
DEER PARK HIGH SCHOOL

COURSE CATALOG

2009-2010



DEER PARK HIGH SCHOOL
1 FALCON PLACE
DEER PARK, NEW YORK 11729

Principal's Message

Dear Students, Parents, and Guardians:

This course catalog is designed to provide you with information about courses and their availability, recommended sequences, and graduation requirements. As you will read, there is a wide selection of rigorous courses to consider. You must plan carefully to meet your individual needs. Taking the required courses and electives in varied academic disciplines will prepare you to graduate from Deer Park High School with a comprehensive education in preparation for your future endeavors.

You should carefully review your graduation requirements and the necessary courses and examinations for the Local, Regents and Advanced Regents Diplomas. Please see the assessment requirements in order to understand exactly what you will need in order to earn each diploma. Make sure you discuss all of your choices with your teachers and guidance counselor. Collaborating with them will ensure appropriate course selections. Remember to consider graduation requirements as well as your future aspirations.

Choose courses that will challenge you and broaden your horizons. I am confident that you will make informed and wise decisions for your 2009-2010 program.

Sincerely,

Mr. James R. Cummings
Principal

CENTRAL ADMINISTRATION

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Eva Demyen, Deputy Superintendent, Curriculum, Instruction, & Professional Development
Frank Caliguiri, Assistant Superintendent, Pupil Personnel Services
Marguerite Jimenez, Assistant Superintendent, Business & Operations

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Jeff Dailey, Director, Fine & Performing Arts
Edward Kemnitzer, Curriculum Associate, English Language Arts
Randi Medeiros, Director, Special Education
Gina Palasciano, Director, Foreign Language & ESL

General Office Phone Numbers

Attendance Office	274-4133
Main Office	274-4110
Guidance Office	274-4120
Nurse’s Office	274-4130
Anthony Amesti, Director of Athletics	274-4181
James Cummings, Principal	274-4110
Jeff Dailey, Director, Fine & Performing Arts	274-4105
Kimberly Johnston, Associate Principal	274-4110
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GUIDANCE

Upon entry into the high school, a student will be assigned to a guidance counselor who will assist him/her throughout high school. Counselors are here to answer your questions and to ease your concerns about your life and studies at Deer Park High School and to assist you in making plans for the future. The guidance counselors are a rich source of information on every aspect of career opportunities, visitations of colleges and vocational schools, admissions, news of scholarships, test dates, applications for financial aid, etc. Students and parents are encouraged to get to know their guidance counselor. The partnership you establish with your counselor will help ensure open lines of communication and success throughout high school.

HIGH SCHOOL ATTENDANCE

The Board of Education desires to work closely with parents and guardians to ensure regular attendance of all students. The school staff will discuss the importance of school attendance and offer assistance to parents and guardians of students who are excessively absent. Please consult the Deer Park High School Student Handbook to review the District Attendance Policy. The handbook will explain: procedures, class participation as it relates to the attendance policy, and disciplinary consequences. There will be an annual review of this policy to make updates and revisions, as needed.

PROGRAM LEVELS

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

HONORS (H) Honors programs are open to selected students. These courses cover the required content for the respective grades with in-depth exploration and enrichment. Students will study additional areas of personal interest or areas suggested by their teachers, evolving from expansion of the existing curricula.

ADVANCED PLACEMENT (AP) Advanced Placement courses offer students an opportunity to take a course taught on a college level. Both enrichment and college credit are available to the dedicated student. Intensive classroom work and independent study and research are an integral part of the program. The cost of taking AP Examinations is absorbed by the student. The examination is administered by the College Entrance Examination Board and a five-point college level scale is used. According to the College Entrance Examination Board publication, over 1,000 colleges and universities will grant advanced placement credit to candidates who have composite grades of 4 or 5. Students enrolled in an Advanced Placement course must sit for the A.P. exam. A.P. examinations **must** be taken to receive the weighting for student grade point average purposes and to receive A.P. credit from their college/university.

GRADING

The grade point average is the average of all final grades, including summer school, earned by a student by September of senior year. A half-year course has half the value of a one-credit course. All credit bearing courses are counted. Grades of P or F are not counted. Students who repeat a failed course have the higher grade entered once, but do not earn an additional unit of credit.

WEIGHTING

The final grade in all courses as they appear on the transcript are unweighted. At the completion of the eleventh grade year, a weighted grade point average (GPA) is determined for each student. The weighted GPA is calculated by multiplying the final grade for each course by the appropriate course credit and weighting factor and then averaging the resulting grades. The weighting system is as follows:

<u>Course Type/Level</u>	<u>Weighting</u>
Advanced Placement/College (C)	1.3
Honors Courses (H)	1.2
Regents Level Courses (R)	1.1
Non-Regents Level Courses (N)	1.0

HONOR ROLL/HIGH HONOR ROLL

SILVER HONOR ROLL - A student will be eligible for the Honor Roll if the student achieves a minimum un-weighted average of 85.

GOLD HONOR ROLL - A student will be eligible for the High Honor Roll if the student achieves a minimum un-weighted average of 95.

CLASS RANK

Class rank is a number assigned to seniors in the fall semester reflecting their academic standing in the class. This number (1 for the highest, etc.) is based on their weighted (see weighting) average of all high school credited courses taken through the summer of the junior year (**excluding** independent study and pass/fail courses). The weighted average is based upon the quality point average of the courses taken by the student. To arrive at this average, the final grade is multiplied by an arithmetic factor that is based on the academic difficulty of the course. All seniors (students with > 15 credits) who have been at DPHS **three full years** prior to the start of twelfth grade are included in the ranking.

REPEAT REGENTS EXAM GRADES

By state regulation, a student is entitled to repeat any Regents exam in order to raise his/her examination grade.

If a student retakes a Regents exam, only the higher score will be reported on the transcript. The new Regents exam grade WILL NOT affect the course grade. In order to change a failing course grade, the course, itself, must be repeated.

EARNING A DIPLOMA WITH HONORS

Students may earn a Regents Diploma with Honors or a Regents Diploma with Advanced Designation with Honors by achieving an average of 90 percent or higher in all Regents Examinations, or their equivalent, required for the Diploma. Averages below 90.0 percent shall not be rounded upward to 90 percent.

COURSE SELECTION & SCHEDULING POLICIES

Around mid-year, students complete a Course Selection Sheet to indicate their choice of courses for the next school year. Every effort will be made to acquaint students and parents with the requirements for graduation, subjects and courses offered, and special programs and assistance. During the second semester of the school year, guidance counselors will be meeting with students in small groups to review their course selections and graduation progress. Parents may contact their child's guidance counselor for scheduling concerns.

In June, students/parents will receive a letter and copy of their up-to-date course requests. This is provided as a reminder to students and parents that all changes in course requests must be made before the last day of school.

Final schedules will be mailed home in mid-to late August. While Guidance Counselors will make every effort to honor all course requests it is not always possible.

SCHEDULE CHANGE POLICY

Adding Courses

1. A student may only add a course(s) to his/her program after receiving a schedule if the course enrollment allows, and if the student is unassigned during the time the course is offered.
2. Course additions for first-semester and full-year courses can only be made during the first ten(10) school days or by permission of the appropriate teacher and building administrator.
3. Students who wish to add a course the second semester may do so after conferring with their counselor, but no later than the first five (5) school days of that semester or by permission of the appropriate teacher and building administrator.

Dropping Courses

Dropping courses will only be permitted under extraordinary circumstances after the school year has begun. Students who wish to drop a course(s) must have parental approval as well as the permission of the classroom teacher, guidance counselor, and the proper building administrator. If a student drops a class after the first quarter, the report card and transcript will show a "WF" (withdrawn fail) for the quarter and final grade.

GUIDANCE

Please be aware of the Schedule Change Policy when course selections and their alternates are made. Careful choices during the course selection process should eliminate the need for schedule changes.

Schedule changes will **NOT** be made for such reasons as:

- **Change of Teacher**
- **To arrive to school later**
- **To leave school earlier**
- **Preference to take a different course**
- **Change of lunch period**

REQUEST TO CHANGE COURSE LEVEL

After the schedule change deadline, students may request to change the level (Regents, Honors, AP) of a course, if they feel that they are inappropriately placed in a course. To change a course level, a consensus must be reached by the student, parent/ guardian, counselor, teacher, and building administrator.

In order to request a change of course level, a student must complete the following steps:

1. The student must meet with counselor to discuss his/her request.
2. The student and parent complete section I of the "Request to Change Course Level" form.
3. The student must meet with his/her teacher and department director to discuss his/her request and obtain the necessary signatures.
4. Once sections 1, 2, and 3 are completed, the student should return the "Request to Change Course Level" form to his/her guidance counselor.
5. Final approval must be received by the building principal.

ACADEMIC INTERVENTION SERVICES (AIS)

Academic Intervention Services are intended to assist students who are at risk of not achieving the State Learning Standards in English Language Arts, Mathematics, Social Studies and/or Science, or who are at risk of not gaining the knowledge and skills needed to meet or exceed designated performance levels on state assessments. Academic Intervention Services are mandated, and will be provided when students, in grades nine to twelve, score below the state designated performance level on one or more of the state intermediate assessments. No credit is granted for AIS courses.

A student may be removed from an AIS course **ONLY** if the student demonstrates adequate skills to achieve minimum standards on the required state assessments needed for graduation.

GRADE LEVEL PROMOTION

Promotion to 10th grade:

For a 9th grade student to be promoted to 10th grade the student must have earned a total of 5 credits including: 3 credits from English, Math, Science and Social Studies and a 1/2 credit in Physical Education. The student must pass at least 1 regents exam.

Promotion to 11th grade:

For a 10th grade student to be promoted to 11th grade the student must have earned a total of 11 credits including: 2 English credits, 2 Social Studies credits 1 Physical Education credit, and at least 3 credits in Math and Science. The student must pass at least 2 regents exams.

Promotion to 12th grade:

For an 11th grade student to be promoted to 12th grade the student must have earned a total of 17 credits including: 3 English, 3 Social Studies, 1 1/2 Physical Education, 5 of the 6 credits needed in Math and Science and 1 1/2 credits combined from the following group; Fine or Performing Arts, Health, and World Languages. The student must pass at least 5 regents exams.

SENIOR PRIVILEGES:

Seniors who are in good standing may enjoy the senior privileges; the ability to leave campus for lunch, parking on campus (if you are successfully in obtaining a parking pass through the school's lottery), and having up to two class periods not assigned to a class or IPP.

Senior privileges will **ONLY** be granted to seniors who are on track for graduation as per the grade level promotion outlined above.

Seniors who become ineligible at any point throughout the year for any reason **WILL LOSE THEIR SENIOR PRIVILEGES**. Seniors who are failing multiple classes may lose their senior privileges.

EARLY RELEASE

Seniors will be scheduled for no less than seven periods. **NO EXCEPTIONS**.

REQUIREMENTS TO ENROLL IN AN ENGLISH OR SOCIAL STUDIES HONORS OR AP COURSE:

Enrollees in the Honor/AP program in Social Studies or ELA are chosen based on a review of student performance in ELA and Social Studies classes in middle school as well as high school. A student must maintain a final average of 90 in both subject areas in order to be considered for enrollment in either the Social Studies or ELA honors/AP program. In addition a student's performance on New York State ELA 8 exam and Social Studies 8 exam will be taken into consideration. Permission of the departmental supervisor is required.

Students enrolled in the Honors program must maintain a minimum average of 85 in **each** marking period, have a mid-year average of at least 85 based on their averages for the first two quarters as well as the midterm examination, and have a **final average of no less than 85** at the end of the year. Students who fail to maintain these grade standards will be removed from the program at mid-year or at the end of the year.

REQUIREMENTS TO ENROLL IN A MATH OR SCIENCE HONORS OR AP COURSE:

Enrollees in the Honor/AP program in Math or Science are chosen based on a review of student performance in Math and Science classes in middle school as well as high school. A student must maintain a final average of 90 in both subject areas in order to be considered for enrollment in either the Math or Science honors/AP program. In addition a student's performance on New York State Science exam and Math exam will be taken into consideration. Permission of the departmental supervisor is required.

Students enrolled in the Honors program must maintain a minimum average of 85 in **each** quarter, have a mid-year average of at least 85 based on their averages for the first two quarters as well as the midterm examination, and have a **final average of no less than 85** at the end of the year. Students who fail to maintain these grade standards will be removed from the program at mid-year or at the end of the year.

GRADUATION CREDIT REQUIREMENTS

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

GRADUATION CREDIT REQUIREMENTS

For Students Entering 9th Grade as of September 2005 and beyond

Required Subjects	Local Diploma	Regents Diploma	Regents Diploma with Advanced Designation
English	4	4	4
Social Studies	4	4	4
Science	3*	3*	3*
Mathematics	3	3	3
Language Other Than English (LOTE)	1**	1**	3***
Health	.5	.5	.5
Art/or Music	1	1	1
Physical Education	2	2	2
Electives	3.5	3.5	1.5
Total Requirements Credits Minimum	22	22	22

* Courses must include one from the physical sciences, one from the life sciences and a third may be from either life or physical sciences.

** Students must complete two units of study of Checkpoint A in a Language Other Than English (LOTE) and earn one high school credit by the end of grade 9. One unit of credit is earned either by passing the State LOTE Proficiency Exam in Grade 8 or by passing a foreign language course in Grade 9.

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

Graduation Credit Requirements

For Students Entering 9th Grade Prior to September 2005

Please arrange to speak with your guidance counselor

Required Subjects	Local Diploma	Regents Diploma	Regents Diploma with Advanced Designation
English	4	4	4
Social Studies	4	4	4
Science	3*	3*	3*
Mathematics	3	3	3
Language Other Than English (LOTE)	1**	1**	3***
Health	.5	.5	.5
Art/or Music	1	1	1
Physical Education	2	2	2
Electives	3.5	3.5	1.5
Total Requirements Credits Minimum	22	22	22

* Courses must include one from the physical sciences, one from the life sciences and a third may be from either life or physical sciences.

** Students must complete two units of study of Checkpoint A in a Language Other Than English (LOTE) and earn one high school credit by the end of grade 9. One unit of credit is earned either by passing the State LOTE Proficiency Exam in Grade 8 or by passing a foreign language course in Grade 9.

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

REQUIRED STATE ASSESSMENTS

REQUIRED STATE ASSESSMENTS

For Students Entering 9th Grade as of September 2005 and beyond

Entering Freshmen Class	Local Diploma	Regents Diploma	Regents Diploma with Advanced Designation
2005	Score 65 or above on 2 required Regents exams and score 55 or above on 3 required Regents exams.	Score 65 or above on 5 required Regents exams	Score 65 or above on 8 required Regents exams
2006	Score 65 or above on 3 required regents exams and score 55 or above on 2 required Regents exams.	Score 65 or above on 5 required Regents exams	Score 65 or above on 8 required Regents exams
2007	Score 65 or above on 4 required Regents exams and score 55 or above on 1 required Regents exam	Score 65 or above on 5 required Regents exams	Score 65 or above on 8 required Regents exams
2008		Score 65 or above on 5 required regents exams	Score 65 or above on 9 required Regents exams
2009		Score 65 or above on 5 required regents exams	Score 65 or above on 9 required Regents exams
Required Exams	English Comprehensive Regents, Global History Regents, U.S. History Regents, Science Regents, Math A Regents or Integrated Algebra Regents	English Comprehensive Regents, Integrated Algebra Regents or Math A, Global History Regents, U.S. History Regents, Science Regents	English Comprehensive Regents, Global History Regents, U.S. History Regents, Physical Setting Science Regents, Living Environment Regents, LOTE Regents, Integrated Algebra Regents or Math A Regents, Geometry Regents or Math B Regents and Algebra II/Trigonometry Regents

Required State Assessments

For Students Entering 9th Grade prior to September 2005

Please arrange to speak with your guidance counselor

FOUR YEAR COURSE-EXAM REQUIREMENT PLAN

Courses and exams are listed in the grade level in which they are to be completed for a student to be considered on track for graduation.

COURSE	9 TH GRADE	10 TH GRADE	11 TH GRADE	12 TH GRADE
ELA	1 credit	1 credit	1 credit	1 credit
MATH	1 credit	1 credit	1 credit	
SCIENCE	1 credit	1 credit	1 credit	
SOCIAL STUDIES	1 credit	1 credit	1 credit	1 credit
WORLD LANGUAGE			1 credit	
ART/ MUSIC		1 credit		
HEALTH		½ credit		
PHYS ED.	½ credit	½ credit	½ credit	½ credit
ELECTIVE (Includes Essentials of Computer Applications)	1 credit	1 credit	1 credit	½ credit

REGENTS EXAMS

COURSE	9 TH GRADE	10 TH GRADE	11 TH GRADE	12 TH GRADE
ELA			X	
GLOBAL		X	X	
MATH	X			
SCIENCE	X			
US HISTORY			X	

TYPICAL SCHEDULES

Typical 9th Grade Schedule

Grade 9
Social Studies - Global History 9*
English 9*
Math*
Science*
Physical Education/Science Lab
World Languages*
Studio in Arts or Music**
Lunch
Elective or AIS**

*Please look at department specific flow charts as to which level course you will be enrolled in.

***Please choose an elective from the list of approved 9th grade electives

Typical 10th Grade Schedule

10 th Grade
Social Studies - Global History 10*
English 10*
Math*
Science*
Physical Education/Science Lab
World Languages*
Health
Lunch
Elective or AIS**

*Please look at department specific flow charts as to which level course you will be enrolled in.

** Please choose an elective from the list of approved 10th grade electives

TYPICAL SCHEDULES

Typical 11th Grade Schedule

11 th Grade
Social Studies – US History 11*
English 11*
Math*
Science*
Physical Education/Science Lab
Lunch
Essentials of Computer Applications
Elective or AIS**
Elective or AIS**

*Please look at department specific flow charts as to which level course you will be enrolled in.

** Please choose an elective from the list of approved 11th grade electives

Typical 12th Grade Schedule

12 th Grade
Social Studies – Eco/Gov't 12*
English 12*
Math***
Science***
Physical Education/Science Lab
Lunch
Elective or AIS**
Elective or AIS**
Elective or AIS**

*Please look at department specific flow charts as to which level course you will be enrolled in.

** Please choose an elective from the list of approved 12th grade electives

*** A fourth credit in math and a fourth credit in science are strongly recommended.

9th GRADE ELECTIVES

The following electives maybe taken by 9th grade students:

<u>Course</u>	<u>Department</u>	<u>Credit</u>
Studio in Computer Art I*	Fine Art	½
Studio in Computer Art II*	Fine Art	½
Studio in Fine Art	Fine Art	1
Studio in Drawing & Painting*	Fine Art	1
Studio in Fashion Design & Illustration*	Fine Art	1
Studio in Mural Painting*	Fine Art	1
Studio in Photography*	Fine Art	½
Advertising	Business	½
Career & Financial Management I	Business	½
Career & Financial Management II	Business	½
Fashion Marketing	Business	½
Multi-Media Business Applications	Business	½
Skills for Success I	Business	½
Skills for Success II	Business	½
Sports Management	Business	½
Sports Marketing	Business	½
Stock Market	Business	½
Advanced Keyboarding	Business	½
Career Planning	Business	½
School Store	Business	1
Child Psychology Development I	Family & Consumer Science	½
Child Psychology & Development II	Family & Consumer Science	½
Cultural Foods	Family & Consumer Science	½
Food Nutrition	Family & Consumer Science	½
Food Preparation	Family & Consumer Science	½

9th GRADE ELECTIVES

The following electives maybe taken by 9th grade students:

<u>Course</u>	<u>Department</u>	<u>Credit</u>
Food Science	Family & Consumer Science	½
Human Development	Family & Consumer Science	½
Independent Living I	Family & Consumer Science	½
Independent Living II	Family & Consumer Science	½
Interior Design	Family & Consumer Science	1
Symphonic Band**	Performing Arts	1
Chorus**	Performing Arts	1
Wind Ensemble**	Performing Arts	1
Symphony Orchestra**	Performing Arts	1
Music Production & Engineering	Performing Arts	1
Beginning Guitar	Performing Arts	1
Musical Theatre Workshop**	Performing Arts	1
Dance Studio	Performing Arts	½
Intermediate Dance	Performing Arts	½
Speech & Dramatic Arts	ELA	½
Speech & Dramatic Arts Advanced	ELA	½
STAR Program	Science	1
Electricity/Electronics I	Technology	½
Metal Processing	Technology	½
Computer Aided Design & Drawing CADD I	Technology	½
Computer Aided Design & Drawing CADD II	Technology	½
Architectural Drawing	Technology	1
Wood Production	Technology	½
Robotics	Technology	½
Computer Animation	Technology	½

* Prerequisite - Studio in Fine Art

** Prerequisite – Teacher Recommendation

Please see specific department for course descriptions and additional prerequisites where necessary.

