

# *Lindenhurst High School*



## *Course Offerings*

*2020 - 2021*



## LINDENHURST UNION FREE SCHOOL DISTRICT

Lindenhurst High School . 300 Charles Street . Lindenhurst, N.Y. 11757  
Tel: 631-867-3700 Fax: 631-867-3708

Dr. Candice Brodie  
*Principal*

Matthew Boccanfuso  
James Campbell  
Linda Flannelly

Dr. Daniel Noviello  
Nancy Scaccia  
*Assistant Principals*

Dear Lindenhurst Students and Parents:

Your time in high school should be time spent exploring that about which you are passionate. This includes taking classes that challenge you, classes that help you decide what you would like to pursue post-graduation, and classes that give you the tools for whatever that may be. To that end, it is important that you consider your options carefully in planning your program for next year. This Course Offering Book will assist you in that with course descriptions and pathways of study.

Before planning your program, read the course descriptions and requirements, speak with your teachers and counselor, and sit with your parents and let them know what you are thinking and consider their input. The scheduling process will be as follows:

- Students will meet with counselors in a small group session to discuss the course offerings and graduation requirements.
- You will meet individually with your counselor to discuss your progress toward graduation and your program for the next school year.
- You will receive a list of the classes you have chosen for the 2020-2021 school year, in the spring

**Please be thoughtful about your choices as there will be a deadline for making any changes.**

If you have any questions, please see your counselor. I wish you much success in all you choose to do!

Sincerely,

Dr. Candice Brodie  
Principal

**Dear Students:**

**Lindenhurst Senior High School offers a broad selection of courses designed not only to fulfill your graduation requirements, but also to explore your interests and special talents. Course selection is an opportunity for you to decide which courses you may want to pursue and to discuss these choices with your parents, teachers, and counselors. This process is designed to help you to focus upon future educational and career goals.**

**This Course Offering Book will familiarize you with the courses offered at Lindenhurst Senior High School and the requirements for graduation prescribed by the New York State Education Department and your local school board. Our primary district goal is to prepare our students to be college and career ready upon graduation from the Lindenhurst Public Schools.**

**We encourage you to select a program that will provide a series of challenging experiences that will point to future success. Please read the course descriptions and pre-requisites carefully and further develop your decision-making skills by selecting courses that will benefit you now and later in life.**

**We look forward to working with you on your course selections. Best wishes for a successful school year!**

**Sincerely,**

***Andrea Judge***

**Andrea Judge, LMSW  
Coordinator of Guidance**

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## REGISTRATION NOTES

1. Be sure that you check the grade level and prerequisite for each course you select.
2. Be sure you have the teacher's recommendation, if required.
3. Use the “KEY” below to determine the level of courses you select. The symbol can be found next to the course title in the Course Offering Book.

### KEY:

- \*\* = Meets one credit graduation requirement in Art/Music
- + = Weighted Grades (1.05) Honors Level Course
- ± = Weighted Grades (1.075) College Level Course – College Tuition Fees Apply
- ++ = Weighted Grades (1.10) Advanced Placement Course

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### GENERAL INFORMATION

1. It is the student's and parent/guardian's responsibility to be aware of the grade status and to select, with the assistance of the counselor, an appropriate course sequence toward graduation. It cannot be too strongly emphasized that the minimum requirements for graduation from high school do not fulfill the minimum requirements for admission to all colleges or necessarily give the student a marketable skill. Early and continuing consultation with the student's guidance counselor is important in structuring a program in line with the individual student's abilities and future goals.
2. If a student fails any course(s), summer school should be considered. Generally a student has the opportunity to repeat two courses in summer school. Students with several failures jeopardize their opportunity to be classified at the next grade level and to ultimately graduate with their class.
3. **PROMOTION:**  
To be promoted to the next grade level, students must have earned:
  - a. GRADE 10 ... 5 UNITS
  - b. GRADE 11 ... 10 UNITS
  - c. GRADE 12 ... 15 UNITS

**Appointments to see counselors may be made with a secretary in the Guidance Office. Students are encouraged to make appointments in advance; however, students may always see a counselor if there is an emergency.**

### **GUIDANCE DEPARTMENT- SENIOR HIGH SCHOOL**

**The counselor assignments/phone numbers are:**

Ms. A. Judge .....867-3750 ..... COORDINATOR OF GUIDANCE  
Ms. Y. Bautista..... 867-3754 ..... ENL & O; D—Grs 10-12; L—Gr 9 only; R—Gr 9 only  
Ms. J. Carey .....867-3750 ..... X; L—Grs 10 & 12 only  
Ms. S. Cooperstein.....867-3750 ..... L—Gr 11 only - & Various Letters  
Ms. S. Heaney.....867-3750 ..... I, P, Q, T, U, V & Y; K—Gr 9 only  
Ms. L. Levy .....867-3750 ..... M & Mc; K—Grs 10-12 only  
Ms. A. Hocoluk.....867-3750 ..... S & Z; R—Grs 10 & 11 only  
Ms. A. Ricciardi .....867-3750 ..... C and G  
Mr. J. Rossillo .....867-3750 ..... E, F, H, N, W  
Mr. M. Ward .....867-3750..... A, B & J; D—Gr 9 & R—Gr 12 only  
Ms. C. Walsh .....867-3750.....The Lindenhurst Academy & Various Letters



### **GUIDANCE DEPARTMENT – MIDDLE SCHOOL**

**The counselor assignments/phone numbers for 8<sup>th</sup> graders are:**

Ms. A. Judge.....867-3550.....COORDINATOR OF GUIDANCE  
Ms. A. Kast.....867-3550.....8<sup>th</sup> Grade Special Education  
Ms. T. Harris . .....867-3550.....8<sup>th</sup> Grade

**LINDENHURST SENIOR HIGH SCHOOL**  
**Graduation Requirements**

**GRADUATION REQUIREMENTS – UNITS OF CREDIT**

<u>Diploma with Designation</u>	<u>Local Diploma &amp; Regents Diploma</u>	<u>Regents Advanced</u>
<b>ENGLISH</b>	<b>4 UNITS</b>	<b>4 UNITS</b>
<b>SOCIAL STUDIES</b>	<b>4 UNITS</b>	<b>4 UNITS</b>
<b>MATHEMATICS</b>	<b>3 UNITS(a)</b>	<b>3 UNITS (a)</b>
<b>SCIENCE</b>	<b>3 UNITS (a)</b>	<b>3 UNITS (a)</b>
<b>SECOND LANGUAGE (WORLD LANGUAGE)</b>	<b>1 UNIT</b>	<b>1 UNIT (b)</b>
<b>ART and/or MUSIC</b>	<b>1 UNIT</b>	<b>1 UNIT (b)</b>
<b>HEALTH PHYSICAL EDUCATION</b>	<b>1/2 UNIT</b>	<b>1/2 UNIT</b>
<b>Sequence Reqs. and/or Electives</b>	<b>2 UNITS</b>	<b>2 UNITS</b>
	<b>3 1/2 UNITS</b>	<b>4 1/2 UNITS (b)</b>
<b>TOTAL REQUIRED</b>	<b>22 UNITS</b>	<b>22 UNITS/23</b>

The total minimum number of credits required for graduation is 22.

**NOTATIONS:**

a = A commencement-level course in technology education may be used as the third unit of credit in science or mathematics, but not both.

b = To earn the advanced designation, a student must complete one of the following: a language other than English (3 units of credit); career/technical education (5 units of credit); or the arts (5 units of credit).

## GRADUATION REQUIREMENTS – EXAMINATIONS

*Must pass Regents exams as indicated below:  
(Passing Score = 65)\**

### REQUIRED

<u>Regents Exams</u> <u>Designation</u>	<u>**Local</u> <u>Diploma</u>	<u>Regents</u> <u>Diploma</u>	<u>Advanced</u> <u>Regents</u>
Common Core English Language Art	✓	✓	✓
Common Core Algebra I	✓	✓	✓
Common Core Geometry			✓
Common Core Algebra II			✓
Global History Geography	✓	✓	✓
U.S. History	✓	✓	✓
Science	✓	✓	✓
2 <sup>nd</sup> Science			✓

Regents exams in science are Living Environment (Biology), Earth Science, Chemistry, Physics.

