: 9-10  
No. of Credits: 1.0  
Prerequisite: None  
Using Swift, Apple’s programming language for XCODE, you'll build five projects, beginning with a simple flashlight app that changes the background color of the screen and ending with a shopping app that works with network services to communicate with a web server. The culminating project for the course will be to build a fully functioning app of your own, working through design, prototyping, and development phases. Whether you’re new to coding or want to expand your skills, this course will give you the foundational skills you need to succeed in the 21st century.
Students may earn a five-credit sequence in technology by taking the following courses:

Technology

Design and Drawing for Production
1.0 credit

Principles of Technology
0.5 credit

Additional Electives
3.5 credits

Technology Electives

- Computer Science Discoveries
- Intro to Engineering Design
- Intro to Auto Mechanics
- AP Computer Science Principles
- Intro to Animation and Game Development
- App Development
WORLD LANGUAGES

French I 0501
Level of Student: Grades 9-12
No. of Credits: 1.0
Prerequisite: None
This course covers the New York State curriculum for Checkpoint A. It prepares students for the French Language Proficiency Exam.

French II 0502
Level of Student: Grades 9-12
No. of Credits: 1.0
Prerequisite: French I
This sequential language course focuses on the development of speaking, listening, reading, and writing skills. The course of study is strongly recommended for students pursuing a four-year college education.

French III 0503
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: French II
This course emphasizes vocabulary building and grammar review. Enrichment is provided in the areas of reading and listening comprehension, speaking skills and cultural knowledge. Language skills are refined and complex grammatical patterns are learned. French III prepares students for the Comprehensive Examination at the conclusion of the year. This course is required for an Advanced Designation Regents Diploma.

French IV 0504
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: French III
This course continues the study of French. Students will gain fluency and master composition through the study of French literature and culture. This course is strongly recommended for students pursuing a four-year college education.

French V 0505
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: French IV
This course continues the study of French. Students will gain fluency and master composition through the study of French literature and culture. This course is strongly recommended for students pursuing a four-year college education.
Advanced Placement (AP) French Language and Culture 0525
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
This course emphasizes the development of speaking, listening, reading and writing through an exposure to the French language by means of audio, visual, literary and cultural experiences. This course is taught entirely in French. The curriculum is on an advanced college level. This course culminates with the AP Exam in French Language and Culture.

Spanish I 0513
Level of Student: Grade 9
No. of Credits: 1.0
Prerequisite: Spanish IA (or equivalent and counselor recommendation)
This course covers the New York State curriculum for Checkpoint A.

Spanish II 0507
Level of Student: Grades 9-12
No. of Credits: 1.0
Prerequisite: Spanish I
This sequential language course focuses on the development of speaking, listening, reading, and writing skills. The course of study is strongly recommended for students pursuing a four-year college education.

Spanish III 0508
Level of Student: Grades 10-12
No. of Credits: 1.0
Prerequisite: Spanish II
This course emphasizes vocabulary and grammar review. Enrichment is provided in the areas of language skills, reading and listening comprehension, speaking skills and cultural knowledge. Language skills are refined and complex grammatical patterns are learned. This course prepares students for the Comprehensive examination at the conclusion of the year. This course is required for an Advanced Designation on a Regents Diploma.

Spanish IV 0509
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Spanish III
This course continues the study of Spanish. Students will gain fluency and master composition through the study of Hispanic literature and culture. This course is strongly recommended for students pursuing a four-year college education.

Spanish V 0514
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Spanish IV
This course further expands the study of Spanish. Emphasis is placed on speaking and listening skills. This course is strongly recommended for students pursuing a four-year college education.
Advanced Placement (AP) Spanish Language and Culture  0510
Level of Student: Grades 11-12
No. of Credits: 1.0
Prerequisite: Admission is dependent upon previous academic achievement, teacher recommendation, counselor input and student choice
This course emphasizes the mastery of speaking, reading, writing, and listening skills. This course culminates with the AP exam in Spanish language.