10th GRADE ELECTIVES

10th graders are eligible for all electives offered to 9th graders as well as the following:

<u>Course</u>	<u>Department</u>	<u>Credit</u>
Cartooning I*	Fine Art	½
Cartooning II*	Fine Art	½
Fashion Portfolio*	Fine Art	1
Photography Workshop*	Fine Arts	½
Philosophy I	ELA	½
Philosophy II	ELA	½
Guitar Ensemble***	Performing Arts	1
History Through Multimedia- World	Social Studies	½
Principles of Engineering	Technology	1
Mechatronics	Technology	1

* Prerequisite Studio in Fine Arts

*** Prerequisite: Beginning guitar or audition demonstrating NYSSMA performance Level III.

Please see specific department for course descriptions and additional prerequisites where necessary.

11th GRADE ELECTIVES

11th graders are eligible for all electives offered to 9th & 10th graders as well as the following:

<u>Course</u>	<u>Department</u>	<u>Credit</u>
AP Studio In Art****	Fine Art	1
AP Art History	Fine Art	1
College E-Commerce	Business	1
College Marketing I	Business	1
College Business Computers Applications	Business	1
College Accounting	Business	1
Creative Writing	ELA	½
English SAT Preparation (11 th grade only)	ELA	½
Public Speaking	ELA	½
Journalism	ELA	½
College Writing Prep	ELA	½
Women's Studies	ELA	½
Medieval Literature	ELA	½
Literature of the Macabre	ELA	½
Introduction to Latin American Literature	ELA	½
The Science of Fiction	ELA	½
Social Issues in Literature	ELA	½
Film as Literature	ELA	½
Marine Biology	Science	1
Forensic Science	Science	½
Microbiology	Science	½
Anatomy	Science	½
College Level Oceanography	Science	½
AP Psychology	Social Studies	½
Criminal Justice	Social Studies	½
Psychology	Social Studies	½
Constitutional Law	Social Studies	½
Abnormal Psychology I	Social Studies	½
Abnormal Psychology II	Social Studies	½
Impact of Sports in History	Social Studies	½
History Through Media – US	Social Studies	½

**** Prerequisite Studio in Fine Arts and 2 additional Art credits.

Please see specific department for course descriptions and additional prerequisites where necessary.

12th Grade Electives

12th graders are eligible for all electives offered to 9th, 10th & 11th graders as well as the following:

<u>Course</u>	<u>Department</u>	<u>Credit</u>
AP European History	Social Studies	1

Please see specific department for course descriptions and additional prerequisites where necessary.

COLLEGE CREDITS THROUGH SENIOR YEAR PROGRAMS IN HIGH SCHOOL

Deer Park High School affords qualified high school seniors an opportunity to take college courses and earn college credits. Student enrolled in these courses carry dual enrollment in the college program and in our high school. All courses carry credit that may be applicable toward a degree at other colleges and universities. To be eligible for college credit, students must complete the required registration forms and pay a reduced tuition fee. The following courses are available for college credit through Deer Park High School. The number of credits available and the affiliated college are also listed. Please see the corresponding course description for details. There will be a cost per credit for each of these college courses.

COURSES	CREDITS AVAILABLE	COLLEGE AFFILIATION
College French	3 per semester - 6 Total	St. Johns University
College Italian	3 per semester - 6 Total	St. Johns University
College Spanish	3 per semester - 6 Total	St. Johns University
College Algebra	4 Credit Course	Suffolk CC
College Pre-Calculus 11H	4 Credit Course	Suffolk CC
College AP Calculus AB	4 Credit Course	Farmingdale State
College AP Calculus BC	8 Credit Course	Farmingdale State
College Accounting	3 Credit Course	Farmingdale State
College Business Law I	3 Credit Course	Farmingdale State
College Business Law II	3 Credit Course	Farmingdale State
College Marketing I	3 Credit Course	Farmingdale State
College Marketing II	3 Credit Course	Farmingdale State
College Website Design	3 Credit Course	Farmingdale State
College Business Applications	3 Credit Course	Farmingdale State
College E-commerce	3 per semester - 6 Total	Farmingdale State
College Software Applications	3 Credit Course	Briarcliffe College
Advanced Dramatic Arts	3 Credit Course	Five Towns College
Modern Dance (Off site)	2 Credit Course	Five Towns College
Stage Movement (Offs ite)	2 Credit Course	Five Towns College
College Level Oceanography	3 Credit Course	SUNY Stony Brook

**DEER PARK COLLEGIATE INSTITUTE
AT
SUFFOLK COUNTY COMMUNITY COLLEGE**

Since 2005, Deer Park High School has been sending some of our stronger students to nearby Grant Campus of Suffolk County Community College (SCCC). They have been able to enroll in real college classes with other college students. This allows them not only to earn college credits, but also to experience being in a college classroom while receiving instruction from a regular college professor. Participation in the program enhances their academic resume and has allowed our graduates entry into some of the most selective colleges.

This year, we are enhancing this program from one day each week to a five-day program and are adding a career track for those seeking immediate employment after high school graduation. Qualified juniors and seniors are invited to take classes **five mornings per week at the college**. Students will be bused to and from campus from the high school. This program offers students the college experience in addition to the college credit. Students will take courses that are suited to their individual ability and post-high school objectives. For the college bound student, there are two options:

- * Students with at least a 90 average, who are seeking admission to the more competitive colleges, can take honors classes at the college.
- * Students with at least an 85 average, who are seeking admission to most two/four-year colleges, can take regular college classes.

Upon graduation from high school, most students from either program qualify for admission directly into the SCCC Honors Program. When ready for four-year college applications, graduates of the program may request that a college professor send a letter of recommendation that is sent on college letterhead. Graduates of this program have been admitted into some of the best colleges in the nation and have earned significant merit scholarships.

Students who have at least a 75 average, may be interested in one of the career programs at the college. Those offered at the Grant Campus include Manufacturing Technology and Heating Refrigeration and Air Conditioning (HVAC). These programs lead to a certificate that qualifies them for immediate employment and provides college credit that may be applied to a college degree at Suffolk or elsewhere.

The guidance department of the high school will invite eligible students and their parents to informational meetings that are held in the high school during the spring. Applicants will take the college's placement test and tour the campus as part of the acceptance and placement process. There also will be a special orientation program at the college for all admitted students and their families.

Department Objectives: Deer Park High School strives to provide an expansive array of Art course offerings. High school students have the opportunity to take advanced studies in the fine arts of drawing and painting, ceramics and sculpture, and fashion design, as well as technology based programs such as computer graphics, advertising and design, photography and cartooning.

Our faculty members are all professional artists with specific areas of specialization. Skills learned in the visual arts courses are applicable to hundreds of careers in our highly visual world.

To fulfill the graduation requirement of one credit of Art or Music, students may take AP Art History or Studio in Fine Art.

COURSE OFFERINGS

- STUDIO IN FINE ART
- STUDIO IN COMPUTER ART I
- STUDIO IN COMPUTER ART II
- STUDIO IN FASHION DESIGN
- STUDIO IN DRAWING & PAINTING
- STUDIO IN MURAL PAINTING
- STUDIO IN PHOTOGRAPHY
- STUDIO IN SCULPTURE & CERAMICS
- CARTOONING I
- CARTOONING II
- FASHION PORTFOLIO
- PHOTOGRAPHY WORKSHOP
- ADVANCED PLACEMENT ART STUDIO
- ADVANCED PLACEMENT ART HISTORY

0701 STUDIO IN FINE ART
(1 Year -1 Credit R) **5 per. weekly**
Offered to: Grades 9-10-11-12

Studio in Fine Art is a course in the fundamentals of the fine arts which will allow you to experience a whole world of creative self expression. A student taking Studio in Fine Art will learn about and experiment with the basic design elements such as line, shape, color, texture, and value. Students develop or sharpen their art skills while handling such media as watercolor and acrylic paint, pencil, India ink, block print ink, charcoal, pastel, and ceramics. *This full-year course is a prerequisite for all other art courses, and satisfies the one credit of Art or Music required for graduation.*

0763 STUDIO IN COMPUTER ART I
(1/2 Year -1/2 Credit R) **5 per. weekly**
Offered to: Grades 9-10-11-12

Prerequisite: Studio in Fine Art

This course introduces students to ways to use computers to create and design. The class focuses on how to use the computer and peripherals to create art and logos. This course meets in the art computer lab. Careers in graphic art are also explored. Students may take either semester independently, but it is recommended to take both semesters in sequence.

0764 STUDIO IN COMPUTER ART II
(1/2 Year -1/2 Credit R) **5 per. weekly**
Offered to: Grades 9-10-11-12

Prerequisite: Studio in Fine Art

This course continues to explore ways to use computers to create and design. This class focuses on using digital cameras and integrating fine art, computer art and digital images. This course meets in the art computer lab. Students may take either semester independently, but it is recommended to take both semesters in sequence.

0705 STUDIO IN DRAWING & PAINTING
(1 Year -1 Credit R) **5 per. weekly**
Offered to: Grades 9-10-11-12

Prerequisite: Studio in Fine Art

This is a full year course in which students learn different techniques of drawing and different styles of painting. Students work on drawings in pencil, pastels and charcoal that can be used as part of their college admission portfolios and also learn how to paint in tempera, acrylic and other media.

0726 STUDIO IN FASHION DESIGN & ILLUSTRATION

(1 Year -1 Credit R) 5 per. weekly

Prerequisite: Studio in Fine Art

Do you love watching Project Runway and reading all of the fashion magazines? Learn how to draw like a Fashion Designer and Fashion Illustrator. Students will be introduced to the exciting field of Fashion Design. The class focuses on illustrating the figure and correctly drawing and designing beautiful and creative fashions. Start building your portfolio for college and a career in the Fashion Industry with more than 750 vocational choices. Field trips to colleges, museums and design centers are an integral part of this course.

0765 STUDIO IN MURAL PAINTING

(1 Year -1 Credit R) 5 per. weekly

Offered to: Grades 9-10-11-12

Pre-requisite: Studio in Fine Art

Students will learn about the history of painting and how to design and execute large-scale works, applying composition skills and the use of light and dark to create depth. Students will then transfer their designs to designated high school walls and paint them. Students are expected to complete two large-scale murals over the course of the school year.

0712 STUDIO IN PHOTOGRAPHY

(1/2 Year - 1/2 Credit R) 5 per. weekly

Offered to: Grades 9-10-11-12

Prerequisite: Studio in Fine Art

Students will learn how to use a camera and how to develop and print black and white photographs. They will also learn about the composition of good photographs and the history of photography. Photography is an exciting course where students learn all about black and white photography. If you choose this course, get ready to learn a skill which will last you the rest of your life and bring you enormous pleasure and self satisfaction. You will learn how to shoot and create well-balanced, well-composed photographs. You will learn about photographic equipment, develop your own black and white negatives and prints, and analyze your own work as well as the work of others. During the second semester, more time is spent in the darkroom.

As your skills develop you will have the opportunity to make larger prints, to use contrast filters, and to refine your printing techniques. You will learn about portraiture, photojournalism, and produce portfolio-level matted prints. Students are responsible for the purchase of the film they use during the semester.

0713 PHOTOGRAPHY WORKSHOP

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 10-11-12

Prerequisite: Studio in Fine Art and Studio in Photography.

Advanced darkroom and camera techniques are introduced in this course. Students work independently under the direction of the teacher. Students must have their own cameras. This course may be repeated for credit

0706 STUDIO IN SCULPTURE & CERAMICS

(1 Year -1 Credit R) 5 per. weekly

Offered to: Grades 9-10-11-12

Prerequisite: Studio in Fine Art

Students in this course will explore both modern sculpture and great works of the past. Modeling in clay and wax, carving in stone, working with wire, and making constructions using foam board and wood will be explored. Ceramics will play a key role in this course, including the use of the potter's wheel.

0745 CARTOONING I

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 10-11-12

Prerequisite: Studio in Fine Art

Do you like cartoons, comic books, comic strips, or anime? Discover the way professionals do it! Learn the entire process of creating a comic, from concept to finished product. See your ideas develop from thumbnail sketches and breakdowns, to finished penciling, inking. Learn character design and development. Explore different methods of storytelling as you create your own comic book or comic strip series. We will also have drawing lessons that will cover such topics as bodies, faces, backgrounds, movement, etc. Learn how to put your book together and design covers for your creations.

0746 CARTOONING II
(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 10-11-12

Prerequisite: Cartooning I

Learn advanced storytelling techniques. Study great cartoonists from the past. Refine your cartooning skills with advanced lessons in anatomy, realistic backgrounds, etc. Experiment with coloring your creations. Design posters for your comic. Learn how to get published.

0707 FASHION PORTFOLIO

(1 Year -1 Credit R)

5 per. weekly

Offered to: Grades 10-11-12

Prerequisite: Studio in Fashion Design & Illustration

This course is designed for the serious fashion design and illustration student. All students will create and complete a professionally designed portfolio required by fashion programs at colleges, universities and the world of work. Develop your own advanced style in drawing designs. Students will learn how to design, construct, deconstruct and sew garments, hats, shoes and accessories. Create costume designs for the high school musical. Field trips to colleges, museums and design centers are an integral part of this course.

0762 ADVANCED PLACEMENT STUDIO IN ART
(1 year-1 credit C)

7.5 per weekly

Offered to: Grades 11-12

Prerequisite: Studio in Fine Art, Studio in Drawing & Painting plus one additional high school art class.

Students in this class will work in the artistic medium of their choice to prepare a portfolio to be submitted to the College Testing Service, where experts will grade it. Students planning to study art in college or applying for art scholarships should take this course.

0732 ADVANCED PLACEMENT ART HISTORY

(1 Year -1 Credit C)

7.5 per. weekly

Offered to: Grades 11-12

Recommended for: Students interested in a career in the Visual Arts. One credit of Art or Music is necessary for graduation. Students meeting this requirement may use this course for a Regents Diploma.

Prerequisite: None

Learn about the visual arts from its inception to today. Through lectures, class discussions, and museum visits, students will learn about all types of art from around the world and its place in the human experience. This course is open to all students, regardless of artistic talent, who are interested in the fine arts, history, and the humanities. It will help students who are planning on applying to a liberal arts college and will also help students prepare for the Global History and Geography Regents, if they have not already taken it. Students who take the Advanced Placement exam can earn up to six college credits.

DEPARTMENT OBJECTIVES: The world of business is waiting for you! All careers, professions, and jobs involve some area of business. The skills you learn at Deer Park High School will prepare you to enter the work force. The goals of the business department are:

1. To prepare our students to be responsible, thinking individuals who can make intelligent decisions about themselves and their careers, and who can apply the business knowledge and skills to their personal lives.
2. To provide a strong foundation in business-related courses for the college-bound students planning on majoring in business administration.
3. To give all students the opportunity to learn to use the computer for data base, spreadsheets, and word processing.

A 5-unit sequence in Career and Technical Education may be used as a substitute for the additional two units of Foreign Language needed for a Regents Diploma with Advanced Designation.

COURSE OFFERINGS

- ESSENTIALS OF COMPUTER APPLICATIONS
- ADVERTISING
- ADVANCED KEYBOARDING
- CAREER PLANNING
- CAREER & FINANCIAL MANAGEMENT I
- CAREER & FINANCIAL MANAGEMENT II
- FASHION MARKETING
- STOCK MARKET INVESTING
- MULTI MEDIA BUSINESS APPLICATIONS
- SPORTS MANAGEMENT
- SPORTS MARKETING
- COLLEGE ACCOUNTING/COMPUTERIZED
- COLLEGE BUSINESS COMPUTER APPLICATIONS (BCA)
- COLLEGE BUSINESS LAW I
- COLLEGE E-COMMERCE
- COLLEGE MARKETING I
- COLLEGE SOFTWARE APPLICATIONS
- COLLEGE WEB SITE DESIGN
- COOPERATIVE WORK EXPERIENCE
- SCHOOL STORE
- SKILLS FOR SUCCESS I
- SKILLS FOR SUCCESS II

0639 ESSENTIALS OF COMPUTER APPLICATIONS

(1 Year -1/2 Credit R) Alternating Days

Offered to: Grades 9-10-11-12

Graduation Requirement for all Students

In this course, students will work on the develop-

ment of keyboarding rules, and English language skills. Basic applications include word processing and other popular computer communications and productivity tools.

0640 ADVANCED KEYBOARDING

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 9-10-11-12

Pre-requisite: Keyboarding/Computer Applications

The primary focus of this course is to develop high-level keyboarding production skills with emphasis on word/ information processing, editing, composing, and proofreading with Microsoft Word. In addition, students will be schooled in the appropriate usage of business English. Integrated business computer applications such as spreadsheets and databases will also be incorporated.

0617 ADVERTISING

(1/2 Year -1/2 Credit R) 5 per. weekly

0615 ADVERTISING

(1 Year -1/2 Credit R) Alternating Days

Offered to: Grades 9-10-11-12

Proctor & Gamble spends more on advertising than any other large corporation in the United States – currently more than \$300 millions each year! Why? It is proven that advertising sells products! Enter the exciting worlds of magazine, radio, TV, and other forms of advertising.

Learn about the history of advertising from both a theoretical and a practical perspective. Students in this course will make use of Microsoft's PowerPoint presentation software, Print Shop Ensemble III, Hollywood High, and Studio DV movie-making software. The skills acquired in this class are what businesses need to sell their products and what you need to be a wise consumer.

0651 CAREER & FINANCIAL MANAGEMENT I

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 9-10-11-12

This course will provide students with a foundation in business systems and economics. Students will be introduced to topics such as management finance, technology integration, and human resources. Career planning and lifelong goals will be emphasized. Personal financial literacy will be stressed so that students will learn how to prepare their income taxes, learn how to budget, and understand how to manage bank and investment accounts. ***This is a required course for students graduating with an occupational or career & technical education sequence.***

0652 CAREER & FINANCIAL MANAGEMENT II
(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 9-10-11-12

This course will expand upon Career & Financial Management I. Students will learn to work in and run a business. Business planning and entrepreneurship (starting your own business) will be focused on. Investing and retirement planning will be discussed.

This course can be used for students graduating with an occupational or career & technical education sequence.

0648 CAREER PLANNING
(1/2 Year -1/2 Credit R) Alternating Days

Offered to: Grades 9-10-11-12

Pre-requisite: Keyboarding/Computer Applications
What will you do with the rest of your life? Begin to plan your career through research and exploration activities. Create a career plan to lay the foundation for sound career decision-making. Explore “who you are” and what careers are best suited for you.

Class activities include:

- Self-assessment
- Researching careers
- Identifying high school courses & college majors
- Researching Long Island corporations
- Job forecasting/hot jobs for the future

All students in this class will participate in a shadowing experience to explore careers close up in a field of your choice. Students will use the Internet and E-mentors to help learn about specific careers. Field trips to local corporations, such as Computer Associates, will supplement classroom instruction so that students will see what *the world of work* is really like!

0629 FASHION MARKETING
(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 9-10-11-12

This course is designed to introduce students to the fashion industry. Focusing on the current fashion trends, students will acquire an understanding of fashion terminology, the consumers of fashion, and the specific marketing strategies used to retail fashion in the new millennium.