**Second Language(WORLD LANGUAGE)**  
(Checkpoint B Exam Formerly Regents Exam)

✓

\* Special Education students have additional safety nets.

\*\* The Local Diploma option is only available for selected groups of students at this time. Your counselor will advise you if this option is available to you.



## **GRADUATION REQUIREMENTS:**

### **4 + 1 Pathway, Additional Safety Nets, Regents Exam Appeals and Superintendent's Determinations**

**Over the past few years the New York State Education Department has put in place a variety of regulations to further enable students to earn their Regents and Local Diplomas. These options take many forms and each comes with its own set of requirements.**

**Information about these changes to graduation requirements can be found at:**

**<http://www.p12.nysed.gov/ciai/gradreq/intro.html>**

**The best resource for determining if these changes apply to you or your child is your child's guidance counselor. Please make an appointment to discuss any concerns you might have about how these changes affect you or your child.**

**HS Guidance Office Phone Number: 631-867-3750**

# **NCAA GUIDELINES FOR STUDENTS WHO PLAN TO COMPETE IN COLLEGE ATHLETICS**

Each year, scholar-athletes from Lindenhurst High School attend college and wish to participate in the sport of their choice. In order to participate these students have chosen an academic program in high school that will permit them to qualify under the rigorous requirements set forth by the NCAA Eligibility Center. Check out the list of approved core courses for Lindenhurst High School, as well as the eligibility standards that follow to help you on your way to a successful college athletic experience.

## ***Approved courses as of NOVEMBER 2017:***

### **ENGLISH LANGUAGE ARTS**

English 9  
English 10  
AP English Language  
Creative Writing  
College English [Principles of Writing]  
Psychology of Literature  
Literacy Analysis Through Music

English 11  
English 12  
AP English Literature  
Public Speaking  
College English [Intro. to Literature]  
Film Analysis Through the English Classroom  
Sports and Literature

### **MATHEMATICS**

Common Core Algebra 1  
Common Core Geometry  
Common Core Algebra 2  
AP Statistics  
Pre-calculus  
Statistics & Data Analysis

College Statistics  
College Pre-calculus  
College Calculus  
AP Calculus AB  
Calculus  
Trig and Advanced Topics

### **NATURAL/PHYSICAL SCIENCE**

Earth Science  
Living Environment Prep I  
Living Environment Prep II  
Living Environment  
Chemistry  
Environmental Science  
Marine Biology/Oceanography  
Physics  
Science Research 1, 2, 3

Earth Science 11  
Forensic Science  
College Biology 1  
College Biology 2  
College Forensic Science  
College Marine Biology  
AP Biology  
AP Environmental Science  
AP Chemistry  
AP Physics 1  
AP Physics 2

## **SOCIAL STUDIES**

Global History 9  
Global History 10  
World History 1  
Political Theory  
United States History  
Government & Economics  
AP Human Geography  
AP Macroeconomics

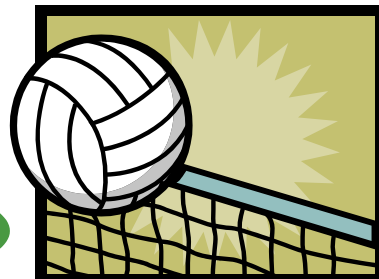
College Political Science 1  
College Political Science 2  
Psychology A (.5 credits)  
Psychology AB (1 credit)  
AP World History  
AP US History  
AP Government & Politics  
AP Psychology

## **ADDITIONAL COURSES**

French A1 (.5 credits)  
French A2 (.5 credits)  
French B1/2  
French B2/3  
French C/4  
College French  
German A1 (.5 credits)  
German A2 (.5 credits)  
German B1/2  
German B2/3  
German C/4  
College German  
American Sign Language 1, 2 & 3 (ASL)  
AP Spanish

Italian A1 (.5 credits)  
Italian A2 (.5 credits)  
Italian B1/2  
Italian B2/3  
Italian C/4  
College Italian  
Spanish A1 (.5 credits)  
Spanish A2 (.5 credits)  
Spanish B1/2  
Spanish B2/3  
Spanish C/4  
College Spanish  
AP Italian

For more information, go to [www.eligibilitycenter.org](http://www.eligibilitycenter.org)



# ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org). If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page at [eligibilitycenter.org](http://eligibilitycenter.org).

## ACADEMIC REQUIREMENTS

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA, and earn an ACT or SAT score that matches your core-course GPA.

## CORE COURSES

Visit [eligibilitycenter.org/courselist](http://eligibilitycenter.org/courselist) for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

### DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

<b>ENGLISH</b>	<b>NATURAL/ PHYSICAL SCIENCE</b> (including one year of lab science, if offered)	<b>MATH</b> (Algebra I or higher)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>ADDITIONAL</b> (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy)
4 years	2 years	3 years	2 years	1 year	4 years

### DIVISION II

<b>ENGLISH</b>	<b>NATURAL/ PHYSICAL SCIENCE</b> (including one year of lab science, if offered)	<b>MATH</b> (Algebra I or higher)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>ADDITIONAL</b> (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy)
3 years	2 years	2 years	2 years	3 years	4 years

## GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average (GPA) based on the grades you earn in NCAA-approved core courses.

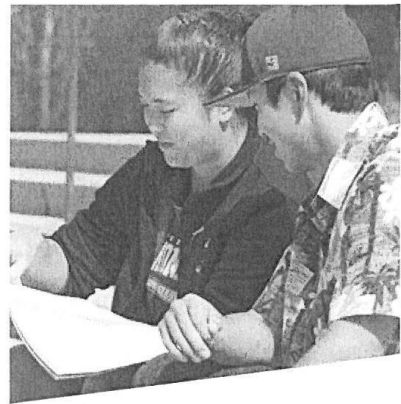
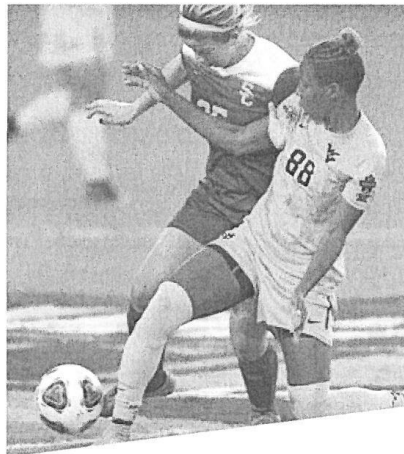
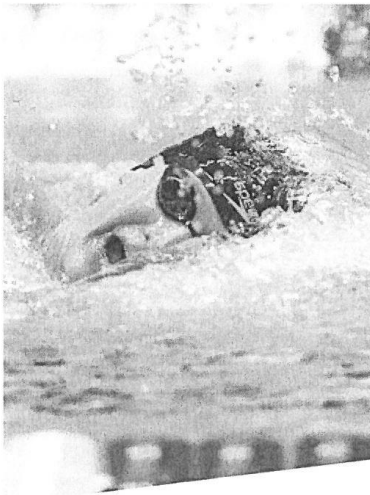
- DI requires a minimum 2.3 GPA
- DII requires a minimum 2.2 GPA

## SLIDING SCALE

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about sliding scales at [ncaa.org/playcollegesports](http://ncaa.org/playcollegesports).

## TEST SCORES

Take the ACT or SAT as many times as you want before you enroll full time in college, but remember to list the NCAA Eligibility Center (code **9999**) as a score recipient whenever you register to take a test. If you take a test more than once, send us all your scores and we will choose the best scores from each test section to create your sum score. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript. Remember to apply the College Board concordance table for SAT tests taken in March 2016 and after.



# HIGH SCHOOL TIMELINE

## GRADE 9

### Plan

- Start planning now! Take the right courses and earn the best grades you can.
- Ask your counselor for a list of your high school's NCAA core courses to make sure you take the right classes. Or, find your high school's list of NCAA core courses at [eligibilitycenter.org/courselist](http://eligibilitycenter.org/courselist).

## GRADE 10

### Register

- Register for a Certification Account or Profile Page with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org).
- If you fall behind on courses, don't take shortcuts to catch up. Ask your counselor for help with finding approved courses or programs you can take.

## GRADE 11

### Study

- Check with your counselor to make sure you are on track to graduate on time.
- Take the ACT or SAT, and make sure we get your scores by using code **9999**.
- At the end of the year, ask your counselor to upload your official transcript.