Spanish 2030/2040 (St. John’s University)  0572
Level of Student: Grades 11-12
Prerequisite: Admission is dependent upon previous academic achievement, teacher recommendation, counselor input, and student choice.
This is a third semester college course. Successful completion of the course results in up to six (6) college credits from St. John’s University, which are transferable to most colleges throughout the nation. This is a proficiency-based course that reviews understanding of the formal structures of language, refines previously acquired linguistic skills, and builds awareness of Spanish culture. This course goes into greater depth, often takes more time and work, and challenges students to greater accomplishments. Classes are conducted entirely in Spanish. The grading criteria will conform with that established by St. John’s University. Tuition fees will be collected during the first month of each semester.
World Languages

- Spanish I
  - Spanish II
    - Spanish III
      - Spanish IV
        - Spanish V
        - AP Spanish
        - Spanish 2030/2040
  - AP Spanish
  - French I
    - French II
      - French III
        - French IV
          - French V
          - AP French
OCCUPATIONAL TRAINING

Occupational training provides students the opportunity to learn specific entry-level skills for direct employment after graduation from high school. Instruction is provided for our students at four centers in Eastern Suffolk BOCES. Four credits are awarded for the completion of each year in a half-day BOCES program. Transportation to and from school is provided. Students enrolled in a BOCES program may participate in after-school activities.

Students generally attend BOCES programs during their junior and senior years. Orientation to the program is provided in grade ten. All applicants for this program visit the center prior to attendance.

The Practical Nursing program begins in the senior year. The final year is completed as a post-graduate student at the expense of the student.

Students who plan to complete a sequence in an occupational course of study must complete Introduction to Occupations I and pass the Proficiency Examination in that subject. Listed below are the courses offered at BOCES sites*:

<table>
<thead>
<tr>
<th>Brookhaven Tech</th>
<th>Ward Tech</th>
<th>Suffolk Aviation Academy</th>
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<tbody>
<tr>
<td>(Bellport)</td>
<td>(Riverhead)</td>
<td>(Shirley)</td>
</tr>
<tr>
<td>Art Design &amp; Visual Communications</td>
<td>Audio Production</td>
<td>Aviation/Airframe Mechanics</td>
</tr>
<tr>
<td>Animal Science</td>
<td>Auto Accessory Installation</td>
<td>Aviation/Prof. Pilot Training</td>
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<tr>
<td>Carpentry/Res. Const.</td>
<td>Auto Body Repair &amp; Refinishing</td>
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<tr>
<td>Cosmetology</td>
<td>Automotive Technology</td>
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<tr>
<td>Dental Assisting</td>
<td>Computer Technology</td>
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<td>Early Childhood Education</td>
<td>Cosmetology</td>
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<tr>
<td>Fashion Design</td>
<td>Early Childhood Education</td>
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<tr>
<td>Nurse Assisting</td>
<td>Law Enforcement</td>
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<tr>
<td>Pharmacy Technician</td>
<td>Marine &amp; Outdoor</td>
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<tr>
<td>Plumbing &amp; Heating</td>
<td>Power Equipment</td>
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<tr>
<td>Practical Nursing</td>
<td>Nurse Assisting</td>
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<tr>
<td>Professional Photography/Digital Photog.</td>
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<tr>
<td>Technical Theatre &amp; the Performing Arts</td>
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<tr>
<td>Television, Video &amp; Digital Film Prod.</td>
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Students attending BOCES must have completed the following: one math course, one science course and two social studies courses.

*Courses and sites are determined by Eastern Suffolk BOCES and are subject to change.
BOCES Eligibility Policy

**Students wishing to attend BOCES Occupational Training Programs must meet the following criteria:**

- Only Juniors and Seniors can attend BOCES.
- Students must complete a BOCES application.
- Students must have no more than 18 absences from school during their sophomore year. Any Sophomore wishing to apply that has 5 – 18 absences will be under review for the remainder of the year.
  - If absences exceed 18, the student is ineligible to apply.
- Once enrolled in a BOCES program, students must maintain good attendance.
- Any student that has more than 18 absences will no longer be eligible to attend BOCES and will be denied credit.
- Application deadline: March 30th

**Academic Intervention Services**

The New York State Education Department mandates that schools provide Academic Intervention Services (A.I.S.) to students in jeopardy of not meeting Regents/Graduation requirements [Commissioner’s Regulations, Section 100.2 (ee)].

Academic Intervention Services are designed for students who are not making adequate progress towards meeting state mandates. The objective of these services is to provide the additional instructional and support services necessary to ensure success in fulfilling all graduation requirements. Furthermore, students identified through the use of performance indicators and teacher input may be placed in an A.I.S. class. The principal will approve all A.I.S. placements.
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Assistant Principal

Ms. Kerri Pillittier
Assistant Principal