0638 MULTI MEDIA BUSINESS APPLICATIONS
(1/2 Year -1/2 Credit R) 5 per. weekly

0634 MULTI MEDIA BUSINESS APPLICATIONS
(1 Year -1/2 Credit R) Alternating Days

Offered to: Grades 9-10-11-12

This course is designed to introduce students to the art of developing multimedia skills for the creation of PowerPoint presentations requiring the use of various graphics, music/sound effects, animation, hyperlinks, and video clips, ending with the production of an educational CD Rom. Students will use Studio 8 to make movies that include titles, scene transitions and effective business projects. Students will create music, narration, special effects and more, culminating in the production of a public service announcement. The multimedia hardware peripherals will include a state-of-the-art computer lab containing recordable/rewritable DVD drives, laser printers, scanners and digital video cameras!

0618 SKILLS FOR SUCCESS I
(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 9-10-11-12

Do you get test anxiety? Does time just seem to “slip through your fingers?” Are you floundering around with no clear-cut goals for your future? Is note taking a chore? If you answered “yes” to any of the above questions, this is the course for you. Your life is about to become easier! Learn the power of setting goals and positive thinking. To help you become a master student, you will learn an alphabetic note-hand, which will aid you tremendously in taking notes rapidly and accurately. Good note taking skills will enable you to succeed in college and is a skill valued highly by employers. Also, learn time management skills, test taking tips and strategies, master vocabulary and spelling “demons,” outlining and paraphrasing, study techniques and fine tune your listening skills. The more you learn, the easier your survival skills will become in high school and beyond.

0637 SKILLS FOR SUCCESS II
(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 9-10-11-12

Pre-requisite: Skills for Success I

A continuation of Course I—efficient note taking mastering alphabetic note hand will enable the students to achieve success whether in lecture courses or on the job. Self-esteem and self-confidence will be gained learning the secrets of giving speeches, preparing for debates and research techniques.

0650 SPORTS MANAGEMENT

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 9-10-11-12

Sports Management is an introductory course designed to teach high school students basic business management principles within the sports industry. Students will interactively learn historical perspectives relating to major sport leagues and teams applying classroom learning in the area of management. League, team, event, and player management principles will be discussed and applied. Guest speakers and related field trips will complement classroom instruction.

0625 SPORTS MARKETING

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 9-10-11-12

Would you like to be part of one of the most exciting and lucrative industries of the future? Would you like to join a fantasy sports team? Yes? Then this is the course for you. This course is designed for students with an interest in the sports field. Basic marketing principles will be studied and applied to this rapidly growing, dynamic industry. Topics that will be explored are: the sports industry, athletes making economic choices, professional sports trades, supply and demand, financial analysis of teams, the sports labor market, discrimination in sports, and sports promotion. Guest speakers, case studies, field trips, and on-line activities will broaden classroom learning. The students will actively use their skills to promote sporting events both on campus and within the community.

0603 STOCK MARKET

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 9-10-11-12

This course will provide students with the opportunity to learn about financial literature and facilities that are available as guides to proper selection of securities. The course is covered from the perspective of the individual investor. As such, a logical portfolio commensurates with the financial goals of the individual is stressed. Financial information available both in published and on-line format is covered. In addition, students will participate in the Newsday Stock Market Challenge, which is available during each semester.

0660 COLLEGE ACCOUNTING/ COMPUTERIZED

(1 Year - 1 Credit C)

5 per. weekly

Offered to: Grades 11-12

Accounting is the language of business and a necessary stepping-stone not only for students interested in accounting careers, but also for any career in business. Accounting stresses the principles and procedures needed to build a solid foundation in accounting fundamentals so that students will become thinkers, decision-makers, and problem-solvers, not merely recorders of information. This course will prepare students for introductory college accounting courses and can lead to entry-level positions in the fields of banking, bookkeeping, insurance and manufacturing. Simulations of the complete accounting cycle for all three types of businesses will be utilized in this course to provide "real life" applications.

Students who successfully pass Math A and the Regents exam would be eligible to take Accounting/Computerized to fulfill the third year math requirement for a Regents Diploma.

0664 COLLEGE BUSINESS COMPUTER APPLICATIONS (BCA)

(1/2 Year -1/2 Credit C)

5 per. weekly

Offered to: Grades 11-12

Pre-requisite: Keyboarding/Computer Applications

This course is designed to teach students how integrate business concept such as finance and marketing with computer applications such as Microsoft Word, Excel, and Access. Students will use Word to create Business Correspondence, newsletters, logos, etc. Excel will be used to learn how to balance a budget and a checkbook, and Access will be used to keep track of business data. BCA is especially useful for college-bound students who want to obtain marketable job skills.

0666 COLLEGE BUSINESS LAW I

(1/2 Year -1/2 Credit C)

5 per. weekly

Offered to: Grades 11-12

This course will show you how business law can help you in your personal life as well as on the job. It is especially helpful for those who plan a career in law (either law school or in the paralegal field, i.e. court reporter, legal secretary) or for those who plan to major in business administration or accounting. This course is usually expected of any business major in college.

Local attorneys visit the classroom frequently for added excitement and a visit to the courthouse is included. Credit for this course may be used to meet the 5th unit of a Social Studies sequence in certain situations.

0665 COLLEGE BUSINESS LAW II

(1/2 Year -1/2 Credit C)

5 per. weekly

Offered to: Grades 11-12

Pre-requisite: College Business Law I

This course is designed to build upon the College Business Law I course. Topics to be discussed include, but are not limited to, Fundamentals of Contracts (marriage, divorce and employment), Consumer Protection, Renting Reality, Wills, Estates and Trusts, Debtors, and Bankruptcy. Local attorneys visit the classroom, field trips are arranged and a mock trial takes place in the classroom. Students will have the opportunity to earn 3 college credits through Farmingdale State University of New York.

0661 COLLEGE E-COMMERCE

(1 Year -1 Credit C)

5 per. weekly

Offered to: Grades 11-12

Pre-requisite: Keyboarding/Computer Applications

The e-Commerce course provides students with a fun and exciting way to learn about e Commerce and its role in today's information-driven economy. Under the supervision of their instructors, students operate an online school information service using their own website and generate revenues by selling banner ads, patron messages, and by operating an online store or auction. The E-Commerce course is designed to develop the teambuilding, time-management, communication, organization, critical thinking and decision-making skills necessary for students to progress toward future success in college level programs and gainful employment in a high-tech business environment. This course will help prepare students to meet the challenge of doing business in today's technology-based environment.

This course introduces students to the exciting world of e-Commerce and provides them with the opportunity to acquire basic business, e-Commerce and general career skills through traditional learning methods and the operation of their own e-Commerce business, right from the classroom! Students become familiar with traditional business principles and learn how these principles are adapted to incorporated advances in technology and information transfer. By supplementing theory with hands-on application, students come out of the e-Commerce program with a better understanding of how business really works in an environment where efficient use of technology is critical and content is king.

0662 COLLEGE MARKETING I

(1/2 Year -1/2 Credit C)

5 per. weekly

Offered to: Grades 11-12

This course is offered at the college level and gives students an introduction to the basics of the marketing mix product, price, place, and promotion. You will learn how major companies such as Ben& Jerry's, Holiday Inn, Wal-Mart and others target their markets, and use various marketing techniques and strategies to get your dollar. Students will use the Internet to research opportunities in this dynamic field, create ads and commercials, and have the opportunity to compete in national competitions through lifesmarts.com and DECA.

0663 COLLEGE MARKETING II

(1/2Year -1/2 Credit C)

5 per. weekly

Offered to: Grades 11-12

Pre-requisite: College Marketing I or a waiver from the DECA advisor

Ever dream of owning your own business? Learn what it will take to succeed. This course will help you to understand branding strategy, credit, elements of pricing, managing the marketing mix, human resources, entrepreneurship and more!

0611 COLLEGE SOFTWARE APPLICATIONS (1 Year -1 Credit C) 5 per. weekly

Offered to: Grades 11-12

**3 College Credits from Briarcliffe College
may be earned.**

Pre-requisites: Keyboarding/Computer Applications AND Word Processing or BCA for 11th & 12th Grades only.

This advanced course for juniors and seniors prepares students to be well rounded in all aspects of computer literacy. What's the difference between a Pentium and an AMD processor? Which one should I buy? How do I scan pictures, use a digital camera, and add video clips into my document? Students will learn the answers to these questions and many more. Students work on real world projects in order to learn the advanced functions of current software applications. We may make menus for a local restaurant or bookmarks for the public library; we may prepare spreadsheets logging the finances of the school store; or we may put together a literary magazine or an English class. Using Microsoft Office (Word, Excel, Access, PowerPoint,) Corel WordPerfect Suite, Adobe products and many other programs, students will become proficient in the use of every major software application that is used in college and business. We will also use the Internet.

0655 COLLEGE WEB SITE DESIGN

(1/2 Year -1/2 Credit C) 5 per. weekly

Offered to: Grades 11-12

Pre-requisite: Keyboarding/Computer Applications, and BCA or EIPI

The goal of the course is for students to learn how to thoroughly create web sites. Students are introduced to web site design through HTML coding and through web authoring programs such as Macromedia Dreamweaver, Macromedia Flash, and Microsoft Frontpage. They will learn how to make graphics for web sites in Adobe Photoshop. Students will also be introduced to inserting JavaScript into their web sites.

0619 COOPERATIVE WORK EXPERIENCE

Earn Up To 2 Credits

Offered to: Grades 11-12

Co-requisite: Preparing for Work or Job Related Course Cooperative Work Experience provides on-the-job training for both college bound and work-bound students. This is not a class. The Co-op Program can help you to find an "on-the-books" job and earn credit for it or earn credit for a job that you already have— as long as you are enrolled in a related course. The purpose of the program is to allow you to practice in the work world the skills you have mastered in high school. This experience will give you a much greater understanding of your talents and how to develop them in college or through further on-the-job training. To enroll in the program, you should be at least 16 years of age, have your working papers, and be able to provide your own transportation to jobs in Deer Park and surrounding towns.

0628 SCHOOL STORE

Earn Up To 1 Credit

Offered to: Grades 9-10-11-12

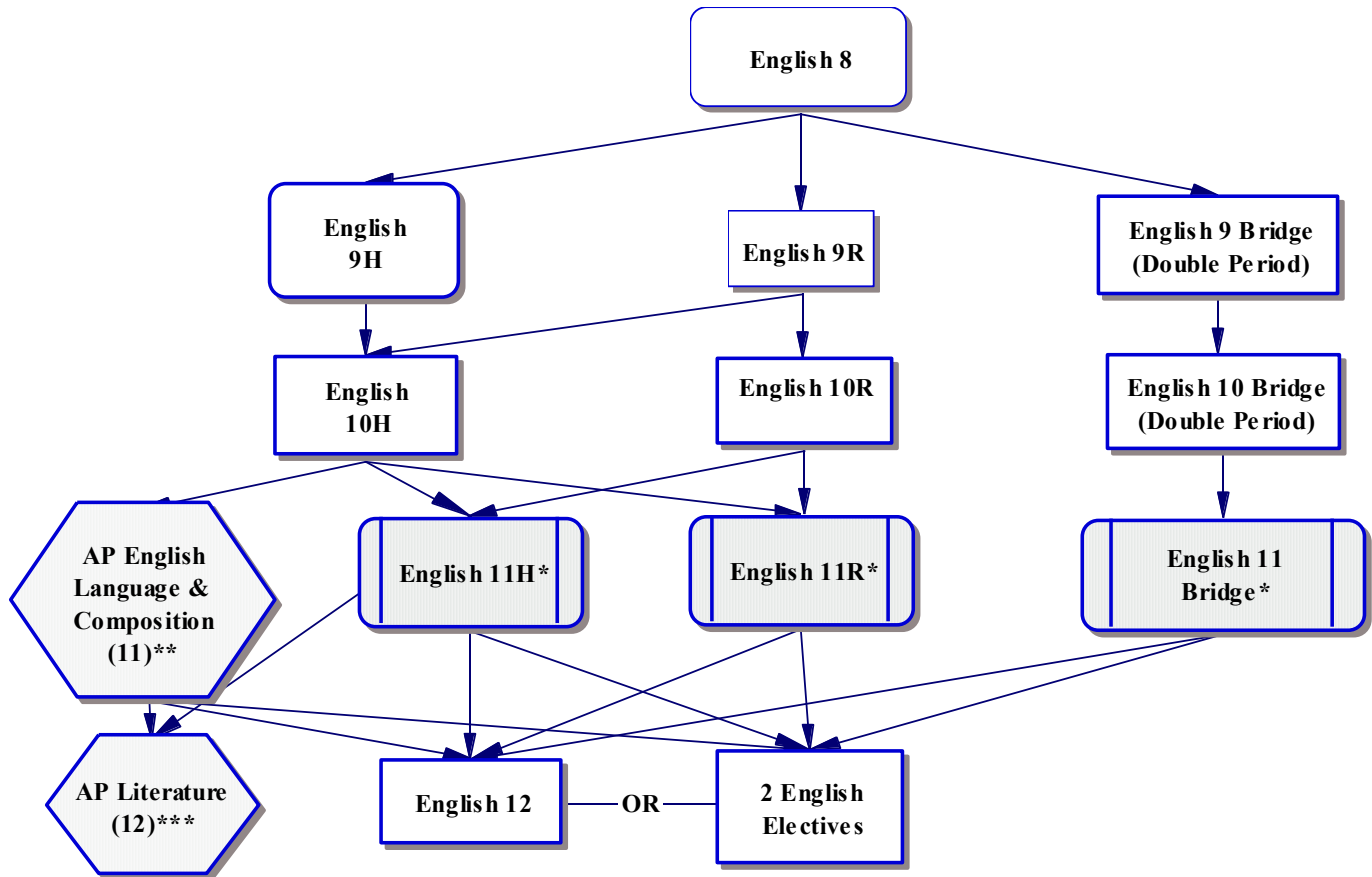
The School Store Laboratory provides an opportunity to develop specific skills in advertising, display techniques, store management, pricing, inventory control, and handling the cash register. These skills are perfected through actual on-the-job experience in the School Store Lab. The lab is designed to give students the opportunity to practice the skills needed to manage a retail establishment.

5-Unit Occupational Education Sequence

The Preparing for Work class along with the 600-hour cooperative work experience (0619) satisfies 3 Regents credits of a 5-unit occupational education sequence.

DISTRIBUTIVE EDUCATION CLUBS OF AMERICA (DECA)

See your student handbook
more information



Electives
 Please see pages 15-19 for a full list of English Electives.
 Not all courses are offered every year

Academic Support Classes
 English 9 AIS
 English 10 AIS
 English 11 AIS
 Applied English 11 or 12
 Regents Prep Course

* Course culminates with a Regents Exam
 ** Course culminates with a Regents and AP Exam
 *** Course culminates with an AP Exam

...

English Graduation Requirements
 4 Course Credits
 &
 1 Regents Exam
 ELA Regents Exam - January of 11th Grade

DEPARTMENT OBJECTIVES: The English Department offers a wide variety of courses designed not only to meet the students' needs but also to encourage them to explore their fields of interest. The program in grades nine, ten, eleven, and twelve consists of courses designed to work with students on various levels. We urge students and their parents to read course descriptions carefully, taking particular note of prerequisites and objectives.

New York State has identified four standards in English for students to achieve. Students will read, write, listen, and speak for 1) information and understanding; 2) literary response and expression; 3) critical analysis and evaluation; and 4) social interaction. Every English course offered addresses all of these standards.

NOTE: Please read the honors/AP requirements in the Guidance section of this book.

NINTH YEAR COURSES

- ENGLISH 9 REGENTS
- ENGLISH 9 HONORS
- ENGLISH 9 AIS

TENTH YEAR COURSES

- ENGLISH 10 REGENTS
- ENGLISH 10 HONORS

ELEVENTH YEAR COURSES

- ENGLISH 11 REGENTS
- ENGLISH 11 HONORS
- ADVANCED PLACEMENT
-ENGLISH LANGUAGE & COMPOSITION
- ENGLISH 11 AIS
- APPLIED ENGLISH 11

TWELFTH YEAR COURSES

- ENGLISH 12 REGENTS
- ADVANCED PLACEMENT - LITERATURE &
COMPOSITION
- ENGLISH 12 PREP
- APPLIED ENGLISH 12

0148 ENGLISH 9 REGENTS

(1 Year -1 Credit R)

5 per. weekly

Prerequisites: Successful completion of English 8.

This is the first year of a 4 year program in English Language Arts (ELA). Students will study non-fiction and literary works including *Beowulf*, *The Lord of the Flies*, and the *Canterbury Tales*. An emphasis will be placed on the development of students' reading and writing skills with an eye toward preparation for the tasks that will appear on the ELA Regents assessment, which students take in January of their junior year.

0101 ENGLISH 9 HONORS

(1 Year -1 Credit H)

5 per. weekly

This is the first year of a 4 year program in English Language Arts (ELA). Students will study philosophical, non-fiction, and literary works including *The Bhagavad- Gita*, *The Canterbury Tales*, writings of Confucius, and the works of Rousseau, Voltaire, and Locke. An emphasis will be placed on the development of students' critical analysis and writing skills with an eye toward preparation for tasks that will appear on the English Language Arts (ELA) Regents, which students will take in January of their junior year.

0133 ENGLISH 9 AIS

(1/2 Year -0 Credit G)

5 per. weekly

Students continue to develop their skills in responding to Task I, Task II, Task III, Task IV items.

0149 ENGLISH 10 REGENTS

(1 Year -1 Credit R)

5 per. weekly

Prerequisites: Successful completion of English 9.

This is a continuation of the English Language Arts (ELA) course began in Grade 9. Students will study nonfiction and literary works including *Things Fall Apart*, *Nectar in a Sieve*, and *The Count of Monte Cristo*. An emphasis will be placed on the development of students' reading and writing skills, with an eye toward preparation for the tasks that will appear on the English Language Arts (ELA) Regents, which students will take in January of their junior year.

0106 ENGLISH 10 HONORS

(1 Year -1 Credit H)

5 per. weekly

Prerequisites: Successful completion of English 9.

This is a continuation of the English Language Arts (ELA) course began in Grade 9. Students will study philosophical, non-fiction, and literary works including *The Communist Manifesto*, the *Constitution of the United States of America*, literature of Charles Dickens, the *Treaty of Versailles*, and the United Nations charter. An emphasis will be placed on the development of students' critical analysis and writing skills, with an eye toward preparation for tasks that will appear on the English Language Arts Regents, which students will take in January of their junior year.

0150 ENGLISH 11 REGENTS

(1 Year -1 Credit R)

5 per. weekly

Prerequisites: Successful completion of English 10.

This is a continuation of the English Language Arts (ELA) program. The emphasis of the course will be on the study of American literature as an expression of American culture, and how this expression has changed throughout American History to reflect changes in American values and society. Readings for the course include both literary and philosophical works; a partial list of works to read includes *Of Mice and Men*, *The Crucible*, and *Our Town*. An emphasis will be placed on the development of students' reading and writing skills, with an eye toward preparation for the tasks that will appear on the English Language Arts (ELA) Regents, which students are required to take in January.

0158 ENGLISH 11 HONORS

(1 Year -1 Credit H)

5 per. weekly

Prerequisites: Successful completion of English 10 Honors.

This course will cover the same curriculum as English 11R but with greater emphasis on the critical analysis of complicated literary works. Students read increasingly difficult literature and write with more stylistic sophistication than in English 11R.

0114 ADVANCED PLACEMENT ENGLISH LANGUAGE & COMPOSITION

(1 Year -1 Credit C)

5 per. weekly

Prerequisites: Completion of 10 Honors with a grade of 90 or better OR completion of 10 Regents with grade of 92 or better.

This college level course features advanced composition and research skills. The syllabus concentrates on English literature. Students will study a variety of prose pieces to notice variations in style and purpose, ultimately understanding both the implicit and explicit relationships among diction, syntax, tone and content. Through a variety of writing activities, they will apply such conventions and language resources to their own expository, analytical and argumentative writing. Multiple impromptu and formal essays are required. *A research paper is required. Students must take the ELA Regents and the Advanced Placement English Language and Composition Examination.*

0144 ENGLISH 11 AIS

(1/2 Year - 0 Credit G)

5 per. weekly

Students continue to develop their skills in responding to Task I, Task II, Task III and Task IV items. Emphasis will be placed on students' individual needs in preparation for the ELA Regents Examination in January.