## GRADE 12

### Graduate

- Take the ACT or SAT again, if necessary, and make sure we get your scores by using code **9999**.
- Request your final amateurism certification after April 1.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation.

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### Core Courses

This simple formula will help you meet Division I and II core-course requirements.

**4x4=16**

- + 4 English courses (one per year)
- + 4 math courses (one per year)
- + 4 science courses (one per year)
- + 4 social science courses (one per year)

**= 16 NCAA CORE COURSES**

### For more information:

[ncaa.org/playcollegesports](http://ncaa.org/playcollegesports)  
[eligibilitycenter.org](http://eligibilitycenter.org)

### Search Frequently Asked Questions

[ncaa.org/studentfaq](http://ncaa.org/studentfaq)

### Follow us on Twitter:

@NCAAEC

**For more NCAA Eligibility Information**

**Please visit the NCAA Eligibility Center website at:**

**Web3.ncaa/ECWR3**

**Select "Help"**

**Select "Resources"**

# GRADING

**Lindenhurst Senior High School grading is numerical.**

A+ = 97 – 100	B+ = 87 – 89	C+ = 77 – 79	D+ = 68 - 69
A = 93 – 96	B = 83 – 86	C = 73 – 76	D = 66 - 67
A- = 90 – 92	B- = 80 – 82	C- = 70 – 72	D- = 65

## WEIGHTED GRADING

Weighted grading is to be used for the purpose of ranking in the following manner:

### AVERAGES WILL BE WEIGHTED AS FOLLOWS:

- A. Advanced Placement Courses ..... 1.10
- B. College Credit Courses ..... 1.075  
(Any course in which college credit can be received)
- C. All Honors Courses ..... 1.05
- D. All Other Courses ..... 1.00

### COURSES RECEIVING WEIGHTED GRADES WILL CARRY THE FOLLOWING NOTATIONS:

- + = a course receiving a 1.05 weight
- ± = a course receiving a 1.075 weight
- ++ = a course receiving a 1.10 weight

- PRINCIPAL'S LIST - Student must attain a 92 or better average on quarterly report card.
- HONOR ROLL - Student must attain an 85 or better average on quarterly report card.
- MERIT ROLL - Student must attain an 80 or better average on quarterly report card.
- ELIGIBILITY - Eligibility of a student is determined by his grades. Students who fail more than one subject will be subjecting themselves to provisional or ineligibility status.

Students may consult Student Handbook for Eligibility Policy.

- PG = Passing Grades
- FG = Failing Grades
- INC = Incomplete Grades
- NC = No-Credit (lack of attendance)
- NS = No-Credit (cannot attend Summer School)
- WF = Withdrew from class Failing
- WP = Withdrew from class Passing
- MED = Medical
- AU = Audit

**AVERAGES ON REPORT CARDS:** This is the average for that marking period only. Weighted averages are used for Principal's List, Honor Roll and Merit Roll.

**GUIDELINES FOR STUDENT SCHEDULE  
CHANGES**

I. Schedule Changes Before Classes Begin

**By the end of August, all students will have received their schedules. Students who have a CONFLICT in their schedules to be resolved will be contacted and a complete schedule will be constructed as soon as possible.**

ON THE FIRST DAY OF SCHOOL, ALL STUDENTS WILL RECEIVE THEIR OFFICIAL SCHEDULE IN HOMEROOM. THIS IS THE CORRECT SCHEDULE TO FOLLOW.

II. Summer School Grades

**Students who have attended Summer School will receive updated schedules if necessary either in the mail in late August, or in homeroom on the first day of school.**

THIS IS THE CORRECT SCHEDULE TO FOLLOW.

III. Request for Schedule Changes after School Begins

**A student must complete a schedule change form describing the need for a change. Students must follow the existing schedule until the counselor evaluates the change request and the proper permissions have been granted.**

Changes to a student's schedule will be considered if an error has been made or under certain serious circumstances.

ALL CHANGES MUST BE APPROVED BY THE PARENT, TEACHERS, COUNSELOR AND DEPARTMENT COORDINATORS.

**NO CLASSES WILL BE ADDED OR DROPPED AFTER  
FIVE WEEKS FOR A FULL YEAR COURSE, OR AFTER  
THREE WEEKS FOR A HALF YEAR COURSE.**

***FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020  
WILL BE THE LAST DAY TO DROP ANY ADVANCED  
PLACEMENT CLASS.***



# ENGLISH

## SENIOR HIGH CURRICULUM GUIDE TO ENGLISH

### Statement of Philosophy

The primary components of the English Language arts program at the Senior High School are guided by the Common Core Standards for reading, writing, listening, speaking and study skills.

Writing is stressed in all facets of the program and instruction is designed to integrate pertinent skills and knowledge. The importance and value of correct spelling, punctuation, grammar, capitalization and legible handwriting are stressed in their relationship to the content and promotion of clarity of student writing.

Just as the study of grammar cannot function in a vacuum, writing cannot be fully developed unless strongly associated with all areas of communication. Reading, writing and all other language arts skills become important and are learned simultaneously.



#### **COMPOSITION**

Our writing program recognizes the fact that writing is a process, one that involves several stages. Furthermore, writing should have a clear-cut purpose and a specific audience. We present general categories of assignments that can be made more specific to fit the purposes of the teacher and the needs of the student.

Writing instruction will build upon skills learned in the earliest years, always seeking greater sophistication year by year. Many assignments will be given in all ability levels within a grade, but the expected performance, in terms of form, development, and tone, will obviously differ.

#### **CRITICAL READING**

Our literature program is designed to give students an appreciation and understanding of the various types of literature including fiction and non-fiction. Students will gain the ability to recognize the themes of the works studied; they will also recognize universal themes. The students will develop skills of analysis and literary interpretation assisting their ability to understand author methods and techniques. This study will be an overlapping process; skills will often transfer across genres and each year, students will build on skills gained in previous years.

**A111FH ... ENGLISH 9H +  
A121FR ... ENGLISH 9R**

**(1 UNIT)  
(1 UNIT)**

**COMPOSITION:**

Through frequent writing, students at the 9th grade level will learn to express themselves. They will discover what to say, how to say it interestingly, and provide textual evidence to support their ideas. Composition will also cover sentence patterns, paragraph types, the essay, essay questions and answers, and an introduction to documentation.

**GRAMMAR and USAGE:**

The 9th grade builds on what students have learned about the English language in elementary and middle school and shows how to apply the systems of grammar to enhance written and spoken communication. Language study includes study skills, vocabulary, spelling, library skills, and oral presentations.



**CRITICAL READING:**

Students will study various genres, including short stories, poetry, plays, novels, and information texts that examine human conflict and explore the experiences of young people like themselves. Works may include, but are not limited to, *Of Mice and Men*, *Lord of the Flies*, *Twelve Angry Men* and *Romeo and Juliet*.

**PREREQUISITE:** To enroll in English 9H, students must have an average of 80 in 8<sup>th</sup> Grade English H or an average of 90 in 8<sup>th</sup> Grade English as of the end of the first semester (second quarter).

**ENG9L ..... ENGLISH 9LAB**

This class will complement the work being done in English 9R and will emphasize reading comprehension, vocabulary development, oral discussion, and writing. This course incorporates reading, writing, speaking, listening and collaborative strategies to progressively build the skills and strategies necessary for academic success in high school. Emphasis is on mastering Common Core State Standards including College and Career Readiness and the skills required to pass the New York State English Regents. Students are scheduled for reading/writing remediation, on an alternating day schedule in addition to an English Language Arts class.

**A212FH ... ENGLISH 10H +  
A222FR ... ENGLISH 10R**

**(1 UNIT)  
(1 UNIT)**

**COMPOSITION:**

Students will work on expressing themselves clearly and coherently. They will learn how to structure their responses and how to revise what they have written. They will write both impromptu and out-of-class, engaging in both literature analysis and research-based writing throughout the course.

....continued on next page

**GRAMMAR and USAGE:**

Students will review the fundamentals of grammar based on the needs of their own writing. Language study will combine with study skills, vocabulary, spelling, reference skill and oral presentation.

**CRITICAL READING:**

Students will examine pieces from various genres to emphasize and increase their competency in reading and writing. Students will read challenging novels, plays, short stories, poems, and informational texts. Works may include but are not limited to, *Macbeth*, *The Kite Runner*, and *A Separate Peace*.

**PREREQUISITE:** To enroll in English 10H, students must have an average of 80 in English 9H or an average of 90 in English 9R as of the end of the first semester (second quarter).

**ENG10L ...ENGLISH 10LAB**

This class will complement the work being done in English 10R and will emphasize reading comprehension, vocabulary development, oral discussion, and writing. This course incorporates reading, writing, speaking, listening and collaborative strategies to progressively build the skills and strategies necessary for academic success in high school. Emphasis is on mastering Common Core State Standards including College and Career Readiness and the skills required to pass the New York State English Regents. Students are scheduled for reading/writing remediation, on an alternating day schedule in addition to an English Language Arts class.

**A313FH ... ENGLISH 11H +  
A323FR ... ENGLISH 11R**

**(1 UNIT)  
(1 UNIT)**

English 11R is guided by the Common Core State Standards for reading, writing, language, listening/speaking and as such students will be prepared to take the NYS English Regents. Students will be introduced to a variety of literature comprised of both fiction and nonfiction selections. Students will also learn to write arguments to support claims in an analysis of challenging topics or texts, using valid reasoning and relevant and sufficient evidence to support their claims. Furthermore, students will continue to work on writing in a formal style while following the norms and conventions of standard written English. In addition, students will initiate and participate effectively in a range of collaborative discussions on grade 11 topics, texts, and issues. They will work on building on others' ideas and expressing their own ideas clearly and persuasively.

**PREREQUISITE:** To enroll in English 11 H, students must have an average of 80 in English 10H or an average of 90 in English 10R as of the end of the first semester (second quarter).

## ENG11L.....ENGLISH 11 LAB

This class will complement the work being done in English 11R and will emphasize reading comprehension, vocabulary development, oral discussion, and writing. This course incorporates reading, writing, speaking, listening and collaborative strategies to progressively build the skills and strategies necessary for academic success in high school. Emphasis is on mastering Common Core State Standards including College and Career Readiness and the skills required to pass the New York State English Regents. Students are scheduled for reading/writing remediation, on an alternating day schedule in addition to an English Language Arts class.

## A405FA ... ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION ++ (1 UNIT)

### Summer reading and writing is required.

Students in this introductory college-level course read and carefully analyze a broad and challenging range of both nonfiction and fiction selections, deepening their awareness of rhetoric and how language works. Through close reading and frequent writing, students develop their ability to work with language and text with greater awareness of purpose and strategy, while strengthening their own composing abilities. Course readings feature expository, analytical, personal and argumentative texts from a variety of authors and historical contexts. Students examine and work with letters, essays, speeches, images and fictional literature. Students prepare for the AP English Language and Composition Exam and may be granted college credit as a result of satisfactory performance.

As this is a college-level course, performance expectations are appropriately high, and the workload is challenging. Students are expected to commit to a minimum of five hours of course work per week outside the classroom. Because of the demanding curriculum, students must bring to the course sufficient command of mechanical conventions and an ability to read and discuss prose. The content of the course is constructed in accordance with the guidelines described in the AP English Course Description. **AP EXAM AND AP EXAM FEE REQUIRED.**

**PREREQUISITE:** To enroll in this course, students must have an average of 85 in English 10H or an average of 90 in English 10R as of the end of the first semester (second quarter).

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**

GRADE 12 STUDENTS ARE REQUIRED TO SELECT ONE OF THE FOLLOWING:

ENGLISH 12H/ENGLISH 12R  
COLLEGE LEVEL COURSES  
AP ENGLISH LITERATURE  
FILM ANALYSIS THROUGH THE ENGLISH CLASSROOM LENS  
LITERARY ANALYSIS THROUGH MUSICAL HISTORY  
PUBLIC SPEAKING  
THE PSYCHOLOGY OF LITERATURE

**STUDENTS IN 10<sup>TH</sup> AND 11<sup>TH</sup> GRADE MAY SUPPLEMENT THEIR REGULAR ENGLISH PROGRAM BY SELECTING ONE OF THE COURSES BELOW. HOWEVER, IF TAKEN PRIOR TO SENIOR YEAR, THE COURSE WILL COUNT AS AN ELECTIVE AND CAN NOT BE TAKEN IN LIEU OF AN ENGLISH CLASS SENIOR YEAR. PRIORITY WILL BE GIVEN TO STUDENTS IN THEIR SENIOR YEAR.**

FILM ANALYSIS THROUGH THE ENGLISH CLASSROOM LENS  
LITERARY ANALYSIS THROUGH MUSICAL HISTORY  
PUBLIC SPEAKING  
THE PSYCHOLOGY OF LITERATURE

**PREREQUISITE:** GRADE 12—NONE; GRADES 10 & 11—ENGLISH GRADE AS OF FIRST SEMESTER (SECOND QUARTER) OF 75 AND ABOVE

**A414FH ... ENGLISH 12H + (1 UNIT)**  
**A424FR ... ENGLISH 12R (1 UNIT)**

**COMPOSITION:**

Students will review and conclude the sequence of skills developed during high school. They will write analytical papers requiring sustained reading, writing and thinking. Students will strengthen their grammar, vocabulary and spelling skills by frequent writing assignments. In addition, they will review library research skills and display oral skills in presenting and defending a position.

**LITERATURE:**

Students will examine the novels, plays and short stories from England and around the world with consideration of the cultural and historical background which shaped their creation. Such great writers as Shakespeare, Dickens, Austin, Conrad, Ibsen and Cormac McCarthy will be read and discussed in detail.

**PREREQUISITE:** To enroll in English 12H, students must have an average of 80 in English 11H or AP English or an average of 90 in English 11R as of the end of first semester (second quarter).

**ENG 001 ...\*\*MOLLOY ENGLISH 001- PRINCIPLES OF WRITING\* ± (3 COLLEGE CR.) (1 UNIT)**

Students will take an analytical approach to the development and improvement of college-level writing. Students will model published authors, work together on revision practices and write a variety of nonfiction essays. Revisions are encouraged and required.

**\*\*MOLLOY ENGLISH 002– INTRO. TO LITERATURE \* ± (3 COLLEGE CR.) (1 UNIT)**

This course is a seminar, organized around an exciting and contemporary literary theme. Emphasis is on the in-depth study of selected literary works relating to that theme in fiction, poetry, or drama. The course will be structured around discussion and student reports.

**PREREQUISITE:** To enroll in Molloy English, students must have an average of 85 in English 11 at the end of the first semester (second quarter).

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**\*\* IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY MOLLOY COLLEGE. THE FEE FOR THE 2016-17 SCHOOL YEAR WAS \$60 PER CREDIT AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

## **GRADE 12**

### **A404FA ... ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION ++ (1 UNIT)**

#### **Summer reading and writing is required.**

This course is designed as a survey of English Literature with special emphasis on the skills necessary to excel on the English Literature and Composition Exam for Advanced Placement. Students in this program are assigned readings representative of the periods of development of English literature from the earliest Old English texts up to contemporary poetry and prose. Works covered in this class will include selections from various genres including epic poetry, sonnets, lyrical ballads, tragedy, comedy, novels and literary analysis. This class is designed as a survey of English Literature with special emphasis on the skills necessary to excel on the English Literature and Composition Exam for Advanced Placement. Students in this program are assigned readings representative of the periods of development of English literature from the earliest Old English texts up to contemporary poetry and prose.

As a college level course, the most significant activity is the close examination of literature. However, after the Advanced Placement Exam has been taken, a research paper will be assigned to familiarize the student with research skills, library materials and proper methods of documentation necessary for success on the university level. **AP EXAM AND AP EXAM FEE REQUIRED.**

**PREREQUISITE:** To enroll in this course, students must have an average of 85 in English 11H or AP English Language or an average of 90 in English 11R as of the end of the first semester (second quarter).

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**

### **A075FR ...FILM ANALYSIS THROUGH THE ENGLISH CLASSROOM LENS (1 UNIT)**

A survey of films from the 1930s to the present will be viewed, studied, and discussed in genre units. Students will evaluate films for their place within the canon of film by examining their structure and value as groundbreaking material, and also as character studies comparative to literature. This will include examining the intent of the screenwriter, the execution of the director, and the performances by the actors.