ENGLISH LANGUAGE ARTS

0126 PUBLIC SPEAKING

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 11-12

Students who opt for this class will be exposed to many aspects of speech making, including debate, panel discussion, and oral interpretation of literature. These areas will foster a wide range of speaking experiences and will serve to improve and reinforce students' skills in reading, writing, listening and thinking, as well as oral delivery.

0141 JOURNALISM

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 11-12

Students will read a variety of newspapers to learn about the arrangement and content of newspapers and their role in society. They will be responsible also for writing every type of article found in a newspaper and for producing their own in-class publication. A small portion of the course will be devoted to television and radio news and its role in society today. *Writing for our school newspaper is a required portion of this course.*

0146 INTRODUCTION TO PHILOSOPHY

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 10-11-12

Students will be introduced to the history of thought, as well as the mechanics of deductive and inductive reasoning. An emphasis will be placed on the refinement of critical thinking skills. Readings for the course will include: *The Republic*, *Walden*, and assorted writings of Descartes, Emerson, and Nietzsche. Reaction papers and a research paper will be required.

0147 PHILOSOPHY II

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 10-11-12

Pre-requisite: Introduction to Philosophy

Philosophy II will follow the arguments of Plato and Descartes, covered in *Introduction to Philosophy*, with the idea of philosophical skepticism put forth by Hume and Kant. Using this epistemological framework, students will explore language philosophy and analytical philosophy. A number of Eastern and Western philosophical works will be incorporated into class discussion and projects. Grades will be based on written assignments and tests, as well as group work.

0190 COLLEGE WRITING PREP

(1/2 Year -1/2 Credit C)

5 per. weekly

Offered to: Grades 11-12

This course concentrates on improving writing skills and preparing students for the increased expectations of college writing. We will focus on several different types of college writing including responses to literature, research papers and public presentations.

0153 WOMENS' STUDIES

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 11-12

This course is designed to explore women's voices in literature, film, the media, and society. We will examine many issues women have faced since the beginning of time through present day. We will study the women warriors who broke barriers, challenged societal rules, and paved the way for women's freedoms today.

0151 MEDIEVAL LITERATURE

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 11-12

This course will examine medieval Literature as an expression of the cultural values, as well as the political and social climate, of Western and Northern Europe during the period AD 1200-1400. Readings for the course include: *Le Morte D'Arthur*, *The Canterbury Tales*, *Sir Gawain and the Green Knight*, and Dante's *Inferno*. Emphasis will be placed on the close reading and analysis of the text. Students will be assessed through papers and tests.

0155 LITERATURE OF THE MACABRE

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 11-12

Literature of the Macabre is a genre which represents the "other" and stands between the known and the unknown, the real and the fantastic, and the conscious and the unconscious. The way in which different cultures perceive and organize the world can be evident through deep analysis of their literature. The fear of the "other" or unknown can both shape and disrupt cultural beliefs and assumptions regarding the world. This course will examine the subversive forces of the grotesque, the macabre, and the fantastic in the context of encounters, conflicts, and tensions between a particular culture and its "other". The "other" or unknown, how characters respond to the "other" or unknown, the fear of death, and even the thrill of differences found in daily life can disrupt cultural systems and result in amazing literature.

ENGLISH LANGUAGE ARTS

9918 APPLIED ENGLISH 11

(1/2 Year -1/2 Credit N)

5 per. weekly

Second semester junior year course mandated for all students in grade who failed the English Language Arts Regents Exam in January.

0116 ENGLISH 12R

(1 Year -1 Credit R)

5 per. weekly

This course includes a survey of classic literature and a study of contemporary British and American authors. It is designed to develop a critical approach to reading by furnishing seniors with knowledge of the language of literary criticism. English 12 will promote competence in composition and speech so that students are adequately primed for life situations. **Seniors who have not yet passed the ELA Regents exam with a grade of at least 65 must enroll in this course.**

0113 ADVANCED PLACEMENT LITERATURE

(1 Year -1 Credit C)

5 per. weekly

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. It is important to distinguish among the different kinds of writing produced in an AP English Literature and Composition course. Any college-level course in which serious literature is read and studied should include numerous opportunities for students to write. Some of this writing should be informal and exploratory, allowing students to discover what they think in the process of writing about their reading. Some of the course writing should involve research, perhaps negotiating differing critical perspectives. Much writing should involve extended discourse in which students can develop an argument or present an analysis at length. In addition, some writing assignments should encourage students to write effectively under the time constraints they encounter on essay examinations in college courses in many disciplines, including English.

9908 APPLIED ENGLISH 12

(1/2 Year -1/2 Credit N)

5 per. weekly

This course is designed specifically for graduating seniors who have yet to take or pass the ELA Regents with the required minimal passing score of 65. Students in this class receive a high level of personalized attention to the specific skills that they need to develop in order to pass this exam.

ELECTIVE COURSES

Seniors may choose to take 2 electives in place of English 12R, provided they have passed the ELA Regents exam with a grade of 65 or greater.

0154 SPEECH AND DRAMATIC ARTS

INTRODUCTION

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 11-12

This course presents an introduction to the art of speaking and dramatization. The basics of mime, diction, and acting will be covered. Students will be active in classroom projects in each of these areas; written reviews of two stage productions will also be required.

0119 COLLEGE DRAMATIC ARTS ADVANCED

(1/2 Year -1/2 Credit C)

5 per. weekly

Offered to: Grades 11-12

Pre-requisite: Speech and Dramatic Arts Introduction

This course will be open to students who wish to continue their study of speaking and participating in drama projects. Emphasis will be placed on reviewing and building the skills of character creation, diction, acting, and speaking. Students will learn and practice acting exercises and speaking techniques, and will be required to show their knowledge by preparing and presenting speeches, dramatic readings, and scenes.

0120 CREATIVE WRITING

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to: Grades 11-12

This course is for those who wish to weave words cleverly into short stories, sketches, poetry, skits and essays. By producing their own works and examining the literary works of other authors, students will be encouraged to delve deeply into themselves and the world around them for original insights. Both literature and writing will be blended. The focus will be extensive self-expression.

0117 INTRODUCTION TO LATIN AMERICAN LITERATURE

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 11-12

This course will explore the ancient legends, contemporary concerns, and ornate style of Latin American culture, authors, and literature. Students will be responsible for understanding the origins, purpose, and effects of oral tradition, collective voice, magical realism, and allegory.

Students will read and interpret poetry, short fiction, essays, and novels by (but not limited to) Gabriel Garcia Marquez, Alberto Rios, Isabel Allende, Julia Alvarez, Pablo Neruda, and Jorge Luis Borges.

0115 THE SCIENCE OF FICTION

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 11-12

Series from *Harry Potter* to *Star Trek* as well as classics such as *20,000 Leagues Under the Sea* by Jules Verne will be explored and the science behind the fiction will be discussed, debunked and determined whether some of the inventions, scenarios and other science could be possible now or in the future.

0124 ENGLISH SAT PREPARATION

(1 Year -1/2 Credit R) Alternating Days

Offered to: Grade 11 only

This course is geared to preparing eleventh-year students for the SAT examination. Students will be trained for successful mastery in word analysis, reading comprehension, and sentence completions. This SAT prep course **may not** be taken in lieu of English 11. Every junior is expected to take this course in conjunction with its math component. College essay writing as well as placement examinations will be covered.

0125 SOCIAL ISSUES IN LITERATURE

(1/2 Year-1/2 Credit R) 5 per. weekly

Offered to: Grades 11-12

Literature is packed with the social issues we face in society on a daily basis. Students will study literature, film, media, and presentations that address issues such as drug/alcohol abuse, prejudice, racism, and violence. Students will be able to develop a critical perspective in which they will question and discuss the relationship between the work and the social issue presented. Finally, using this analysis, students will be able to assess their positions in society.

0160 FILM AS LITERATURE

(1/2 Year-1/2 Credit R) 5 per. weekly

Offered to: Grades 11-12

This course will prompt students to develop analytical and compositional skills through the study of films and directors. Students will view full feature films as well as short clips from other films of various genres ranging from narratives to musicals to dramas to westerns. Students will develop visual literacy by offering a range of tools to study both film and literature. Students will write essays, create daily film journals, write critical reviews of recent films, and complete a final film project in which students will script, direct, and create their own mini-films.

FAMILY AND CONSUMER SCIENCE

Family & Consumer Science sequences are organized into three-unit and five-unit programs. They have been developed around four clusters of content.

1. Food and Nutrition occupations
2. Textiles and Design
3. Human Services and Family Studies
4. Home and Personal Management

All Family & Consumer Science sequences must include Career & Financial Management I & II

COURSE OFFERINGS

- CHILD PSYCHOLOGY & DEVELOPMENT I
- CHILD PSYCHOLOGY & DEVELOPMENT II
- CULTURAL FOODS
- FOOD NUTRITION
- FOOD PREPARATION
- FOOD SCIENCE
- HUMAN DEVELOPMENT
- INDEPENDENT LIVING I
- INDEPENDENT LIVING II
- INTERIOR DESIGN

0803 CHILD PSYCHOLOGY & DEVELOPMENT I **(1/2 Year -1/2 Credit NR) 5 per. weekly**

This course covers the growth and development of the child from prenatal to age 5. Emphasis will be placed on the understanding of physical, emotional, social and intellectual development. This course will explore factors contributing to a better understanding of self and others.

0804 CHILD PSYCHOLOGY & DEVELOPMENT II **(1/2 Year -1/2 Credit NR) 5 per. weekly**

Pre-requisite: Child Psychology and Development I
This course is designed to focus on identifying concepts of responsible child rearing. The potential parent will become aware of the need to begin caring for personal health, practicing informed decision making about personal lifestyles, forming positive ways to meet physical, psychological, and emotional needs, and developing an awareness of the kind of parent he or she wants to be.

0807 CULTURAL FOODS **(1 Year -1/2 Credit NR) Alternating Days**

This course is designed to increase awareness of the importance of food in the study of various cultures. Students will develop food preparation skills relating to cooking styles and regional preferences.

FOOD & NUTRITION **(1/2 Year -1/2 Credit NR) 5 per. weekly**

This course helps students to apply nutrition knowledge to every-day living and to develop skills in menu planning and food purchasing, preparation and service. Students also explore career and employment opportunities in the food and nutrition field. Food and Nutrition is a required course for sequences in the Human Development Cluster, Food and Nutrition Cluster and Home and Personal Management Cluster.

0813 FOOD PREPARATION **(1 Year -1/2 Credit NR) Alternating Days**

This course is designed to aid students in developing basic skills in food preparation and services. Emphasis will be placed on favorite American foods, breads, desserts, main dishes, and holiday specialties.

0808 FOOD SCIENCE **(1/2 Year -1/2 Credit NR) 5 per. weekly**

Students will learn to use the scientific method as they study the biological and chemical bases of food and nutrition. Food Science is a significant part of every stage of the production, processing, evaluation, and uses of food.

0802 HUMAN DEVELOPMENT **(1/2 Year -1/2 Credit NR) 5 per. weekly**

This course is designed to give students an opportunity to explore the contemporary issues facing them and to investigate the many choices and challenges open to them as they deal with these issues. They will examine the family unit and analyze the adolescent's role within the family. Ways in which the adolescent can effectively relate to younger children will be identified and practical applications will be developed. Students will investigate how to relate to and learn from adults around them. Opportunities for employment in human development fields will be studied. Human Development is a required course for sequences in the Human Development Cluster, Food and Nutrition Cluster, and Home Personal Management Cluster.

0805 INDEPENDENT LIVING I

(1/2 Year -1/2 Credit NR) 5 per. weekly

This course identifies challenges facing all adolescents as they prepare for their future. Areas of study include the home environment, food preparation, money management and insurances, and general skills necessary for an independent lifestyle.

0825 INDEPENDENT LIVING II

(1/2 Year -1/2 Credit NR) 5 per. weekly

Pre-requisite: Independent Living I

This course is designed to advance the basic skills developed in Independent Living I. Money management, advanced cooking skills, and clothing construction will be emphasized. Career options in these areas are discussed.

0809 INTERIOR DESIGN

(1 Year -1/2 Credit NR)

Alternating Days

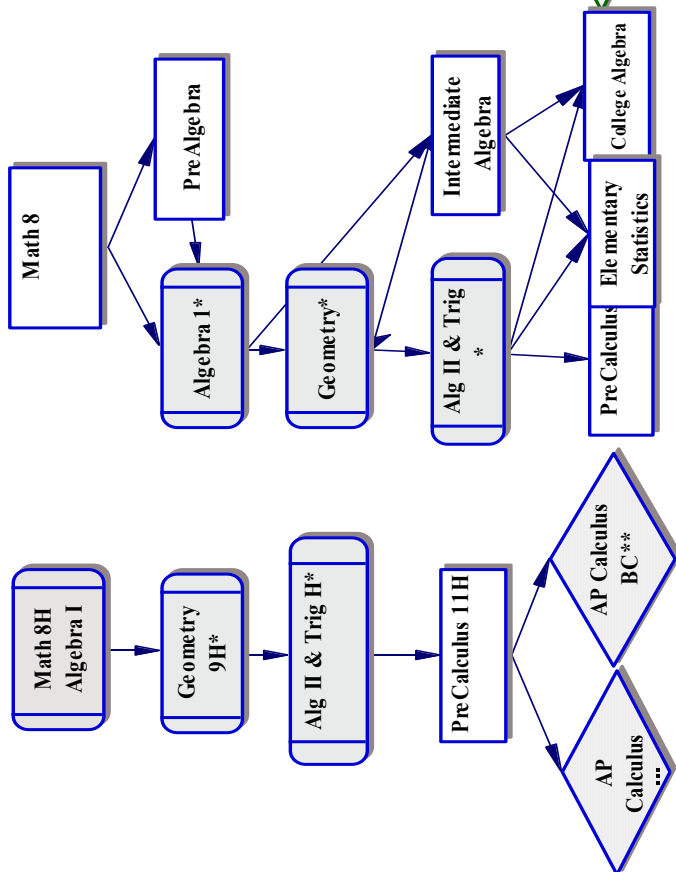
Students will study the principles and elements of design to gain a better understanding of interior design and their own personal style. Students will learn how to create rooms with different styles and moods, draw room layouts, design a color board, select furniture for a room, and how to personalize with accessories and details.

REGENTS DIPLOMA REQUIREMENTS FOR MATHEMATICS

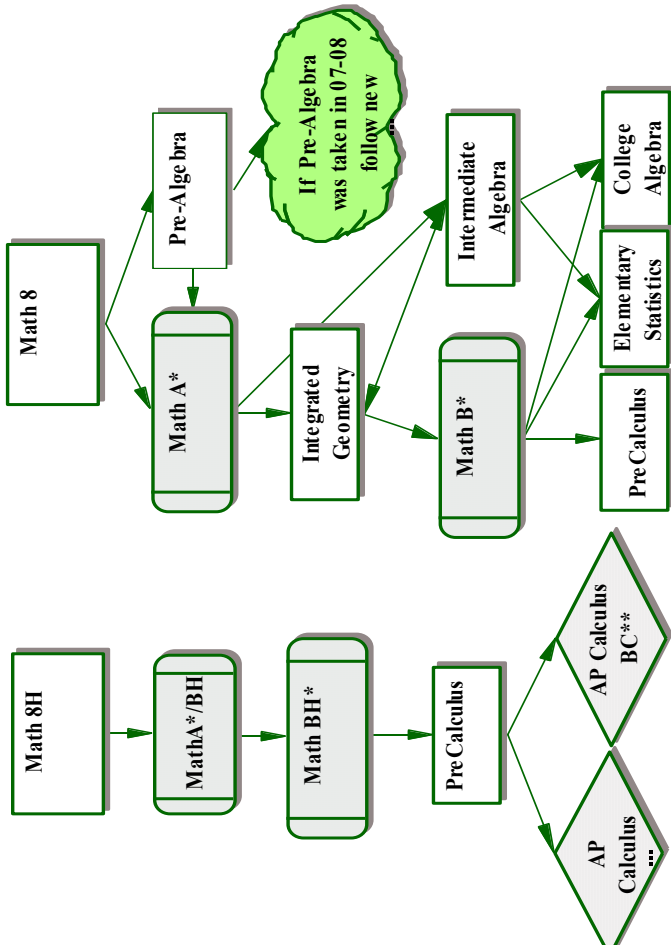
REGENTS DIPLOMA REQUIREMENTS			
Students First Entering Grade 9 in:	Mathematics Units of Credit	Course/Regents Examination Options	Mathematics Regents Examinations
2006	3	Mathematics A, Mathematics B	1
2007	3	Mathematics A, Mathematics B ----- Integrated Algebra, Geometry, Algebra 2/Trigonometry	1
2008	3	Integrated Algebra, Geometry, Algebra 2/Trigonometry ----- Mathematics A** Mathematics B**	1
2009 and Thereafter	3	Integrated Algebra, Geometry, Algebra 2/Trigonometry	1

REGENTS DIPLOMA WITH ADVANCED DESIGNATION				
Students First Entering Grade 9 in:	Math Units of Credit	Course/Regents Examination Options	Mathematics Regents Examination	Regents Examination Options
2006	3	Mathematics A, Mathematics B	2	Mathematics A and Mathematics B
2007	3	Mathematics A, Mathematics B ----- Integrated Algebra, Geometry, Algebra 2/Trigonometry	2 or 3	Mathematics A and Mathematics B or Algebra 2/Trigonometry ----- Integrated Algebra or Mathematics A and Geometry, and Algebra 2/Trigonometry
2008	3	Integrated Algebra, Geometry, Algebra 2/Trigonometry ----- Mathematics A** Mathematics B**	3 or 2	Integrated Algebra or Mathematics A and Geometry, and Algebra 2/Trigonometry ----- Mathematics A** and Mathematics B** or Algebra2/Trigonometry
2009 and Thereafter	3	Integrated Algebra, Geometry, Algebra 2/ Trigonometry	3	Integrated Algebra and Geometry and Algebra 2/Trigonometry

Math Sequence for students entering 9th grade in 2008



Math Sequence for students entering 9th grade prior to 2008



Electives
 Math SAT Prep offered 11th grade ONLY

Academic Support Classes
 Math Lab

Regents Prep Course
 Assessment Prep

* Course culminates with a Regents Exam
 ** Course culminates with an AP Exam

Math Graduation Requirements
 See page 38

MATHEMATICS

Mathematics is for everyone! The Mathematics Department believes that there is a level of mathematics study available to every student. The mathematics program emphasizes computational skills, problem-solving techniques, and mathematical structure. Students learn skills and concepts and practice analytical and critical thinking. They study the uses of the computer, statistics and measurement. In addition, algebraic and geometric structure, logic, and analysis provide a sequential program for the college-bound. The decisions made about the courses taken in high school affect each student for the rest of their lives. All students are required to complete successfully three credits of mathematics and demonstrate a minimum level of proficiency on a New York State exam. We encourage all students to take four years of mathematics.

NOTE: Please read the honors requirements in the Guidance section of this book.

COURSE OFFERINGS

- PRE ALGEBRA
- ALGEBRA 1
- GEOMETRY HONORS
- GEOMETRY
- MATH B
- ALGEBRA II AND TRIGONOMETRY H
- INTERMEDIATE ALGEBRA
- COLLEGE ALGEBRA
- PRE-CALCULUS HONORS
- ELEMENTARY STATISTICS
- PRE-CALCULUS
- AP CALCULUS BC
- AP CALCULUS AB
- MATH SAT PREPARATION
- AIS MATH LAB
- ASSESSMENT PREP

0356 AIS MATH LAB

(1 Year - 0 Credit G)

Alternating days

Academic Intervention Services are designed to support your child's academic development and to assist your child in gaining the knowledge and skills necessary to meet the Regents requirement in Mathematics. This course is mandated for all students who have scored at levels 1 or 2 on the Grade 8 Intermediate Level Mathematics State Assessment. Students who are registered in Algebra I and having difficulty with the course are also eligible for this course.