**Grades 10, 11 & 12—1 elective credit OR Grade 12—1 English credit in lieu of English 12**

**A464FR ... LITERARY ANALYSIS THROUGH MUSICAL HISTORY (1 UNIT)**

This course will examine the coalescence of the music and literary world during the late 20th century and early 21st century. Students will examine the influence of music on literary movements (such as the influence of jazz music on the beat poets), and compare and contrast the characteristics of different eras in modern music and literary history. Possible assignments include student presentations on the connection between an artist/author's background and their poetry/lyrics, analysis of common themes in novels and on songs/albums, creative criticism of popular music (via both fiction and non-fiction models), and modern styles of poetry (such as free-verse). Possible texts include short-stories influenced by popular music (Thomas Pynchon, Jonathan Lethem), modern poetry collections (Ginsberg, Corso, Baraka), and music criticism from respected authors.

**GRADES 10 - 12**

**A474FC ... PUBLIC SPEAKING± (1 UNIT)**

This course will focus on application of the communication techniques needed to organize and deliver oral messages in a public setting. Emphasis will be given to theory and practice of message strategies and preparation, audience analysis, presentation skills including multimedia support, speech criticism and the listening process. Students will become proficient in preparing and presenting informative, procedural, and persuasive speeches, as well as conducting audience analysis prior to speech writing and writing speech criticism after viewing classmates' speeches.

**GRADES 10 – 12**

**COLLEGE CREDIT FOR GRADES 11 & 12 ONLY (3 CREDITS)**

The Suffolk County Community College Beacon Program is a dual enrollment program. The fee for the 2020-2021 school-year is \$57 per credit and is subject to change. Payment does not guarantee credit; student is subject to SCCC guidelines

**A484FR ... THE PSYCHOLOGY OF LITERATURE (1 UNIT)**

Using a basic knowledge of psychology, this course will focus on the analysis and understanding of literature through a psychological perspective. Psychoanalyze and diagnose Chronic Depression as an iconic literary character such as Holden Caulfield. How does Prince Hamlet reveal symptoms of an Oedipus Complex as described by Sigmund Freud? Based on their works, diagnose and draw psychological conclusions about mysterious authors such as E.A. Poe. Revisit previously read works to analyze and interpret significant events that establish psychological concepts such as Mob Mentality in *The Crucible*, or Social Withdrawal in *Ordinary People*. Establish connections with an author's involvement in famous historical events such as the Holocaust and how such events influenced and motivated them to write specific works such as Viktor E. Frankl and his novel, *Man's Search for Meaning*, or Elie Wiesel and his novel, *Night*.

**GRADES 10 – 12**

**J615FE ...THEATRE ARTS****(1 UNIT)**

Theater Arts is designed as an introductory course to Drama, although it also sets the foundation for all performing arts classes. This course will explore various aspects of theater including, but not limited to: theater history, performance, stage movement, scene study, monologues, audition preparation, flat construction, singing performance, theater lighting and theater exercises. By nature, the class is physically interactive and requires students to take performance risks. Students will be exposed to performance theater, as well as, aspects of "backstage" theater. By the time the course is completed, students should have a foundation knowledge of performance theater and technical theater, as well as, a newfound comfort in how to properly use their body in order to express themselves. This class serves as a prerequisite for Drama. Students are also expected to attend one performance of the school's Winter musical, as well as, the Spring play (if they are not already involved in some capacity).

**NOTE: This course may be repeated for course credit.**

**PREREQUISITE:** NONE

**GRADES 9 – 12**

**A145FE ... DRAMA****(1 UNIT)**

This course is a full-year exploration of the fundamental elements of acting: sensitivity exercises, utilizing the senses and emotional memory, improvisation, speech for the stage, script interpretation and textual analysis, monologue study and performance, original student written monologues, scene study and performance. **NOTE: This course may be repeated for course credit.**

**PREREQUISITE:** Theatre Arts or the permission of course teacher.

**GRADES 10 – 12**

**M105FE ... JOURNALISM/DESKTOP PUBLISHING (FULL YEAR A/B DAY) (1/2 UNIT)****M105AE ... JOURNALISM/DESKTOP PUBLISHING****(1 UNIT)**

This course is intended for students who are interested in writing for the school newspaper and in learning skills helpful for both college and career. The fundamental skills of a journalist will be introduced, including research and interviewing, fact-checking and attribution, style and persona. They will be taught how to write various types of articles, and become acquainted with the various stages of newspaper production. Students bring together technical and conceptual skills by creating a variety of articles that revolve around current school and public issues as well as those that are of significance to the community. Students will learn desktop publishing, using state of the art programs currently used in the industry. Editors will learn layout design including photography, advertisements, images and text. They will experience deadlines and the energy of publishing a real newspaper all while gaining a sense of what it is like to work in the modern day work force. Those continuing with the course can aspire to new positions and take on more responsibilities based on their level of experience. **NOTE: This course may be repeated for course credit.**

**GRADES 9 – 12**



**A095FE ... CREATIVE WRITING****(1 UNIT)**

If you enjoy writing, have talent, and would like to be in a program that will allow you to express yourself creatively in a format which is structured so that you will be challenged to reach your potential as a writer, this elective is for you. Do something good for your creative soul!

This is not for everyone, but if you'd like to work at being the best writer you can be in a class of interested and intelligent fellow writers, this elective is intended expressly for you. You will become expert in small group work while mastering the skills of constructive criticism and positive editing. Tired of being told what to do all the time? Take a course in which you will help direct the writing of others as you improve your own. **NOTE: This course may be repeated for course credit.**

**GRADES 9 – 12****A485FR...SPORTS AND LITERATURE****(1 UNIT)**

This course will carefully examine how sport functions as its own literature, complete with its distinct language, characters, conflicts, themes, symbols, setting, and, of course, points of view. In this course students will use a wide array of non-fiction sports writing, including articles, informational texts, columns and essays to drive this course of study. In addition, students will watch a variety of clips from TV journalism and cinematic documentaries to examine and analyze how language and image are used to establish a story: the always changing, always controversial story of the sports world. Simultaneously, we will be reading and dissecting sports fiction: novels, short stories and poems while viewing an assortment of sport films en route to discovering how and why authors and directors use the world of sports to tell their stories. Moreover, students will also identify and articulate the connections between sports and American culture and the ways those connections are expressed in writing and literature. Students will earn an elective credit for successfully completing the course; seniors will earn an English credit for this course.

**PREREQUISITE:** Successful completion of ELA 9**GRADES 10-12****J110AE.....BROADCASTING****(FULL YEAR A/B DAY)****(1/2 UNIT)****J110FE.....BROADCASTING****(1 UNIT)**

The ever-changing world of news reporting provides LHS with the opportunity to inspire the next generation of journalists. Broadcasting students will work as a team with *Media Arts (3)* students to write, film, and deliver news via a broadcasting platform—showcasing their talents both in front of the camera and behind the scenes. Broadcasting presents students with coursework that models careers in this industry. The Broadcasting course will enable students to sharpen college and career skills by mastering research and interviewing skills, developing basic public speaking skills, and learning to engage authentic audience(s) through word choice and delivery. The class will instill a real work atmosphere where students work as a team, with various responsibilities, while simultaneously conducting responsible reporting based on

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current school events and local issues that are of significance to the LHS community. Broadcasting will run as a full year class that will meet every day. Broadcasting students may take the course A/B Day. Students will earn one course credit. Similar to Journalism, these courses may be repeated for course credit.

**PREREQUISITE:** None  
**GRADES 9-12**

**ASAT1P...SAT/ACT PREP: ENGLISH**

**(1/2 UNIT)**

The mission of our SAT/ACT Prep English course is to provide Lindenhurst High School students with the necessary academic strengths, skills, and practice needed to help raise their SAT & ACT scores. This class is designed to fully prepare students for both major assessments and will teach students the format of the tests and provide both strategies and practice for all ENG sections of the SAT & ACT. In addition, students will become familiar with SAT/ACT question stems, learn about critical reading strategies, enhance their academic vocabulary, work on comprehensive writing techniques, and cultivate their time management skills, prior to taking both exams. Throughout the course students will also use a number of interactive and book directed resources for a full learning experience. All students enrolled in this course are expected to continue any SAT/ACT prep at home throughout the duration of the course.

It is strongly suggested that students concurrently enroll in both SAT/ACT English and Math to optimize their total ACT and SAT test score.

**PREREQUISITES:**

- The student enrolling **MUST** be a junior.
- The student must have completed and passed 9<sup>th</sup> and 10<sup>th</sup> grade English.
- The student is encouraged to show an interest in enrolling in a 4-year competitive college after high school.

Students are strongly encouraged to take 2 ACT and 2 SAT exams by the end of the class to receive course credit. This will ensure that students have the best chance to reach their highest test score. Certain students may be eligible for a fee waiver for both exams. See your guidance counselor for more details.

**E585FR...ENL REGENTS PREP**

ENL Regents Prep provides English Language Learners with the skills needed to be successful academically. This course affords students the opportunity to improve listening, speaking, reading and writing skills in English. As such, this course incorporates reading, writing, speaking, listening, and collaborative strategies to progressively build the skills necessary for academic success in high school. Emphasis is on mastering Common Core State Standards, including College and Career Readiness and the skills required to pass the New York State English Regents, are a focal point of the course of study. Students are scheduled for ENL Regents Prep on a daily basis for the **entire** school year. Students will receive either a Pass (P) or Fail (F) grade for the course.

## AP Capstone™ Diploma Program

AP Capstone™ is an innovative diploma program from the College Board that equips students with independent research, collaborative teamwork, and communication skills. AP Capstone™ is built on the foundation of two AP® courses – **AP Seminar** and **AP Research** – and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses.

### **A406FA.....Grade 10 – AP Seminar++**

**(1 UNIT)**

In AP Seminar, students are assessed with two through-course performance tasks and one end-of-course exam. All three assessments are summative and used to calculate a final AP score (using the 1-5 scale) for AP Seminar.

#### **Prerequisite(s) for AP Seminar:**

- Successful completion of English 9H
- Students enrolling in AP Seminar must be sophomores
- College board recommends successful completion of 9H Social Studies or Pre-AP World

### **A407FA.....Grade 11 – AP Research++**

**(1 UNIT)**

In AP Research, students are assessed with one through-course performance task consisting of two distinct components. Both components will be included in the calculation of a final AP score (using the 1-5 scale). There is no end-of-course exam for AP Research.

#### **Prerequisite(s) for AP Research:**

- Students **may not** take AP Research without completing AP Seminar
- Students enrolling in AP Research must be juniors.
- College board recommends that students enrolled in AP Research are also enrolled in AP US or 11H Social Studies

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**



# SOCIAL STUDIES

**B111FH .. SOCIAL STUDIES 9H – GLOBAL HISTORY AND GEOGRAPHY + (1 UNIT)**

**B121FR .. SOCIAL STUDIES 9R – GLOBAL HISTORY AND GEOGRAPHY (1 UNIT)**

This course is designed to develop historic and thematic comprehension through a chronological approach of events that have taken place throughout the history of the world. This course will follow the New York State Core Curriculum and Learning Standards for Social Studies. In the 9<sup>th</sup> grade, students will study the period of time from the Ancient World to The Early Modern Times. The course is designed to challenge students to define culture and civilization as they examine how geographically distinct societies developed over time. The students investigate the various components of culture and civilization including social customs, norms, values and traditions. The course examines the development and connectedness of Western Civilization with civilizations and cultures in South and East Asia, Latin America and Africa.

**PREREQUISITE:** To enroll in Social Studies 9H, students must have an average of 90 in 8<sup>th</sup> Grade Social Studies Honors class or an average of 95 in Social Studies 8 class as of the end of first semester (second quarter).

**B531FA .. ADVANCED WORLD HISTORY I ++ (1 UNIT)**

*May include a summer assignment.*

This is the first year of a two-year program that begins in ninth grade and continues into tenth grade. This course will be offered to ninth graders only. The purpose of the World History course is to develop a deep understanding of the evolution of global processes and interaction with various human societies. Students will also develop skills that will be useful at the college level. They will be challenged to analyze, interpret and evaluate the sources, to assess the complexities of issues and to discover how historians reach conclusions about the past.

**PREREQUISITE:** An average of 95 in 8<sup>th</sup> Grade Social Studies class as of the end of first semester (second quarter).

**B212FH .. SOCIAL STUDIES 10H – GLOBAL HISTORY AND GEOGRAPHY + (1 UNIT)**

**B222FR .. SOCIAL STUDIES 10R – GLOBAL HISTORY AND GEOGRAPHY (1 UNIT)**

This course is designed to develop historic and thematic comprehension through a chronological approach of the events that have taken place throughout the world. This course will follow the New York State Core Curriculum and Learning standards for Social Studies. This course begins with the late 18<sup>th</sup> century and the Age of Revolution, and then students will examine and explore materials and events of the 19<sup>th</sup> and 20<sup>th</sup> centuries until present day.

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The course challenges students to consider varying viewpoints, to analyze, interpret and evaluate primary sources. Students are **required** to take the New York State Global History and Geography Regents at the end of this course.

**PREREQUISITE:** To enroll in Social Studies 10H, students must have an average of 90 in Global History 9H or an average of 95 in Global History 9R as of the end of first semester (second quarter).

**B572FA .. AP WORLD HISTORY II ++**

**(1 UNIT)**

*May include a summer assignment.*

This is the second year of a two-year program that begins in ninth grade and continues into tenth grade. This course will be offered to tenth graders only. The purpose of the AP World History II course is to develop a deep understanding of world history to present day. Students will examine how world cultures have adapted during these time periods. Students will also develop skills that will be useful at the college level. They will be challenged to analyze, interpret and evaluate the sources to assess the complexities of issues and to discover how historians reach conclusions about the past. **AP EXAM AND AP EXAM FEE REQUIRED**

Students will be required to take the AP exam, which provides students the opportunity to earn college credit. Students are also required to take the New York State Global History Regents exam.

**PREREQUISITE:** To enroll in this course, students must have an average of 80 in AP World History I or an average of 90 in Global History I Honors as of the end of first semester (second quarter).

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**

**B313FH .. SOCIAL STUDIES 11H – U.S. HISTORY + GOVERNMENT +**

**(1 UNIT)**

**B323FR .. SOCIAL STUDIES 11R – U.S. HISTORY + GOVERNMENT**

**(1 UNIT)**

This one-year course is designed to provide students with a comprehensive survey of their national heritage and an understanding of their nation today. This course will follow the New York State Core Curriculum and Learning Standards for Social Studies. Major themes which will be explored and examined, include Constitutional and legal issues, civic values in a democracy, the development of the American economic system and the global interaction between the United States and the World. Students are **required** to take the U.S. History and Government Regents at the end of this course.

**PREREQUISITE:** To enroll in Social Studies 11H, students must have an average of 90 in Global History 10H or an average of 95 in Global History 10R as of the end of first semester (second quarter).

**B613FA .. AP UNITED STATES HISTORY ++**

**(1 UNIT)**

*Includes a summer assignment.*

This is an intensive American History Course from the Age of Exploration and Discovery to the Present. Students will engage in an in-depth analysis of selected historical time periods in American History. This analysis will include the reading of original and primary sources to be integrated in student mastery activities. Students enrolled in this class will be asked to complete a summer reading list and assignments.

The AP Examination provides students with the opportunity to earn college credit. Students will be required to take the Advanced Placement Exam and the course will be geared toward that worthwhile end. Students are also required to take the NYS U.S. History and Government Regents Exam. **AP EXAM AND AP EXAM FEE REQUIRED.**

**PREREQUISITE:** To enroll in this course, students must have an average of 80 in AP World History II or an average of 90 in Global History H as of the end of the first semester (second quarter).

**GRADE 12 -- STUDENTS ARE REQUIRED TO SELECT ONE OF THE FOLLOWING:**

1. GOVERNMENT AND ECONOMICS
2. ST. JOSEPH'S COLLEGE: INTRODUCTION TO POLITICAL SCIENCE
3. AP GOVERNMENT AND POLITICS US

***FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.***

**B440FE .. GOVERNMENT AND ECONOMICS**

**(1 UNIT)**

The first semester of the course is Government. This twenty (20) week segment provides the student with an introduction to the origin of the different forms of government, the characteristics that make the different types of government unique. This course is intended to give a deeper meaning to the elements of political science and governmental structure than that which has been included in earlier Social Studies courses.