0346 PRE ALGEBRA

(1 Year- 1 Credit R)

5 per. weekly

Prerequisite: Score below 70% in Mathematics

This course is the first year of a two year program to prepare students for the Integrated Algebra regents. Students will demonstrate mathematical reasoning in a variety of ways when solving problems. They will utilize the graphing calculator to enhance their study of mathematics. The topics covered through problem solving will be operations of monomials and polynomials, factoring, techniques of graphing, solving linear and quadratic equations, and coordinate geometry.

0347 ALGEBRA 1

(1 Year-1 Credit R)

5 per. weekly

Prerequisite: Successful completion of Mathematics 8

This course prepares students for the Integrated Algebra Regents exam. Students will demonstrate mathematical reasoning in a variety of ways when solving problems. They will utilize the graphing calculator to enhance their study of mathematics. The topics covered through problem solving will be operations of polynomials, factoring, techniques of graphing, solving linear and quadratic equations, operations with radicals, patterns relations and functions, coordinate geometry, statistics and probability. The Algebra 1 Regents Examination will be given at the end of this course.

0355 GEOMETRY HONORS

(1 Year -1 Credit H)

5 per. weekly

Prerequisite: 85% or better on the Integrated Algebra regents and a grade of 85% or better in Mathematics 8H.

This accelerated course for ninth grade students prepares them for the Geometry Regents which will be administered in June. Enrichment activities will also be integrated into the curriculum. Students will continue using a graphing calculator to enhance their study of mathematics. The topics covered will include functions, informal and formal proofs, constructions, locus, transformational geometry, and coordinate geometry.

0364 GEOMETRY

(1 Year -1 Credit R)

5 per. weekly

Prerequisite: Successful completion of Algebra I and a grade of 65 or better on the Algebra Regents.

Students will be required to use the graphing calculator throughout this course. This course culminates in a regents exam. The topics covered will include functions, informal and formal proofs, constructions, locus, transformational geometry, and coordinate geometry.

MATHEMATICS

0342 MATH B

(1 Year - 1 Credit R)

5 per. weekly

Prerequisites: Successful completion of the Geometry course and a grade of 65 or better on the Mathematics A Regents Exam.

This course is the second year of a two year program designed for students to complete the Math B curriculum. Emphasis is placed on the application of functions and how these concepts relate to the real world. Students will continue the graphing calculator to enhance their study of mathematics. The topics covered will include rational expressions, complex numbers, exponential and logarithmic functions, probability and statistics and the development of circular functions (trigonometry). Students will take the Math B regents exam in June.

0365 ALGEBRA II AND TRIGONOMETRY HONORS

(1 Year - 1 Credit H)

5 per. weekly

Prerequisite: 85% or better on the Geometry Regents and a grade of 85% or better in Geometry 9H.

This accelerated course for tenth grade students prepares them for the Algebra 2 and Trigonometry Regents which will be administered in June. Enrichment activities will also be integrated into the curriculum. Students will continue using a graphing calculator to enhance their study of mathematics. The topics covered will include relations and functions (linear, quadratic, polynomial, radical, exponential, logarithmic, and rational), conic sections, discrete mathematics, and an extensive study of trigonometry.

0340 INTERMEDIATE ALGEBRA

(1 Year -1 Credit R)

5 per. weekly

Prerequisites: Successful completion of Geometry.

This course is designed for students who have completed the Math A curriculum and who are not ready for Math B, but need the required third year of math. The course will strengthen and build upon algebraic skills, introduced advanced geometric concepts and explore real world applications. The use of technology will be utilized throughout the course. *The final examination is a departmental examination.*

0357 ELEMENTARY STATISTICS

(1 Year -1 Credit R)

5 per. weekly

Prerequisites: Successful completion of Geometry.

This course is designed for students who have completed the Algebra curriculum and who are not ready for the Geometry, but need the required third year of math. The course will explore the different ways statistical data is collected and presented. The topics covered will be descriptive statistics, probability, and statistical inferences. The course will explore real world applications. The use of technology will be utilized throughout the course. The final examination is a departmental examination.

0359 COLLEGE ALGEBRA

(1 Year -1 Credit C)

5 per. weekly

Prerequisite: 75 or better in Intermediate Algebra and/or passing the Math B course and/or 75 or better in Geometry.

This senior mathematics course, given under the aegis of Suffolk Community College, will essentially be a course in advanced algebra, covering such topics as operations on radicals and complex numbers, rational exponents and roots, rational expressions, and systems of equations and inequalities. **Upon successful completion, students can earn 4 college credits from Suffolk Community College.**

0358 PRE-CALCULUS HONORS

(1 Year -1 Credit C)

5 per. weekly

Prerequisite: a 85% or better on the Math B regents and a grade of 85% or better in Math BH

This course, given under the aegis of Suffolk Community College, stresses conceptual understanding of realistic problems and multiple approaches to various types of problems. Functions that model change are the central theme. Students are expected to explain their approaches to problems and their solutions. The graphing calculator will be used extensively throughout this course. Students will be expected to represent functions symbolically, numerically, graphically, and verbally. Wide applications of mathematics will be explored as students study linear, exponential, logarithmic, polynomial, trigonometric and rational functions, sequences and series, limits and an introduction to calculus. Students will be prepared to take the AP/ College Calculus course. **Upon successful completion, students can earn 4 college credits from Suffolk Community College.**

MATHEMATICS

0315 MATH SAT PREPARATION

(1 Year -1/2 Credit R)

Alternating Days

Offered to: Grade 11

This course is geared to preparing eleventh-year students for the SAT examination. Every junior is expected to take this course in conjunction with its English component. Those enrolled in the course will be expected to take either the PSAT or SAT examination, as appropriate.

0333 ASSESSMENT PREP

(1/2 Year - 1/2 Credit N)

5 per. weekly

Any student who fails the Algebra I examination, but passed the corresponding class must be placed in this course.

0354 PRE-CALCULUS

(1 Year -1 Credit C)

5 per. weekly

Prerequisite: Successful completion of the Math B Assessment and a grade of 75% or better in Math B

This course, given under the aegis of Suffolk Community College, stresses conceptual understanding of realistic problems and multiple approaches to various types of problems. Functions that model change are the central theme. Students are expected to explain their approaches to problems and their solutions. The graphic calculator will be used extensively throughout this course. Students will be expected to represent functions symbolically, numerically, graphically, and verbally. Wide applications of mathematics will be explored as students study linear, exponential, logarithmic, polynomial, and trigonometric and rational functions. **Upon successful completion, students can earn 4 college credits from Suffolk Community College.**

0349 ADVANCED PLACEMENT CALCULUS AB

(1 Year -1 Credit C)

5 per. weekly

Prerequisite: 75% or better in Pre-Calculus and teacher recommendation

This college level course, given under the aegis of Farmingdale State College, is designed to acquaint the student with the foundations and applications of calculus, and to develop the concept of the limit as applied to the definition of a derivative and definite integral. Emphasis will be placed upon applications involving analytic geometry, and the student's ability to handle complex algebraic manipulations in order to problem solve. This Advanced Placement Course in Calculus AB will prepare students to take the AP exam in May for which up to 4 college credits may be awarded. Students will be required to use the graphing calculator throughout this course. **Upon successful completion, students can earn 4 Advanced Placement credits or 4 college credits from Farmingdale State University**

0351 ADVANCED PLACEMENT CALCULUS BC

(1 Year -1 Credit C)

7 per. weekly

Prerequisite: 75 or better in Pre-Calculus and teacher recommendation

This college level course, given under the aegis of Farmingdale State College, is an intensive course designed for the advanced mathematics student. The topics covered on the BC exam are extremely challenging and require students to be able to analyze, discuss, graph, solve and write conclusions for problems in all fields of Science and Economics. Most colleges and universities grant advanced placement credit to students that are successful on the Advanced Placement BC exam. This Advanced Placement Course in Calculus BC consists of a full year of work comparable to two semesters of calculus courses in colleges and universities. All of AB Calculus topics will be covered along with parametric equations, polar graphing, series and other additional topics. Students will be prepared to take the AP exam in May for which up to 8 college credits may be awarded. Students will be required to use the graphing calculator throughout this course. **Upon successful completion, students can earn Advanced Placement credit or 8 college credits from Farmingdale State College.**

PERFORMING ARTS

0921 MUSICAL THEATRE WORKSHOP

(1 Year -1 Credit R) 5 per. weekly

Prerequisite: Teacher recommendation

This class is for students who like to sing, dance, and act, and who want to learn how to do it better. Students will learn songs and scenes from great musicals and perform them on a regular basis. They will also learn about the history of musical theatre and attend performances in New York City and on Long Island. Students will also learn audition techniques to help prepare them for college admissions.

0922 DANCE STUDIO

(1/2 Year -1/2 Credit R) 5 per. weekly

This course teaches the elements of ballet and modern dance. Students learn how to perform set dance forms in formal and informal contexts and to improvise, create, and perform dances based on their own movement ideas. They will also learn about choreographic principles, processes, and structures and of the roles of various participants in dance productions.

0924 INTERMEDIATE DANCE

(1/2 Year -1/2 Credit R) 5 per. weekly

This course is a continuation of Dance Studio. Students will develop their skills in bar exercises and will learn more advanced ballet and modern dance technique, as well as the basics of partnering. The study of dance history, began in Dance Studio, will continue. Students will learn the elements of choreography and will create their own short dances.

Note: Students who have not taken Dance Studio at Deer Park High School, but who have studied ballet and/or modern dance elsewhere, must audition.

0925 AP MUSIC THEORY

(1 Year -1 Credit C) 5 per. weekly

This class teaches how to compose, arrange, and analyze music. It also includes instruction in sight singing and ear training, to prepare students for music classes in college. Students who need a major sequence in music and/or are planning on studying music in college must take this course. Students who want to take the Advanced Placement exam in Music Theory may take this class for "C" (college level) credit—there will be additional after-school sessions in the spring. They may then take the Advanced Placement test and earn college credit. This decision does not have to be made until the second semester. Students who are not currently enrolled in a performing ensemble should see Mr. Abrams before registering for this class.

PERFORMING ARTS

DEPARTMENT OBJECTIVES: The courses and performing groups of the Music Department are designed to meet the needs, interests and talents of all senior high school students. The courses present the students with opportunities to study music from a technical aspect, to learn to understand and appreciate music through listening, and to develop self-expression through participation in the various instrumental and choral performing Groups. Students who plan to specialize in music or music education as a career are urged to begin theory studies as early as possible during their high school years. It is also recommended that students specializing in music should engage in maximum participation in one or more of the music performing organizations.

Students may fulfill the one credit graduation requirement in music or art by taking a performing course.

COURSE OFFERINGS

- SYMPHONIC BAND
- CHORUS
- SYMPHONY ORCHESTRA
- WIND ENSEMBLE
- MUSIC PRODUCTION & ENGINEERING
- BEGINNING GUITAR
- GUITAR ENSEMBLE
- MUSICAL THEATRE WORKSHOP
- DANCE STUDIO
- INTERMEDIATE DANCE
- AP MUSIC THEORY

0901 SYMPHONIC BAND
(1 Year -1 Credit R) **5 per. weekly**

Prerequisite: Teacher recommendation

The Symphonic Band is a culmination of the instrumental band program that begins in the fourth grade. It is the goal of this ensemble to develop a sensitivity and understanding of the great works of the masters and contemporary music through the medium of performance. The skills required for such performances are taught in the rotating instrumental class.

0903 CHORUS
(1 Year -1 Credit R) **5 per. weekly**

Prerequisite: Teacher recommendation

This chorus will study and perform great choral literature of all types. Vocal technique is also taught in rotating group lessons.

0904 SYMPHONY ORCHESTRA
(1 Year -1 Credit R) **5 per. weekly**

Prerequisite: Recommendation of present orchestra teacher or audition

Orchestra is the culmination of our string program that started in the fourth grade. String and full orchestra selections will be performed at concerts and festivals providing an opportunity for students to apply their skills taught in rotating lessons. Increased proficiency and exposure to a variety of contemporary and classical music will result in a greater appreciation and understanding of the aesthetic quality of great art. Technique is taught in rotating group lessons.

0916 WIND ENSEMBLE
(1 Year -1 Credit R) **5 per. weekly**

Prerequisite: Teacher recommendation

The Wind Ensemble consists of 30 to 40 members who have the ability to perform at NYSSMA level V or VI. Selected members also perform as the Orchestra's wind and percussion sections. Attendance at rotating lessons is also required.

0909 MUSIC PRODUCTION & ENGINEERING
(1 Year -1 Credit R) **5 per. weekly**

In this class, students will obtain and demonstrate hands on-skills in the production and engineering of music. Topic will include: 1) Acoustics, 2) Microphones and microphone placement, 3) Mixing consoles and the signal path, 4) Multi-track tape recorders, 5) Signal processing, 6) Recording techniques, 7) Stereo imaging, 8) synthesizers and computers, 9) copyrighting and 10) career opportunities.

0908 BEGINNING GUITAR
(1 Year -1 Credit R) **5 per. weekly**

Students will be introduced to the fundamentals of reading music, technique, basic chords and scales. These concepts will be applied through the study of songs in an ensemble setting.

0907 GUITAR ENSEMBLE
(1 Year -1 Credit R) **5 per. weekly**

Prerequisite: Beginning guitar or audition demonstrating NYSSMA performance Level III. This ensemble studies and performs music for multiple guitars and guitars with other instruments. Repertory includes classical, jazz and contemporary selections. Technique is taught in rotating lessons.

ATHLETICS

DEPARTMENT OBJECTIVES:

Through the years, the Interscholastic Athletics Program has played an important role in the lives of students and community members. Each school year the sports season offers the current generation of student-athletes the same opportunity that presented itself to all who have ventured into the arena. Those students who choose to participate will learn invaluable lessons in the value of hard work, teamwork, personal sacrifice and commitment, time management, respect for authority and rules, as well as how to lead and follow. All students are encouraged to participate in athletic programs. Athletics offer students an educational experience that cannot be duplicated in a classroom. Lifelong friendships often develop between teammates and memories are forged through the seasons that are often recalled vividly years later. Coaches are available to discuss any aspect of their specific program with prospective athletes and/or parents. For further information, including tryout and Pre-Season Parent and Athlete Mandatory Code of Conduct Night dates and any additional sport season information, call the Athletic Office.

FALL

FOOTBALL (B) Varsity,
SWIMMING (G) Varsity
SOCCER, (B,G) Varsity, JV
CROSS COUNTRY (B,G)
VOLLEYBALL (G) Varsity, JV
TENNIS (G) Varsity, JV
CHEERLEADING (G) Varsity, JV

WINTER

JV BASKETBALL (B,G) Varsity, JV
SWIMMING (B) Varsity
WRESTLING (B) Varsity, JV
TRACK (B,G)
BOWLING (Co-ed)
CHEERLEADING (G) Varsity, JV
KICKLINE (G)

SPRING

BASEBALL (B) Varsity, JV
LACROSSE (B,G) Varsity, JV
SOFTBALL (G) Varsity, JV
TENNIS (B) Varsity, JV
TRACK (B,G)
GOLF (B,G) Varsity, JV

NCAA APPROVED CORE COURSES

The National Collegiate Athletic Association (NCAA) Eligibility Center certifies the academic and amateur credentials of all college bound student-athletes who wish to compete in NCAA Division I or II athletics. To be eligible to play Division I athletics, students must have successfully completed 16 approved core courses. These 16 courses must be completed as follows: 4 years of English, 3 years of math (algebra 1 or higher), 2 years of natural or physical science (including one year of lab science), 1 extra year of English, math or natural or physical science, 2 years of social science, and 4 years of extra core courses. Division II athletes must complete 14 courses as follows: 3 years of English, 2 years of math (algebra 1 or higher), 2 years of natural or physical science (including one year of lab science), 2 extra years of English, math or natural or physical science, 2 years of social science, and 3 years of extra core courses. A listing of Deer Park High School's List of Approved Core Courses is below. In addition, Division I athletes must have an acceptable GPA and SAT or ACT score based on the Division I Core GPA and Test Score Sliding Scale. Division II athletes only need a 2.0 GPA and either an 820 SAT (Critical Reading and Math) or 68 sum of score on the ACT. For more information or to register with the Eligibility Center in your junior or senior year, please visit www.ncaaclearinghouse.net. **In addition, all students interested in participating in Division I or II athletics must notify their counselor.**

APPROVED ENGLISH DEPARTMENT COURSES

English 9, 10, 11, 12 Regents, Honors AP
Creative Writing
Introduction Medieval Literature
Journalism

APPROVED WORLD LANGUAGE COURSES

Spanish 1, 9, 10
Italian 9, 10
French 9, 10

APPROVED MATHEMATICS COURSES

Algebra II & Trigonometry Honors
Integrated Geometry
Math A/B Regents
Algebra I

APPROVED SCIENCE COURSES

AP Environmental Science
Chemistry Regents & Honors
Earth Science Regents
Marine Biology
Wilson Tech Applied Physical Science

APPROVED SOCIAL STUDIES COURSES

Abnormal Psychology I and II
Constitutional Law
Economics
Government
Sociology
US History & Government Regents, Honors AP
Wilson Tech Economics
Criminal Justice

College Writing Prep
Dramatic Arts Advanced
Philosophy Introduction and II
The Science of Fiction

Advanced Spanish 11
Advanced Italian 11
Advanced French 11

AP Calculus AB
Intermediate Algebra
Math B Regents
Geometry 9 & 10

AP Physics B
AP Biology
Forensic Science
Natural Disasters

AP Economics Micro & Macro
Echoes of the Past WWI
Geo-political Issues
Impact of Sports through History
Psychology
US History Through Media
World History Through Media

Literature of the Macabre
Speech and Dramatic Arts
Public Speaking
Women's Studies

College Level Spanish 12
College Level Italian 12
College Level French 12

AP Calculus BC
Math A Regents
Pre-Calculus Honors
Elementary Statistics

AP Physics C
Current Topics in Science
Living Environment Regents & Honors
Physics Regents

AP Psychology
Echoes of the Past WW II
Global History 9, 10 Regents
Learning Culture Through Literature
AP European History
Wilson Tech Participation in Gov't
Global History 9, 10 Honors

PHYSICAL EDUCATION

DEPARTMENT OBJECTIVES:

The Physical Education program provides opportunities for learning, enjoyment, challenge, self expression and social interaction through sport and physical fitness activities. Traditional sport activities as well as life time activities are emphasized. Additionally, cooperative activities offer the student the chance to challenge oneself and to work with others to obtain a desired outcome.

Requirement: The passing of eight (8) semesters of Physical Education (4 years) is required for graduation. The Physical Education grade is included in the GPA and 1/4 credit is granted each successful semester for a total of 2 credits for graduation.

COURSE OFFERINGS

1103 PHYSICAL EDUCATION 9-10 FALL (1/2 Year -1/4 Credit R) Alternating Days

1104 PHYSICAL EDUCATION 11-12 SPRING (1/2 Year -1/4 Credit R) Alternating Days

Students will participate in individual and team activities developed through the Sport Education Model. This approach is designed to gradually shift decision making from teachers to students. When students are empowered to take responsibility for their actions, they have the opportunity to practice the element of the following standards: Choosing appropriate personal health and fitness practices, leading in creating and maintaining safe and positive experiences for all and utilizing available personal and community resources. There are many objectives of the Sports Education season to help students. Some include: Developing skills and fitness that are sport specific, sharing in the planning and administration of their sport experience and working efficiently with a group toward a common goal. The overall purpose of this program is to provide a "take-off point" for creative approaches to the teaching of the affective curriculum in both traditional sport units and non-traditional adventure type units.

1117 ELITE PHYSICAL EDUCATION

(1/2 Year -1/4 Credit H) Alternating Days

Teacher Recommendation only

1118 AQUATICS

(1/2 Year -1/4 Credit R) Alternating Days

1119 COMPETITIVE PHYSICAL EDUCATION
(1/2 Year -1/4 Credit R) Alternating Days

1120 PHYSICAL FITNESS & WELLNESS
(1/2 Year -1/4 Credit R) Alternating Days

1121 YOGA
(1/2 Year -1/4 Credit R) Alternating Days

1113 ADAPTED/ADAPTIVE PHYSICAL EDUCATION FALL
(1/2 Year -1/4 Credit R) Alternating Days

1114 ADAPTED/ADAPTIVE PHYSICAL EDUCATION SPRING
(1/2 Year -1/4 Credit R) Alternating Days

Prerequisite: Inclusion only through referral process and departmental approval.

The Adapted/Adaptive program is a comprehensive service delivery system designed to identify and ameliorate problems within the psychomotor domain. Services include psychomotor assessment, individualized educational programming, developmental and/or prescriptive teaching, counseling and coordination of related resources. Services provide optimal physical educational experiences for students who may not safely or successfully engage in unrestricted participation in the activities of the regular physical education program.

HEALTH

HEALTH DEPARTMENT OBJECTIVES:

The New York State Department of Education requires all students to complete one semester of Health Education at the senior high school level in order to meet NYS graduation requirements and receive a diploma.

Required for graduation.

1201 HEALTH

(1/2Year -1/2 Credit R) 5 per. Weekly

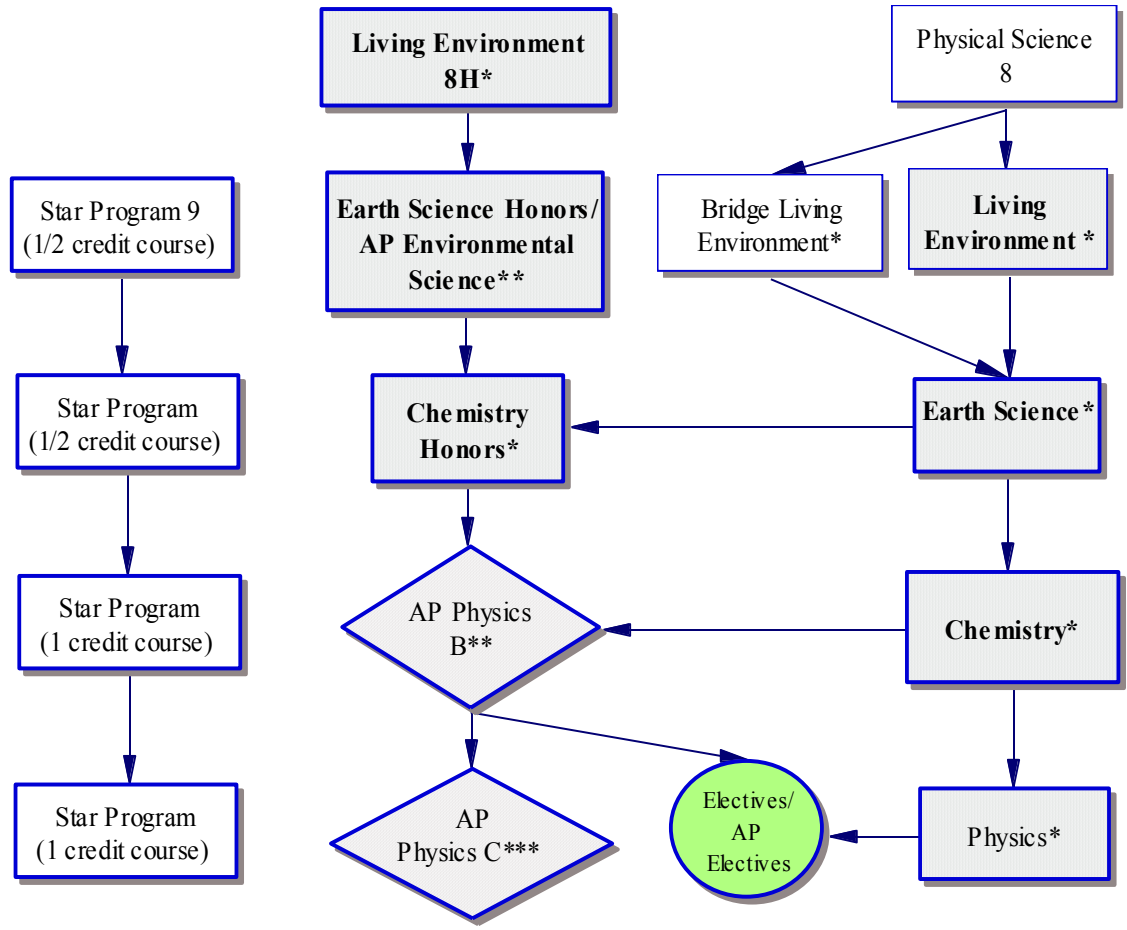
Offered: Fall and Spring semesters

1202 HEALTH

(1 Year -1/2 Credit R) Alternating Day

Offered to: Grades 10-11-12

This course is required for all juniors. It includes units in mental health stress management, drugs, alcohol, consumer health, family health, ecology, family life, safety, initiative, leadership, trust and respect, AIDS, food and nutrition, current health problems and possible solutions. All students are required to pass this course in order to graduate.



Electives
 Please see pages 15-19 for a full list of Science Electives.
 Not all courses are offered every year

Academic Regents Prep Course Support Classes
 Applied Living Environment
 Applied Earth Science

- * Course culminates with a Regents Exam
- ** Course culminates with an AP Exam & Regents Exam
- *** Course culminates with an AP Exam

Science Graduation Requirements
 3 Course Credits (2 courses that culminate in a Regents)
 &
 1 Regents Exam - Regents Diploma
 2 Regents Exams - Regents Diploma with Advanced Designation

SCIENCE

DEPARTMENT OBJECTIVES: Science is part of our everyday lives. If you have ever wondered why a morning is foggy, or observed a spider weaving its web, or positioned your beach blanket according to the tides, you have experienced science. Through science classes, we attempt to provide understanding to the science around us. Our courses are aligned with the NYS Standards in the Core areas of Living Environment and the Physical Settings. Freshmen and Sophomores usually take Regents courses in Living Environment and Earth Science. Juniors and Seniors usually take Chemistry and Physics. We encourage talented students to undertake the challenges of AP courses. Science electives are also available for qualified students. Laboratory work is an integral part of all Science courses. Students taking Regents Science courses must meet the NYS requirement of 1200 laboratory minutes followed by satisfactorily submitted lab reports. This is a mandate that must be completed for entrance into each Regents exam.

NOTE: Please read the honors/AP requirements in the Guidance section of this book.

COURSE OFFERINGS

- LIVING ENVIRONMENT
- LIVING ENVIRONMENT ENRICHMENT
- APPLIED LIVING ENVIRONMENT
- THE PHYSICAL SETTING: EARTH SCIENCE
- THE PHYSICAL SETTING: EARTH SCIENCE HONORS/AP ENVIRONMENTAL SCIENCE
- APPLIED EARTH SCIENCE
- THE PHYSICAL SETTING: CHEMISTRY
- THE PHYSICAL SETTING: CHEMISTRY HONORS
- THE PHYSICAL SETTING: PHYSICS
- ADVANCED PLACEMENT BIOLOGY
- ADVANCED PLACEMENT CHEMISTRY
- ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE
- ADVANCED PLACEMENT PHYSICS B
- ADVANCED PLACEMENT PHYSICS C
- STAR PROGRAM
- MARINE BIOLOGY
- FORENSIC SCIENCE
- COLLEGE LEVEL OCEANOGRAPHY
- MICROBIOLOGY
- ANATOMY AND PHYSIOLOGY

0404 LIVING ENVIRONMENT

(1 year - 1 Credit R) 7 1/2 per. weekly

This laboratory course is based upon the activities and content as specified in the New York State Living Environment Core Curriculum guide. This curriculum emphasizes the latest advances in scientific knowledge in the biochemical and evolutionary basis for life, the natural and human impacts on the global ecology and the unity and diversity of all living creatures. This course culminates in a Regents examination in June.

0424 LIVING ENVIRONMENT ENRICHMENT

(1 year - 0 credit G) Alternating Days

This course is designed for students who need additional support with reading, math concepts, study skills and organizational skills. It provides additional opportunities to practice strategies needed for success in the Regents Living Environment Program. The class meets on alternate days for the entire year and provides academic intervention services. The class grade is used in part to determine the students Living Environment Regents course grade.

0460 APPLIED LIVING ENVIRONMENT

(1/2 year - 1/2 Credit N) 5 Per. weekly

Prerequisite: Successful course completion of the Living Environment course while failing the Regents examination.

This laboratory course spends half the year developing skills and content to increase the student's ability to be a globally informed citizen in Biology. This curriculum emphasizes the latest advances in scientific knowledge in the biochemical and evolutionary basis for life, the natural and human impacts on the global ecology and the unity and diversity of all living creatures. Students will take the Living Environment Regents examination in January.

0402 THE PHYSICAL SETTING: EARTH SCIENCE

(1 year - 1 Credit R) 7 1/2 per. weekly

Prerequisite: Successful completion of Living Environment This laboratory course is based upon the activities and content as specified in the New York State Physical Setting: Earth Science Core Curriculum guide. It is an interdisciplinary program in which students apply many of the topics of physics, chemistry, and mathematics studied in earlier grades. Students are required to complete a long-term investigation, along with a laboratory skills practicum. This course culminates in a Regents examination in June.

0453 THE PHYSICAL SETTING: HONORS EARTH SCIENCE/ AP ENVIRONMENT SCIENCE

(1 year - 2 Credits C) 10 per. weekly

Prerequisite: Successful completion of the Living Environment course and regents exam in the 8th grade. Students will undertake the curriculum inherent in the New York State Core Curriculum guide for the Physical Setting: Earth Science as well as explore the more in-depth curriculum normally found within the freshman courses of Environmental Science at leading colleges and universities. The topics included in the AP Environmental Sciences course mesh and extend the topics found in Earth Science to a very large extent. Students will be prepared and expected to take, the Advanced Placement examination in Environmental Sciences in May as well as the Regents examination in Earth Science in June.

0461 APPLIED EARTH SCIENCE

(1/2 year - 1/2 Credit N) 5 Per. weekly

This laboratory course spends half the year developing skills and content to increase the student's ability to be a globally informed citizen in Earth Science.

0407 THE PHYSICAL SETTING: CHEMISTRY

(1 year- 1 Credit R) 7.5 per. weekly

Prerequisite: Successful completion of Living Environment and Earth Science.

This course is offered to students who have completed both the Living Environment course and The Physical Setting: Earth Science course. The content of this course follows guidelines provided in the NYS Core Curriculum Guide of The Physical Setting: Chemistry. Students will investigate basic chemical principles and the applications of chemical processes. Inquiry-based laboratory work is an integral part of the course. Students are required to complete a minimum of 1200 minutes of laboratory assignments, followed by written lab reports, as required by NY State Education Department. Students will be prepared for, and take the Physical Setting: Chemistry Regents as the final exam of the course.

0406 THE PHYSICAL SETTING CHEMISTRY HONORS

(1 year- 1 Credit H) 7.5 per. weekly

(Recommended to students who have previously achieved a 85 or better in their course average for Earth Science and on the ES Regents exam, who have also achieved mastery level in their course average for Living Environment and on the LE Regents exam, and/or teacher recommendation.)

The content of this course follows guidelines provided in the NYS Core Curriculum Guide of The Physical Setting: Chemistry. Students will investigate content at an in-depth level, and should be able to maintain the pace necessary to provide comprehensive study of core topics. This content will provide the groundwork for the more rigorous Advanced Placement work in the field of Chemistry. Inquiry-based laboratory work is an integral part of the course. Students are required to complete a minimum of 1200 minutes of laboratory assignments, followed by written lab reports, as required by NY State Education Department. Students will be prepared for, and take the Chemistry Regents as the final exam of the course.

0444 THE PHYSICAL SETTING: PHYSICS

(1 year- 1 Credit R) 7.5 per. weekly

(Recommended to students who have previously completed the Living Environment course, and The Physical Setting: Earth Science course. Satisfies the Physical Setting requirement for graduation).

Prerequisites: Successful completion of the Math A course and regents exam and Geometry. The content of this course follows guidelines provided in the NYS Core Curriculum Guide of The Physical Setting: Physics. Students will investigate basic principles of physics and the applications of physical processes. Inquiry-based laboratory work is an integral part of the course. Students are required to complete a minimum of 1200 minutes of laboratory assignments followed by written lab reports, as required by NY State Education Department. Students will be prepared for, and take the Physics Regents as the final exam of the course.

0451 ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

(1 year - 1 Credit C)

7.5 per. weekly

Prerequisite: Successful completion of Regents examination graduation requirements in Science. Successful completion of the Chemistry course and a minimum grade of 65 on the regents exam is also highly recommended. This laboratory course provides a systematic introduction to the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. This is an interdisciplinary course that embraces a variety of topics of Biology, Earth Science, Chemistry and Physics. These principles will be applied to identification and analysis of environmental processes both natural and man-made, evaluating the relative risks associated with these problems, and examining alternative solutions for resolving and/or preventing them. Instruction is on the college level and students are prepared for and expected to take the Advanced Placement examination in Environmental Science.

0463 ADVANCED PLACEMENT BIOLOGY

(1 year - 1 Credit C)

10 per. weekly

Prerequisites: Mastery level in Chemistry course average and Chemistry Regents exam, and/or teacher recommendation.

This course is designed to be the equivalent of a college introductory biology course offered to biology majors during the first academic year. Students are expected to have a comprehensive understanding of biological principles, cellular dynamics, chemical structures and chemical processes prior to entry into this course. Students are also expected to be self-motivated and capable of independent study and thus be able to meet rigorous academic demands. The course moves at a challenging pace and includes extensive in-depth study of cells and cell chemistry, animal and plant physiology, genetic applications evolutionary theory and processes, and ecological principles and dynamics. Under College Board AP guidelines, laboratory investigations are an integral part of this course. Instruction is on the college level. Students are expected to take the AP Biology examination.

0464 ADVANCED PLACEMENT CHEMISTRY

(1 year - 1 Credit C)

10 per. weekly

Prerequisites: Mastery level in Chemistry course average and Chemistry Regents exam. Co-requisite: Must have taken or concurrently be taking Pre-Calculus. This course is designed to be the equivalent of a college introductory chemistry course offered to chemistry majors during the first academic year. Students are expected to have a comprehensive understanding of chemical structures and processes prior to entry into this course. Students are also expected to be self-motivated and capable of independent study, and thus be able to meet rigorous academic demands. The course moves at a challenging pace and includes extensive in-depth study of reaction chemistry, thermodynamics, stoichiometry, nuclear chemistry, and kinetics. Students develop skills in mathematical interpretations of these processes. Under College Board AP guidelines, laboratory investigations are an integral part of this course. Instruction is on the college level. Students are expected to take the AP Chemistry examination.

0429 ADVANCED PLACEMENT PHYSICS B

(1 year - 1 Credit C)

10 per. weekly

Offered to: Grades 11 & 12

Prerequisite: Successful completion of Honors ES, LE and Chemistry Co-requisite: Must have taken or concurrently be taking Pre-Calculus.

This laboratory course provides a systematic introduction to both classical and modern physics with emphasis on their development for conceptual understanding and problem-solving ability. This course is designed for eleventh and twelfth graders who have demonstrated achievement and interest at a level well above average in both mathematics and science. All content as specified in the New York State Physical Setting: Physics Core Curriculum guide is also covered. Students will also take the Physics Regents examination in June. Instruction is on the college level and students are prepared for and expected to take the Advanced Placement examination in Physics B.

SCIENCE

0452 AP PHYSICS C

(1 Year - 1 Credit C)

7.5 per. weekly

Offered to: Grade 12 only

Prerequisite: Successful completion of Regents Physics or AP Physics B Co-requisite: Concurrent registration in AP Calculus.

This laboratory course extends the introduction to physics completed during the first year of physics and is designed for twelfth graders who intend to pursue careers in engineering, physics and/or higher mathematics. The course focuses on two content areas: Mechanics and Electricity/ Magnetism. Instruction is on the college level and students are prepared for and expected to take the Advanced Placement Physics C examinations: AP C Mechanics and AP C Electricity/Magnetism.

ELECTIVES

0423 STAR PROGRAM

(1 Year- 1 credit H)

5 per. weekly

Offered: Period 10 to grades 11 & 12

0421 STAR PROGRAM

(1 Year- 1/2 credit H)

Alternating Days

Offered: Period 10 to grades 9 & 10

This course revolves around developing and completing a science project to compete in local, state, or national science competitions. Development of real-world skills, such as oral and written communication, statistical analysis, and technology will be a part of the curriculum. Students will be assessed by a portfolio that includes written work, project proposals, research analysis, and log data entry. Students are encouraged to take this course for successive years.

0419 MARINE BIOLOGY

(1/2 Year - 1/2 Credit R)

5 per. weekly

Prerequisite: Completion of Regents examination graduation requirements in Science.

This laboratory-based course is designed to provide students with real-world laboratory experience via classroom and field-based activities. The focus of this course is the variety of marine communities and the complex inter-relationships of marine life. Case studies will be utilized to assist students in developing an awareness of the economic, political, ecological and moral issues involved in decisions affecting our marine environment

1417 COLLEGE LEVEL OCEANOGRAPHY

(1 Year- 1/2 Credit C)

Alternating Days

Prerequisite/Co-requisite: Physics

This course is designed to allow students to obtain 3 college credits from Stony Brook University. The course will provide hands on experience via lab and field work. The topics addressed include the characteristics of the abiotic marine environment, the interdependence of the abiotic factors (geological, physical, and chemical) to the biological processes, and marine diversity. **Three college credits through SUNY Stony Brook. The cost is approximately \$100.**

0439 FORENSIC SCIENCE

(1/2 Year -1/2 Credit R)

5 per. weekly

Offered to Grades 11 & 12

Prerequisite: Completion of Regents examination graduation requirements in Science.

Recent advancements in scientific fields have had an enormous impact upon law enforcement and the entire criminal justice system. In this course, scientific methods specifically relevant to crime detection and analysis will be explored. Emphasis is placed upon understanding the science behind the techniques used in evaluating physical evidence. Topics included are blood analysis, organic and inorganic evidence analysis, microscopic investigations, hair and DNA analysis, drug chemistry and toxicology, fingerprint analysis and others.