The second semester of the course is an introduction to the subject of Economics. The course is designed to provide an overview of the different economic systems, with particular emphasis on capitalism and the economic model within the United States. There is also a unit on practical economic matters such as: buying on credit, interest rates, balancing a checkbook, scarcity and supply and demand.

**GRADE 12**



**B666FA...ADVANCED PLACEMENT (AP) MACROECONOMICS++ (1 UNIT)**

This is a college level economics course that will prepare students for the AP test in macroeconomics. This course satisfies the economics and government requirement for graduation by the State of New York. Students in the full year course will take an in depth look at the basic themes essential to all economics courses such as scarcity, opportunity costs, the structure of the U.S. economy, demand, supply and market equilibrium, the price system and market elasticity.

Students interested in this course should have a strong background in Mathematics. Every effort is made to apply core economic concepts to real-life questions and conflicts, making the course relevant to those who may or may not seek to pursue business and finance beyond high school. **This course fulfills the 4<sup>th</sup> year of Social Studies requirement for graduation.**

**PREREQUISITE:** To enroll in this course, students must have an average of 85 in Social Studies Honors or AP Social Studies as of the end of the first semester (second quarter), and teacher recommendation. **AP EXAM AND AP EXAM FEE REQUIRED.**

**GRADES 11 – 12**

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**

**POL 001 .. \*\*ST. JOSEPH'S COLLEGE INTRODUCTION TO POLITICAL SCIENCE ± (3 COLLEGE CR.)**

This course introduces political concepts and theories as well as the processes, institutions and cultural factors which determine the distinctive nature of American Government.

**PREREQUISITE:** To enroll in this course, student must have an average of 85 as of the end of the first semester (second quarter).

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY ST. JOSEPH'S COLLEGE. THE FEE FOR THE 2017-2018 SCHOOL YEAR WAS \$150 PER 3 CREDIT COURSE AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

**B664FA .. AP AMERICAN GOVERNMENT AND POLITICS ++ (1 UNIT)**

*Includes a summer assignment*

This program will give students an analytical perspective of government and politics in the United States. This program covers both the study of general concepts used to interpret politics and the analysis of specific examples throughout history. Through the examination of competing theories of political power and through the analysis of competing interests, the process by which public policy is established is studied.

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Students enrolled in this class will be asked to complete a summer reading list and assignments. Students are required to sit for the American Government and Politics AP exam, which will provide students the opportunity to earn college credit. **AP EXAM AND AP EXAM FEE REQUIRED.**

**PREREQUISITE:** To enroll in this class, students must have an average of 80 in AP US History or an average of 90 in US History H as of the end of the first semester (second quarter).

**GRADE 12**

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**

**B675FE .. PSYCHOLOGY**

**(1 UNIT)**

Psychology introduces students to the many different areas of study which fall under the broad heading of Psychology. It is a wide-ranging program which examines and analyzes many diverse topics. This course is designed for the serious minded student who has a sincere desire to learn more about Psychology and is willing to put time and effort into this undertaking. Priority will be given to seniors.

**GRADES 10 – 12**

**B665FA .. ADVANCED PLACEMENT PSYCHOLOGY ++**

**(1 UNIT)**

*Includes a Summer Assignment*

Advanced Placement Psychology is designed to familiarize students with the wide range of topics that are included in an introductory psychology course: the biological basis of behavior, intelligence, memory, perception, learning and cognition to name a few.

The assignments in the course include weekly chapters in the college text and accompanying questions which are designed to promote thought and class discussions. There are regular supplemental readings from journals and magazines. Students are required to take the Advanced Placement exam. **AP EXAM AND AP EXAM FEE REQUIRED.**

**PREREQUISITE:** To enroll in AP Psychology, students must have an average of 80 in AP US History or an average of 90 in US History H as of the end of the first semester (second quarter).

**GRADE 12**

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**



# MATHEMATICS

The Lindenhurst School District Department of Mathematics is primarily responsible for the instruction and curriculum implementation of the New York State Mathematics Common Core Learning Standards (CCLS) mathematics. The Mathematics Program is based on a framework for a balanced curriculum. It reflects the working knowledge of mathematics that is essential for students to become responsible and productive members of an increasingly complex technological society. The study of mathematics is not simply recalling facts and performing memorized procedures. It is a way of thinking and applying problem solving skills. Students need to have the knowledge of when and how to apply mathematical concepts as well as an understanding of why processes work.

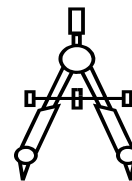
To assist students in the understanding and application of mathematical concepts, the mathematics curriculum will provide learning experiences which promote communication, reasoning and problem solving skills. Students will be better able to develop an understanding for the power of mathematics in our world today. Curriculum, instruction, and assessment are intricately related and must be designed with this in mind. All three domains must address conceptual understanding, procedural fluency, and problem solving.

When this is accomplished, our district will produce students who will:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

## C101FR ... ALGEBRA I COMMON CORE R

(1 UNIT)



This is a one-year course that will end in a Regents Exam in June. The focal point of this course is the algebra content strand, which has 3 major components: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and modeling, as well as using functions to describe quantitative relationships; and (3) functions and modeling. Algebra provides tools and ways of thinking that are necessary for solving problems in a wide variety of disciplines, such as science, business, social sciences, fine arts, and technology. This course will assist students in developing skills and processes to be applied using a variety of techniques to successfully solve problems in a variety of settings.

**PREREQUISITE:** Students enrolled in *Algebra I* must have not successfully completed *Algebra I* prior to entering 9<sup>th</sup> grade. This is a 9<sup>th</sup> grade course ONLY.

## C5111FR ... FOUNDATIONS OF GEOMETRY & ALGEBRA APPLICATIONS (1 UNIT)

This is a one-year non-regents course for incoming freshman who have successfully completed Common Core Algebra 1 with an average grade below 70 as of the end of the first semester (second quarter). This course is designed to help students efficiently master the Common Core Geometry Curriculum through investigations that promote reasoning, inductive and deductive, and that relate geometric properties to art, architecture, and other disciplines. It will provide students with the necessary tools for connecting concrete representations of geometric thinking and the abstract concepts behind them while reinforcing their Algebra skills; but more importantly, prepare students to be successful in Common Core Geometry. After completion of ***Foundations of Geometry and Algebra Applications***, students will transition to the Common Core Geometry course and take the regents exam at the end of this course. (This course does not end in a Regents Exam).

## C500FR ... GEOMETRY COMMON CORE R

(1 UNIT)

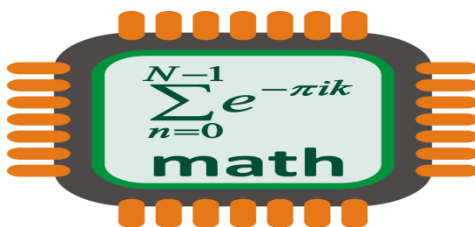
## C500FH ... GEOMETRY COMMON CORE H +

(1 UNIT)

This is a one-year course that will end in a Regents Exam in June. The focal point of this course is the geometry content strand, which has 6 major domains: (1) congruence; (2) similarity, right triangles and trigonometry; (3) circles; (4) expressing geometric properties with equations; (5) geometric measurements and dimensions; and (6) modeling with geometry. Students will have the opportunity to make conjectures about geometric situations and prove in a variety of ways, both formally and informally, that their conclusion follows logically from their hypothesis. This course is meant to employ an integrated approach to the study of geometric relationships. Integrating synthetic, transformational, and coordinate approaches to geometry, students will justify geometric relationships and properties of geometric figures. A major emphasis of this course is to allow students to investigate geometric situations. Geometry is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from the other sciences.

Students enrolled in *Geometry R Common Core* course will also be enrolled in an instructional lab period on alternate days. These students have successfully completed the Algebra I Common Core course or Foundations of Geometry & Algebra Applications course.

**PREREQUISITE:** Students in Geometry H should have successfully completed Algebra I with an average grade of 85 at of the end of the first semester (second quarter). Students in Geometry R should have successfully completed Algebra I with an average grade of 75 or above as of the end of the first semester (second quarter).