0418 MICROBIOLOGY

(1/2 Year—1/2 Credit R)

5 per. Weekly

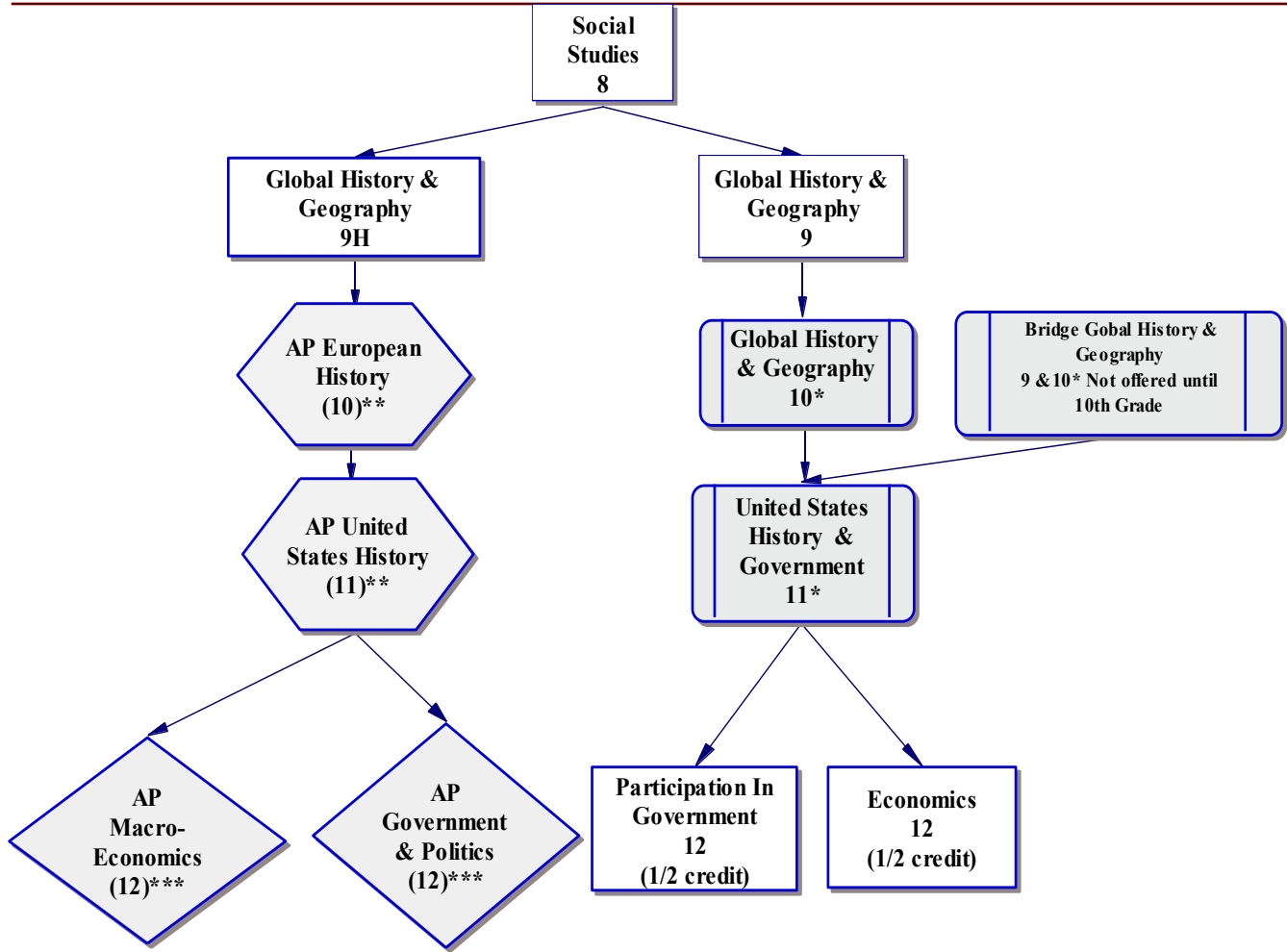
Microbiology will be primarily a laboratory oriented course. The course will include the study of mold, yeasts, algae and protozoans, but the major emphasis will be on the study of bacteria. This will include bacteria from different sources. Emphasis will be placed on microbial morphology, physiology, microbial genetics, virology and basic immunology. The relationship between disease and disease-producing organisms in our world will be discussed. Direct application of microbiology will be studied. This course will be valuable for those planning to enter health services and other related fields of study.

0438 ANATOMY AND PHYSIOLOGY

(1/2 Year—1/2 Credit R)

5 per. Weekly

This course is to provide students with a firm understanding of the fundamental anatomical terms and structures. This class aims to provide students opportunities to explore independently how the body functions as a unit.



Electives
 Please see pages 15-19 for a full list of Social Studies Electives.
 Not all courses are offered every year
Academic Support Classes
 Global History & Geography 10 AIS
 United States History & Government AIS
Regents Prep Courses
 Applied Global History & Geography
 Applied US History & Government

* Course culminates with a Regents Exam
 ** Course culminates with a Regents and AP Exam
 *** Course culminates with an AP Exam

GRADUATION REQUIREMENTS FOR SOCIAL STUDIES
 4 Course Credits
 &
 2 Regents Exams
 Global History and Geography Regents Exam (June 10th Grade)
 US History and Government Regents Exam (June of 11th Grade)

DEPARTMENT OBJECTIVES: As members of an ever-changing world, nation and community, our students have witnessed the hopes and fears of the modern age. As such, students at Deer Park High School need to cultivate deeper understandings of our nation's role in this world and appreciate their responsibilities in our community.

The primary objective of social studies instruction is to sensitize students to the multiple viewpoints and historical antecedents which explain the events of our day. It is also understood that history is the school of democracy. Therefore, learning the past will help inform our students of their responsibility to preserve what is great about our nation and world.

In our core courses and electives, students are constantly exposed to essential questions that permeate time and place. The issues, centering on the human experience, are grounded in a thorough study of the facts by means of analysis and interpretation. Research is also a central component to the four years of social studies courses that all students are required to satisfactorily complete for graduation.

NOTE: Please read the honors/AP requirements in the Guidance section of this book.

COURSE OFFERINGS

- GLOBAL HISTORY & GEOGRAPHY 9 REGENTS
- WORLD HISTORY PRE-AP 9
- GLOBAL HISTORY & GEOGRAPHY 10 REGENTS
- GLOBAL HISTORY & GEOGRAPHY 10 HONORS
- US HISTORY & GOVERNMENT REGENTS
- ADVANCED PLACEMENT US HISTORY
- ECONOMICS
- PARTICIPATION IN GOVERNMENT
- ADVANCED PLACEMENT GOVERNMENT & POLITICS
- ADVANCED PLACEMENT MACROECONOMICS
- GLOBAL HISTORY & GEOGRAPHY 10 AIS
- UNITED STATES HISTORY & GOVERNMENT AIS
- APPLIED GLOBAL HISTORY
- APPLIED US HISTORY

ELECTIVE COURSES

- ADVANCED PLACEMENT PSYCHOLOGY
- ABNORMAL PSYCHOLOGY I
- ABNORMAL PSYCHOLOGY II
- CRIMINAL JUSTICE
- CONSTITUTIONAL LAW
- PSYCHOLOGY
- PSYCHOLOGY I
- ADVANCED PLACEMENT PSYCHOLOGY
- HISTORY THROUGH MULTIMEDIA – WORLD
- HISTORY THROUGH MULTIMEDIA –US
- IMPACT OF SPORTS IN HISTORY
- ADVANCED PLACEMENT EUROPEAN HISTORY

0239 GLOBAL HISTORY & GEOGRAPHY 9 REGENTS

(1 Year -1 Credit R)

5 per. weekly

Students will study Global history from pre-history to the Commercial Revolution. Students will complete thematic essays and Document based Questions (DBQs), as part of their preparation for the Regents exam in Global History and Geography, which students take at the end of their sophomore year.

0203 WORLD HISTORY PRE-AP 9

(1 Year -1 Credit H)

5 per. weekly

This course is the first half of the World History AP Course. Students will take World History AP in the 5th sophomore year. At the conclusion of the World History AP Course, in their sophomore year, students will be required to take the World History AP Exam. Students will study World History from prehistory to the Commercial Revolution. An emphasis will be placed on the development of students' critical analysis and writing skills. Students will complete thematic essays and document-based questions as part of their preparation for the World History AP Exam and Global History and Geography Regents, which they will take at the end of their sophomore year.

0240 GLOBAL HISTORY & GEOGRAPHY 10 REGENTS

(1 Year- 1 Credit R) 5 per. weekly

Prerequisite: Successful completion of Grade 9 Global History Regents

This half of the course covers Global History from 1750 until the present. The 10th grade course focuses on modern historical eras, and primary source documents. Students will be required to take the Global History Regents which mandates: thematic writing, constructed responses, and document based historical questions. A cumulative mid-term is administered in January. *The mandated Regents exam required at the end of the course will be used as the final for the course.*

0206 GLOBAL HISTORY & GEOGRAPHY 10 HONORS

(1 Year- 1 Credit H) 5 per. weekly

Prerequisite: Successful completion of Grade 9 Global History Honors.

This half of the course covers Global History from 1750 until the present. The 10th grade course focuses on modern historical eras, and primary source documents. Students will be required to take the Global History Regents which mandates: thematic writing, constructed responses, and document based historical questions. A cumulative mid-term is administered in January. *The mandated Regents exam required at the end of the course will be used as the final for the course. This course will run in 2009-2010 only.*

0224 GLOBAL HISTORY & GEOGRAPHY 10 AIS (1 Year -0 Credit G) 5 per. weekly

This course focuses on instruction in reading, vocabulary development, and writing in the Social Studies context. It is designed for students whose skills require strengthening in order to meet the requirements of the new state assessments. This class is in addition to regularly scheduled Social Studies classes.

0910 APPLIED GLOBAL HISTORY & GEOGRAPHY

(1/2 year -1/2 Credit G) 5 Per. weekly

This course is designed to assist students who were unsuccessful in their initial attempt(s) to earn a passing grade on the Global History Regents. This course will concentrate on reviewing the curriculum, Social Studies skills and writing skills necessary for a successful performance on this New York State Exam.

0241 UNITED STATES HISTORY & GOVERNMENT REGENTS

(1 Year -1 Credit R) 5 per. weekly

Prerequisite: Successful completion of 10th grade Global History or the Global History 9 & 10 course

This is a survey course in the history of the United States. The emphasis will be on the government of the U.S. and the Constitutional foundations. Constitutional and legal issues will be explored in depth, as will be the problems of our industrial society in an increasingly complex and technology-oriented world. The essential question: "What is the American Dream and have we fulfilled it as a nation?" is central to the course and allows for interdisciplinary connections with the curriculum in English 11. The United States History and Government Regents will be the final exam in the course.

0220 ADVANCED PLACEMENT US HISTORY

(1 Year -1 Credit C) 5 per. week

Prerequisite: Successful completion of AP European History.

The Advanced Placement course in American History is designed to give interested and able students the opportunity to study American history in depth. A college textbook is used to provide the background necessary for the student. In addition, the student is required to examine primary and secondary documents, as well as conflicting interpretations of history. A full length, AP-style mid-term is administered in January. Students must sit for the Advanced Placement United States and Government examination which affords the opportunity to receive college credit with a qualifying mark. Students will also be required to take the United States History and Government Regents as their final exam in the course. A summer reading assignment is strongly encouraged.

0235 UNITED STATES HISTORY & GOVERNMENT 11 AIS

(1 Year -0 Credit G) 5 per. weekly

This course focuses on instruction in reading, vocabulary development, and writing in the Social Studies context. It is designed for students whose skills require strengthening in order to meet the requirements of the new State assessments. This class is in addition to regularly scheduled Social Studies classes.

9911 APPLIED US HISTORY & GOVERNMENT (1/2 year -1/2 Credit N) 5 Per. weekly

This course is designed to assist students who were unsuccessful in their initial attempt(s) to earn a passing grade on the US History & Government Regents. This course will concentrate on reviewing the curriculum, Social Studies skills and writing skills necessary for a successful performance on this New York State Exam.

12TH GRADE SOCIAL STUDIES:

Students must take a 1/2 credit of Economics and a 1/2 credit of Participation in Government, both are required for graduation.

0214 ECONOMICS (1/2 Year -1/2 Credit R) 5 per. weekly Offered to: Grade 12 Only Fall and Spring Semesters

This course will introduce the basic concepts of economic theory to all students. Areas of study include: Introduction to Economics and Economic Systems; elements of the Economy (Microeconomics); understanding the natural economy (Macroeconomics); and issues in the US and World Economies. A final exam and several "real-world" projects are part of this course. This course satisfies the 1/2 credit senior mandated requirement in Economics.

0238 ADVANCED PLACEMENT MACROECONOMICS (1 Year -1/2 Credit C) Alternating Days Offered to: Grade 12 only

Prerequisite: Successful completion of AP U.S. History.

This course includes an introduction to Economic Theory, and the course studies Business Structure and economics at the individual and societal level. It is for all college-bound seniors with special interest in Business, Accounting, Finance, Banking and Prelaw. Students who enroll in this course must also meet one semester requirement in Participation in Government and must also take the Advanced Placement Exam in Microeconomics in the Spring of that school year. It is highly recommended that a student be proficient in mathematical computations to understand the underlying economic principles that are inherent in this course. This course satisfies the 1/2 credit senior mandated requirement in Economics.

0212 PARTICIPATION IN GOVERNMENT (1/2 Year -1/2 Credit R) 5 per. weekly Offered to: Grade 12 Only Fall and Spring Semesters

This course focuses on the formation of effective public policy. Students are taught skills of decision making and problem solving in the context of evaluating real issues confronting the communities in which the students live. Central to this course is the manner in which decisions are arrived through involvement of individuals as participating citizens. Another area studied is how citizen influence can be used in policy making at various levels of government. Emphasis will be on real-world issues that are in line with content standards and course assessments. Students are required to participate in government on the local level by attending and summarizing local government meetings. This course satisfies the 1/2 credit senior mandated requirement in Participation in Government.

0215 ADVANCED PLACEMENT GOVERNMENT & POLITICS

**(1 Year -1/2 Credit C) Alternating Days
Offered to: Grade 12 Only**

Prerequisite: Successful completion of AP U.S. History.

AP Government and Politics examines the following six major areas of study: Constitutional influences on the U.S. Government, political beliefs and behavior; the functioning of political parties, the rules of the three branches of the U.S. Government, public policy, and civil liberties and civil rights. This course offers students an opportunity to achieve college credit and study politics on a more challenging level. Students must sit for the AP Exam on Government and Politics. This course does not exempt a student from taking the N.Y.S. mandated course in Economics.

ELECTIVES

0213 AP PSYCHOLOGY (1 Year -1 Credit C) 5 per. Weekly

Prerequisite: Successful completion of AP European History or United States History 11 Regents.

This course is the equivalent of an entry level college Psychology course. Students must sit for the Advanced Placement Psychology exam administered by the College Board in May. Colleges have the option of awarding college credit based on the student's AP exam grade.

0222 ADVANCED PLACEMENT EUROPEAN HISTORY

(1 Year -1 Credit c) 5 per. weekly

Prerequisite: Successful completion of United States History 11 Regents.

The Advanced Placement course in World History is designed to give interested and able students the opportunity to study history in depth. A college textbook is used to provide the background necessary for the student. In addition, the student is required to examine primary and secondary source documents, and explore trends over time and place, as well as conflicting interpretations of history. A full length, AP-style midterm is administered in January. Students must sit for the Advanced Placement European History exam. A summer reading assignment is strongly encouraged.

0217 CRIMINAL JUSTICE

(1/2 Year -1/2 Credit R) 5 per. weekly

0246 CRIMINAL JUSTICE

(1 Year -1/2 Credit R) Alternating Days

Offered to: Grades: 11-12 only

This course focuses on the law and criminal justice system in the United States. It analyzes the impact of our legal system on our lives, and how the courts deal with crime and punishment.

0218 PSYCHOLOGY

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 11-12 only

This course is a basic introduction to Psychology, covering such areas as personality, learning, deviance, and various psychological theories.

0228 CONSTITUTIONAL LAW

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades: 11-12 only

This course will focus on contemporary criminal and civil legal issues related to the Constitution. Case studies relevant to the students, and mock trials will highlight this course.

ABNORMAL PSYCHOLOGY I

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 11-12 only

This course will focus on specific abnormal and psychotic behaviors, such as: schizophrenia, depression, multiple personalities, eating, anxiety and childhood disorders.

0230 ABNORMAL PSYCHOLOGY II

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades 11-12 only

Prerequisite: Abnormal Psychology 1 or permission of instructor

This course will focus on anxiety, mood, social, psychotic and developmental disorders: as well as mental health and the law. Topic will include: phobias, depression, dementia, alcoholism, sexual and gender identity, and criminal responsibility.

0250 IMPACT OF SPORTS IN HISTORY

(1/2 Year -1/2 Credit R) Alternating Days

Offered to: Grades: 11-12 only

This course will provide students with an overall view of the impact of sports throughout history, beginning with the emergence of the Olympics in Greece and continuing through the 21st century. Focus topics will include discrimination in sports, Title IX cases, the economics of sports among others. Various source materials would include documentaries, Internet research, print materials. Students will engage in research projects, discussion and debate on the focus topics.

0244 HISTORY THROUGH MULTIMEDIA WORLD

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades: 10-11-12 only

This course will focus on the study of various historical events, eras, issues, and personalities in World History as depicted through the film and literature of the twentieth and twenty-first centuries. Students will be required to give critical reviews of the medium presented, based on their knowledge of the historical period involved.

0245 HISTORY THROUGH MULTIMEDIA - US

(1/2 Year -1/2 Credit R) 5 per. weekly

Offered to: Grades: 11 & 12

This course will focus on the study of various historical events, eras, issues, and personalities in United States History as depicted through the film and literature of the twentieth and twenty-first centuries. Students will be required to give critical reviews of the medium presented, based on their knowledge of the historical period involved.

DEPARTMENT OBJECTIVES: The Technology courses offer a wide range of experiences to prepare students to deal with our technological society. The courses introduce the basic skills develop an understanding of how technology is used in industry and business. All courses are offered to grades 9-12 except where noted.

COURSE OFFERINGS

- **ELECTRICITY/ELECTRONICS I**
- **METAL PROCESSING**
- **COMPUTER AIDED DESIGN & DRAWING (CADD I)**
- **COMPUTER AIDED DESIGN & DRAWING II (CADD II)**
- **ARCHITECTURAL DRAWING**
- **WOOD PRODUCTION**
- **PRINCIPLES OF ENGINEERING**
- **ROBOTICS**
- **COMPUTER ANIMATION**
- **WORLD OF TECHNOLOGY**
- **MECHATRONICS**

1008 ELECTRICITY/ELECTRONICS I

(1/2 Year -1/2 Credit NR) 5 per. weekly

This course is designed to introduce students to electronics and electricity. Students will study electricity, through building a table lamp, and engaging in house wiring assignments on a free standing house wall. Students will also study electronics using E.I. "Mr. Circuit I" Electronic Discovery Lab. Students learn soldering skills and electronic components identification while assembling a number of electronic kits.

1004 METAL PROCESSING

(1/2 Year -1/2 Credit NR) 5 per. weekly

Students will learn how to shape metal using various power equipment and hand tools. They will engage in assignments in sheet metal, wrought iron (scroll), spot welding, brazing, welding and machine processes.

1011 COMPUTER AIDED DESIGN & DRAWING (CADD I)

(1/2 Year -1/2 Credit NR) 5 per. weekly

Students will learn AutoCAD LT 2000 (a version of the Industry Standard, AutoCAD 2000) in a brand new computer lab. Introduction to Mechanical, Technical, and Architectural drawing will be covered.

1038 COMPUTER AIDED DESIGN & DRAWING II (CADD II)

(1/2 Year -1/2 Credit NR) 5 per. weekly

Prerequisite: CADD I Students will continue to learn AutoCAD LT 2000 and be introduced to Solid Works. Solid Works is a 3D CAD program with animation capabilities

1013 ARCHITECTURAL DRAWING

(1 Year -1 Credit NR) 5 per. weekly

Students will learn how to use AutoCAD Lt to draw floor plans, elevations and architectural details. Basic residential wood frame construction will be reviewed through drawings and model construction. If you are thinking of becoming an architect, you should take this class.

1026 WOOD PRODUCTION

(1/2 Year -1/2 Credit NR) 5 per. weekly

Students will learn how to use woodworking power equipment, i.e.: arm saw, table saw, jointer, drill press, planner, and lathe. In addition, students will learn various wood working and wood turning skills and techniques by designing and building individual items, i.e.: CD racks, trophy case, clocks and an Adirondack Chair.

1033 PRINCIPLES OF ENGINEERING

(1 Year -1 Credit NR) 5 per. weekly

Offered to Grades 10-11-12

If the student wishes to pursue a career in the Engineering field this class is a good introduction. It approaches the subject matter as an Engineer would and the "hands-on" projects consist of case studies dealing with automobile safety, energy, ergonomics and robotics. The class should be considered a "hand-on" physics class. **This course can be used as the third year (credit) for Math or Science toward graduation.**

1030 ROBOTICS

(1/2 Year -1/2 Credit NR)

5 per. weekly

Students will be introduced to robotics through hands on activities. They will explore pneumatics, hydraulics and computer programming with Lego kits. The students will learn electronic component identification and soldering skills with the assembly of various robotic kits.

1064 COMPUTER GRAPHICS (ANIMATION)

(1/2 Year -1/2 Credit NR)

5 per. weekly

Students will receive a strong working knowledge in both 2D and 3D animation. Foundations in this course are the principles of design, technology, studio practice and a portfolio combined with an expertise in advanced computer hardware, technology and software. Drawing, painting and story development are essential aspects of the curriculum. Computer graphics is a production based curriculum. Students will produce portfolio quality work.

1036 WORLD OF TECHNOLOGY

(1 Year -1 Credit NR)

5 per. weekly

Offered to Grades 10, 11 &12

This course is designed to help students learn how math, science, and technology are related, and important in our daily lives. It covers four basic areas: Technology in Society, Information Systems, Physical Systems and Biological and Chemical Systems. **This course can be used as the third year (credit) for Math or Science toward graduation.**

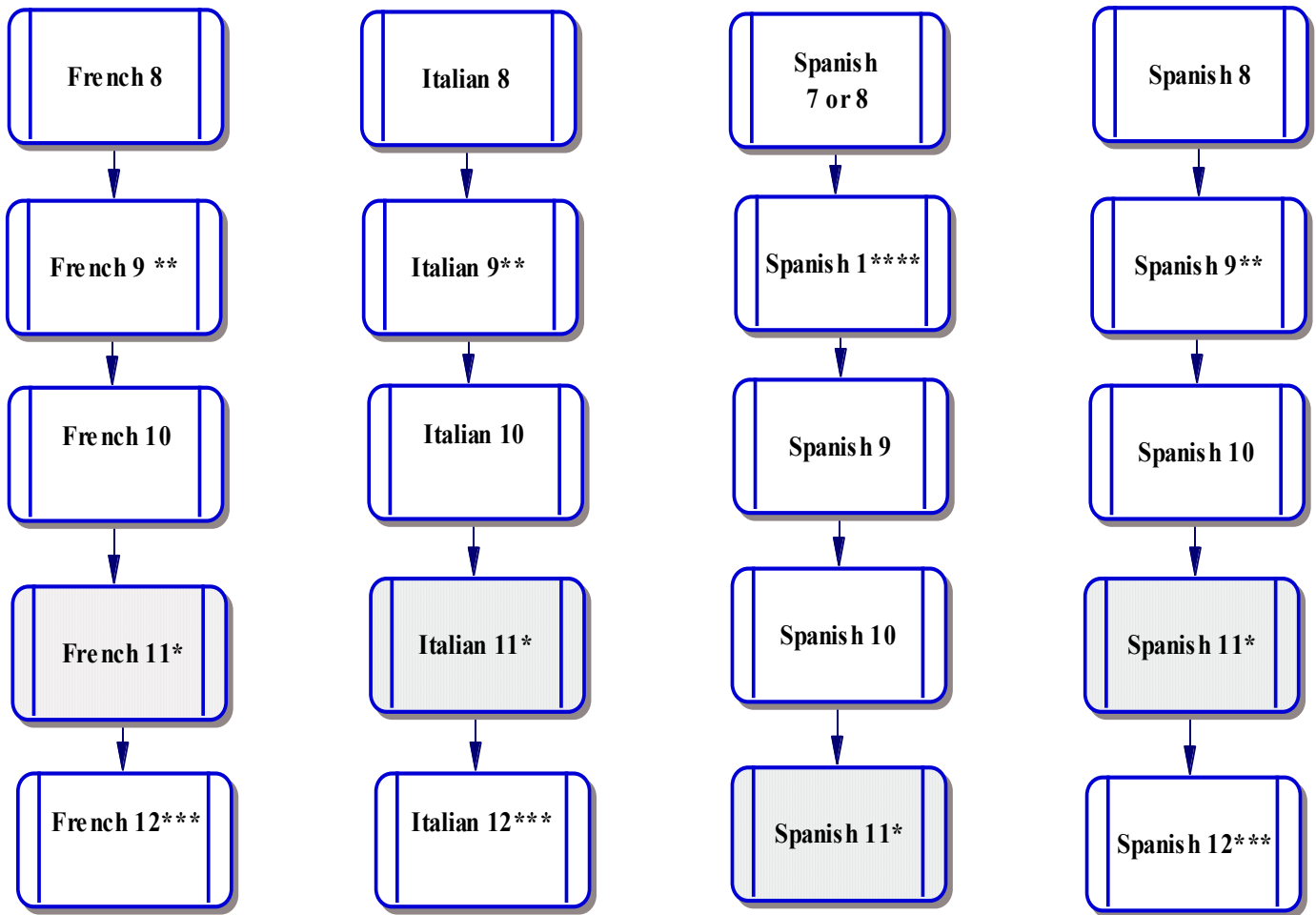
1015 MECHATRONIC

(1 Year- 1 Credit NR)

5 per. Weekly

Offered to grades 10, 11 & 12

This course will take you through three modules. Students will learn basic math skills and shop math that a person should have before entering the work force or any engineering program. Hands-on activities to promote group problem solving and communications skills. Students will learn Milling and Lathe skills as well as work on-line with the virtual CNC milling machine. Students will have access to the Suffolk Community College Mechatronic machinery. Student may complete the Mechatronic program in their senior year by participating in the Suffolk Community College Collegiate Institute.



*** Course culminates with a Regents Exam**

**** Track for students entering with prior seat time in the language. Prerequisite for this track is Grade 8 language and the passing of the NYS Proficiency Exam in Language.**

***** Students enrolled in this course must have passed the regents exam with a minimum score of 65.**

****** Track for new students, students who have not taken the NYS Proficiency Exam in Language or have had less than 2 years of language study. Special situations will be reviewed by the Director of World Languages.**

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LOTE Graduation Requirements

1 Course Credit - Regents Diploma

3 Course Credits - Regents Diploma with Advanced Distinction

1 Regents Exam - Regents Diploma with Advanced Distinction

Path I: New Language

Enrollment Criteria:

Enter Grade 9 with less than two (2) years prior language study.

OR

A new entrant to the district with no previous language study.

Sequence: Spanish I, Spanish 9, Spanish 10, and Spanish 11.

Special Options:

Take Comprehensive Spanish Regents in Grade 12.

Path II: Spanish

Enrollment Criteria:

Enter Grade 9 with two (2) years prior Spanish Language study and a passing grade on the NYS Proficiency Exam in Spanish;

Sequence: Spanish 9, Spanish 10, Spanish 11*, College Level Spanish Grade 12.

***Comprehensive Spanish Regents required in June.**

Special Options:

1. A student may “test out” in January of their junior year by taking the Comprehensive Spanish Regents five months early. Students must have a minimum overall average of 90 over 2½ years of study in Spanish, complete a required project, and score at least an 85 or higher on the Regents.

Spanish for College Credit in Grade 12 is offered as part of an extension program through St. John’s University.

Path III: Italian

Enrollment Criteria:

Enter Grade 9 with two (2) years prior Italian Language study and the passing of the NYS Proficiency Examination in Italian;

Sequence: Italian 9, Italian 10, Italian 11*, College Level Italian Grade 12.

*Comprehensive Italian Regents required in June

Special Options:

1. Italian for College Credit in Grade 12 is offered is offered as part of an extension program through St. John’s University.

Path IV: French

Enrollment Criteria:

Enter Grade 9 with two (2) years prior French Language study and the passing of the NYS Proficiency Examination in French;

Sequence: French 9, French 10, French 11*, College Level French Grade 12.

*Comprehensive French Regents required in June

Special Options:

1. French for College Credit in Grade is offered as part of an extension program through St. John’s University. World Languages are increasingly important in our shrinking world. Not only are they useful in a variety of career fields, but also help to break down barriers in communication. In today’s multi-ethnic society, it is more important than ever to be able to converse with those who do not speak our own language. The study of a Language other than English promotes a better understanding of the world in which we live.

*Path for new students, students with insufficient seat time, students who have been unsuccessful on the New York State Proficiency Examination and Grade 8 language class. The Director of World Languages will review special situations.

**Path for students entering with prior seat time in the language.

DEPARTMENT OBJECTIVES: World Languages are increasingly important in our shrinking world. Not only are they useful in a variety of career fields, but also help to break down barriers in communication. In today's multi-ethnic society, it is more important than ever to be able to converse with those who do not speak our own language. The study of languages other than English promotes a better understanding of ourselves and the world in which we live.

The Foreign Language study starts in grade seven in French, Italian and Spanish. Students receive one unit of credit upon successful completion of Checkpoint A in grade eight, after taking and passing the New York State Proficiency Examination. At the high school level, the Foreign Language Department offers programs in French, Italian and Spanish. Students who wish to obtain a Regents Diploma with an Advanced Designation must complete a three-year Foreign Language sequence (Checkpoint B) and pass the Regents Exam. Students may enroll in Foreign Language courses at the Checkpoint C level in French, Italian and Spanish. In these advanced courses, eligible seniors can obtain college credit by taking the Foreign Language College course and by paying a fee to St. Johns University. Each year high-performing students are inducted in the National French, Italian and Spanish Honor Societies. Through the National Honor Societies, students are exposed to the cultural aspects of the languages they study and have the opportunity to participate in service activities.

COURSE OFFERINGS

- FRENCH
- FRENCH 9
- FRENCH 10
- ADVANCED FRENCH 11
- COLLEGE FRENCH 12 ITALIAN
- ITALIAN 9
- ITALIAN 10
- ADVANCED ITALIAN 11
- COLLEGE ITALIAN 12 SPANISH
- SPANISH 1
- SPANISH 9
- SPANISH 10
- ADVANCED SPANISH 11
- COLLEGE SPANISH 12

0505 ITALIAN 9

(1 Year -1 Credit-R)

Grade 9

Pre-requisite: Italian 8 and the passing of the NYS Proficiency Exam

This course advances the student from Checkpoint A to Checkpoint B of the required New York State level of proficiency. Less emphasis is placed on imitation of sound patterns as students become more involved with spontaneous speaking patterns. Writing patterns are more advanced. Reading selections serve as an aid to the students as they become more aware of contrasting customs and patterns. Listening and speaking skills are also stressed.

0506 ITALIAN 10

(1 Year -1 Credit-R)

Grade 10

Pre-requisite: Italian 9

This is a sequential course in Italian leading to Regents Credit. Emphasis is placed on listening, speaking, reading and writing skills in Italian involving everyday communicative situations.

0507 ADVANCED ITALIAN 11

(1 Year-1 Credit-R)

Grade 11

Pre-requisite: Italian 10

Emphasis is placed on communication skills in Italian. Intensive instruction is provided in advanced listening, speaking, reading and writing skills. **Students are required to take the Comprehensive Regents Examination in Italian at the end of the year.**

0508 College Level Italian 12

(1 Year -1 Credit-C)

Grade 12

Up to 6 College Credits*

Pre-requisite: Italian 11 and passing grade on Italian Regents examination.

Students enrolled in this high school course, may earn up to six (6) college credits in Italian through St. John's University. Students who wish to earn college credit, must meet St. John's University's criteria and pay a fee to the university*. Emphasis is placed on practical conversation, culture and literature. A minimum score of 1000 on the PSAT/SAT, as well as, a minimum final average of 80 across five academic subjects, (85 for juniors enrolled), is required for those students who wish to earn college credit in this course.

0511 SPANISH I

(1 Year - 1 Credit-R) All Grade Levels

This is a beginning course in Spanish with emphasis on speaking, listening, reading and writing skills. This is the first course of a Regents credit sequence culminating in the Regents examination in Grade 12 for those students who are seeking languages other than English credit toward a Regents diploma. Students **with no prior study** of a language other than English or those who **failed a Level 1-language course and or NYS Proficiency** are eligible for this class.

0509 SPANISH 9

(1 Year-1 Credit-R) Grade 9

Pre-requisite: Spanish 8 the passing of the NYS Proficiency Exam.

This course advances the student from checkpoint A to Checkpoint B of the required New York State level of proficiency. Less emphasis is placed on imitation of sound patterns as students become more involved with spontaneous speaking patterns. Writing patterns are more advanced. Reading selections serve as an aid to the students as they become more aware of contrasting customs and patterns. Listening and speaking skills are also stressed.

0515 SPANISH 10

(1 Year-1 Credit-R) Grade 10

Pre-requisite: Spanish 9

This is a sequential course in Spanish leading to Regents credit. Emphasis is placed on listening, speaking, reading and writing skills in Spanish involving everyday communicative situations.

0516 ADVANCED SPANISH 11

(1 Year-1 Credit-R) Grade 11

Pre-requisite: Spanish 10

Emphasis is placed on communication skills in Spanish. Intensive instruction is provided in advanced listening, speaking, reading and writing skills. **Students are required to take the Comprehensive Regents Examination in Spanish in June**; eligible students may "test out" early in January.

0517 College Level Spanish 12

(1Year-1 Credit-C) Grade 12
Up to 6 College Credits* *Pre*

-requisite: Spanish 11 and passing grade on Spanish Regents examination. Students

enrolled in this high school course, may earn up to six (6) college credits in Spanish through St. John's University. Students who wish to earn college credit, must meet St. John's University's criteria and pay a fee to the university*. Emphasis is placed on practical conversation, culture and literature. A minimum score of 1000 on the PSAT/SAT, as well as, a minimum final average of 80 across five academic subjects, (85 for juniors enrolled), is required for those students who wish to earn college credit in this course.

0501 FRENCH 9

(1 Year-1Credit-R) Grade 9

Pre-requisite: French 8 the passing of the NYS Proficiency Exam.

This course advances the student in French from Checkpoint A to Checkpoint B of the required New York State level of proficiency. Less emphasis is placed on the imitation of sound patterns as students become more involved with spontaneous speaking patterns. Writing patterns are more advanced and listening skills are stressed. Reading selections serve as an aid to students as they become more aware of contrasting cultural customs and patterns.

0519 FRENCH 10

(1 Year-1Credit-R) Grade 10

Pre-requisite: French 9

This is a sequential course in French leading to Regents credit. Emphasis is placed on listening, speaking, reading and writing skills in French involving everyday communicative situations.

0525 ADVANCED FRENCH 11

(1 Year-1 credit-R)

Grade 11

Pre-requisite: French 10

Emphasis is placed on communication skills in French. Intensive instruction is provided in advanced listening, speaking, reading and writing skills. **Students are required to take the Comprehensive Regents Examination in French at the end of the year.**

0560 College Level French 12

(1 Year –1Credit-C)

Grade 12

Up to 6 College Credits*

Pre-requisite: French 11 and passing grade on French Regents examination.

Students enrolled in this high school course, may earn up to six (6) college credits in French through St. John's University. Students who wish to earn college credit, must meet St. John's University's criteria and pay a fee to the university*. Emphasis is placed on practical conversation, culture and literature. A minimum score of 1000 on the PSAT/SAT, as well as, a minimum final average of 80 across five academic subjects, (85 for juniors enrolled), is required for those students who wish to earn college credit in this course

This state and federally mandated program, provides intensive English language skills to non-English speaking students, using ESL methodologies and learning strategies. The ESL teachers incorporate all of the language arts modalities which consist of: listening, speaking, reading and writing. These classes not only teach English Language Arts, but also teach English through the content area. Students in this program must take the NYSESLAT, which is administered in April and May of each year. This examination is used to test a student’s English language learning progress and also provides information concerning the students English language proficiency level. The only method in which a child may exit from the ESL program, is by testing at the proficient level on the NYSESLAT. The number of ESL classes a student receives, is determined by his/her placement level as provided by either the LAB-R or NYSESLAT. Students may receive one, two or up to three ESL courses at the high school level. Students will receive one high school credit in English for this course.

Initial Identification and Placement

Newly-registered students, who have indicated that a language other than English is spoken at home on their Home Language Questionnaire (HLQ), shall be screened by an ESL teacher. The initial screening consists of an informal interview and the administration of the New York State LAB-R examination. The test is used only once, at the time of registration in any school district in New York State. After this, the ELLs will be tested for English language development using the NYSESLAT.

**The different levels of English language development as per the NYSESLAT are:
Beginning, Intermediate, Advanced and Proficient.**

In order to be placed at a level, ELLs must score the same on the L&S (Listening and Speaking) and R&W (Reading and Writing) sections of the NYSESLAT. If the student scores differently at these two levels, they will be placed at the level where they scored the lowest. The NYSESLAT must be taken each year until the student tests proficient.

Units of Credit Awarded to LEP/ELLs Entering High School in Grades 9 and

Proficiency Levels 9-12	Required Units of Study for Grades 9-12(CR Part 154) Units of Credit Awarded in ESL, ELA, Core & Electives			
	ESL Elective Credits	ELA	Core Credits	
Beginning	3	-	1	2
Intermediate	2	-	1	1
Advanced	1	1	2	-
Proficient	-	1	1	-

VOCATIONAL EDUCATION

301 Wilson Tech General Occupational Education	A.M.	GRADES 11 & 12
1302 Wilson Tech General Occupational Education	P.M.	GRADES 11 & 12
1303 Wilson Tech General Occupational Education	A.M.	GRADES 11 & 12 4 Credits
1304 Wilson Tech General Occupational Education	P.M.	GRADES 11 & 12 4 Credits

Deer Park High School offers to its students an opportunity to attend the Lewis A. Wilson Technological Center for occupational training in specific areas of interest. The purpose of occupational education is to provide learning experiences in which all students become aware of a broad spectrum of occupations, and develop skills that are adaptable to personal and career roles and for entry into employment and/or postsecondary studies.

This training could cost a student many thousands of dollars at a private school. Deer Park pays supplemental tuition to Western Suffolk BOCES over and above the normal costs of educating a student in the high school. **Once a student graduates high school with a diploma, she/he may continue at the family's expense.**

Those students approved for such training must meet the criteria of career goal choice, aptitude and attendance record. They must be committed to a longer school day in order to be able to fulfill all graduation requirements and must accept either A.M. or P.M. session at Wilson Tech. Session selection is made by Wilson Tech. and is based solely upon scheduling priorities and course availability at Wilson Tech.

The choice of a Wilson Tech. commitment can be most influential upon the youngster's life and should not be made without deep thought and consideration of the alternatives. Student may earn either a Regents or local diploma. It is the responsibility of both students and their parents to investigate their options carefully before making this decision.

To assist you in this decision making process, the High School Guidance & Counseling Center will sponsor a special assembly to acquaint all sophomores with opportunities at Wilson Tech. A parent information night is also scheduled early in the Spring at Wilson Tech. The application deadline is February 28, 2009. The areas of study offered at Wilson Tech. are listed below. Generally, the two year courses are four credits each year. One year programs are designated (*).

NOTE: Seniors continuing in 2 year programs after graduation will be responsible for all tuition charges.

<u>TRANSPORTATION OCCUPATIONS</u>	<u>CONSTRUCTION OCCUPATIONS</u>	<u>TECHNICAL OCCUPATIONS</u>
Automotive Technology	Carpentry	Technical Electronics
Auto Body Repair	Construction Electricity	Computer Science
Aircraft Maintenance Technology	Drafting/Computer	Computer Networking
Aviation Science/Flight	Aided Design (CAD)	
Outdoor Power Equipment/Technology	Heating A/C & Ventilation	
	Welding	
<u>SERVICE OCCUPATIONS</u>	<u>HEALTH OCCUPATIONS</u>	<u>GRAPHICS AND MEDIA</u>
Cosmetology	Professional Health Careers*	Advertising Art
Culinary Arts	Nurse Assisting*	Printing
Computer Information/Technology	Medical Laboratory Assisting	Photography/
Design	Medical Assisting	Video Production
Early Childhood Education & Care		
Fashion Merchandising/Floral Arts		
Equestrian Studies/Horse Care		
Horticulture & Landscaping		
Police Science & Law		
Veterinary Assisting		

CENTRAL ADMINISTRATION

Elizabeth Marino, Superintendent
Eva Demyen, Deputy Superintendent, Curriculum, Instruction, & Professional Development
Frank Caliguiri, Assistant Superintendent, Pupil Personnel Services
Marguerite Jimenez, Assistant Superintendent, Business & Operations

BOARD OF EDUCATION

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John Gouskos, Vice-President
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Keith Rooney, Trustee
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Frank Wilkinson, Trustee
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HIGH SCHOOL ADMINISTRATION

James Cummings, Principal
Kimberly Johnston, Associate Principal, Curriculum, Instruction, & Assessment
Gary Ramonetti, Associate Principal, Operations & Pupil Personnel Services

CURRICULUM ASSOCIATES & DIRECTORS

Anthony Amesti, Director, Athletics
Jeff Dailey, Director, Fine & Performing Arts
Edward Kemnitzner, Curriculum Associate, English Language Arts
Randi Medeiros, Director, Special Education
Gina Palasciano, Director, Foreign Language & ESL