**C503FR... Algebra IIR Common Core**  
**C503FH... Algebra IIH + Common Core**

**(1 UNIT)**  
**(1 UNIT)**

This one-year course is a continuation for all students completing Geometry. The Algebra II Common Core Regents exam will be given in June. This academically rigorous course continues the integration of algebra and geometry into the study of numbers & quantity, functions, and statistics. Within this course, the number system will be extended to include imaginary and complex numbers. The study of various functions, situations involving direct and indirect variation, and problems resulting in systems of equations and algebraic techniques will also be developed. Data analysis will be extended to include measures of dispersion and the analysis of regression that model functions studied throughout this course. Arithmetic and geometric sequences will be expressed in multiple forms and arithmetic and geometric series will be evaluated. The graphing calculator is used throughout the course to incorporate numerical, algebraic and analytical understanding. Successful completion of the Algebra II Common Core Regents exam is required in order to obtain a Regents diploma with Advanced Designation.

Students enrolled in *Algebra IIR Common Core* course will also be enrolled in an instructional lab period on alternate days. These students have successfully completed the Geometry course.

**PREREQUISITE:** Students enrolled in *Algebra II Common Core H* have successfully completed Algebra I with a Regents grade of 85 or above, and an average grade of 85 as of the end of the first semester (second quarter) in Geometry.

**INTALG ... INTERMEDIATE ALGEBRA**

**(1 UNIT)**

This one-year course will reinforce important topics from Algebra I Common Core and Geometry Common Core courses while introducing selected topics from Algebra II Common Core. This course is for students who have completed Algebra I Common Core and Geometry Common Core.

**PREREQUISITE:** Completion of Algebra I Common Core and Geometry Common Core; approval of the Math Coordinator required.

**C373FN ... REAL NUMBERS**

**(1 UNIT)**

This one-year non-regents bound course will expand on *some* of the major topics from Algebra II Common Core. Topics include The Real Numbers, Rational Expressions, Irrational Numbers, Complex Numbers, Transformations, Functions, Exponential Functions, Logarithmic Functions, Trigonometric Functions, Circles, Statistics and the Binomial Theorem.

**PREREQUISITE:** ALGEBRA I, GEOMETRY AND A PASSING SCORE ON THE ALGEBRA I COMMON CORE REGENTS EXAM.

**GRADE 12**

**C374FN...PRACTICAL APPLICATIONS FOR MATH****(1 UNIT)**

Practical Applications for Mathematics will offer our students an enticing and alternative choice from Real Numbers. This course will invite students to visit some non-traditional real-world concepts during their last year of high school while gaining a true appreciation of the power of math!

**PREREQUISITE:** This course is intended for only 12<sup>th</sup> grade students who have successfully completed three years of math, in addition to, passing their previous math course with a final average that is greater than or equal to 70%.

**GRADE 12 ONLY****C502FN...TRIGONOMETRY AND ADVANCED TOPICS****(1 UNIT)**

Trigonometry and Advanced Topics will offer our students an enticing and alternative choice from either Intermediate Algebra, Statistics and/or Pre-calculus. This course shall invite students to visit Trigonometry in-depth, thus nurturing the passionate mathematical mind. Trigonometry was chosen to be taught at such great length due to the immense importance and applications found in colleges and universities. This shall strengthen the student's math skills going into our existing pre-calculus program, and what will make this course interesting is that students will use real world applications to learn math and explore complex concepts such as methodology and inferences through small group discussions and activities.

**PREREQUISITE:** This course is intended for 11<sup>th</sup> or 12<sup>th</sup> grade students who have taken Algebra 2, Intermediate Algebra or Statistics and have a final average that is greater than or equal to 70%.

**GRADES 11 AND 12 ONLY****C404FR ... PRE-CALCULUS R****(1 UNIT)****C404FH ... PRE-CALCULUS H +****(1 UNIT)**

The goals of Pre-Calculus are to develop proficiency with mathematical skills, to expand understanding of mathematical concepts, to improve logical thinking and to promote success. To achieve these goals, the following strategies are used. First, a review is provided for those topics generally presented in algebra. Thus, the student's understanding is strengthened in the basic fundamentals of algebra before the introduction of more difficult concepts. Topics covered in this course include linear relations and functions, general theory of equations, matrices and vectors, graphs and inverses of the trigonometric functions, polar coordinates and complex numbers, exponential and logarithmic functions, the straight line, conics, and if time permits, an introduction to limits and derivatives.

**PREREQUISITE FOR PRE-CALCULUS H:** A minimum grade of 85 in the Algebra II Common Core course as of the end of the first semester (second quarter)

**PREREQUISITE FOR ADVANCED PLACEMENT CALCULUS AB:** Pre-Calculus H

**GRADES 11 & 12**

**MTH 014 .. \*\*COLLEGE PRE-CALCULUS R ± (3 COLLEGE CR.)****(1 UNIT)**

This full-year course emphasizes problem-solving strategies as applied to problems involving polynomial, rational, exponential, logarithm, and trigonometric functions. Projects, class groups, and a graphing calculator will be used throughout the course.

**PREREQUISITE:** Must have passed the Algebra II Common Core course with a grade of 70 or higher as of the end of the first semester (second quarter).

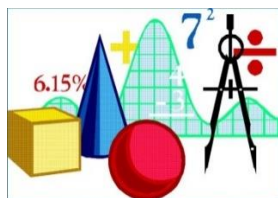
**GRADES 11 & 12**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR ST. JOSEPH'S CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY ST. JOSEPH'S COLLEGE. THE FEE FOR THE 2016-17 SCHOOL YEAR WAS \$50 PER CREDIT AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

**C504FR ... CALCULUS+****(1 UNIT)**

This course is offered for above-average students who desire to continue the study of trigonometric, logarithmic and exponential functions. Differential and integral calculus with applications to the physical science, analytical geometry and the business world are treated extensively. This course is designed for students who plan to continue the study of college level mathematics. Graphing calculators will be used extensively in this course.

**PREREQUISITE:** Passing the Pre-Calculus, College Pre-Calculus course or College Pre-Calculus course. **GRADE 12**

**MTH 021 ..\*\* COLLEGE CALCULUS ±****(1 UNIT)****(4 COLLEGE CREDITS PER SEMESTER = 8 FOR THE YEAR)**

This semester course covers the fundamental ideas and techniques of differential calculus with the relevant analytic geometry and an introduction of some concepts of integral calculus. Topics include functions, limits, continuity and the derivative of algebraic and trigonometric functions implicit differentiation, and extensive applications including tangent lines and velocity, extreme, errors in measurement and linear approximations. Some use of a programmable graphics calculator.

**PREREQUISITE:** Must have received a passing grade in Pre-Calculus.

**GRADE 12**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR ST. JOSEPH'S CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY ST. JOSEPH'S COLLEGE. THE FEE FOR THE 2016-17 SCHOOL YEAR WAS \$50 PER CREDIT AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

**C514FA ... AP CALCULUS AB ++  
C514AL ... AP CALCULUS LAB**

**(1 UNIT)**

In this calculus course, students will receive an in-depth study of limits, derivatives, integrals, and their applications. Students will be prepared for and required to take the Advanced Placement Examination in Calculus AB. Students must be enrolled in both the AP Calculus Class and AP Calculus Lab. Graphing calculators (preferably the TI 84 Plus CE) will be used extensively in this course.

**AP EXAM AND AP EXAM FEE REQUIRED**

**PREREQUISITE:** As a senior level course: A minimum grade of an 85 or higher in Pre-Calculus Honors (by the end of the second quarter and a teacher recommendation).

As a junior level course: A minimum grade of a 90 on BOTH the Algebra I and Geometry Regents Exams AND a minimum grade of a 90 or higher in Algebra II Honors (by the end of the second quarter and a teacher recommendation). This must be strictly adhered to because the students will be skipping Pre-Calculus H. It's expected that the students in this track will take AP Calculus BC in their senior year.

**AB GRADE 11  
BC GRADE 12**

***FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.***

**C604FR ... STATISTICS AND DATA ANALYSIS**

**(1 UNIT)**

This is a one-year elective course for those students who want to study statistics and data analysis. The topics will include organizing and analyzing data, elementary probability theory, normal distributions, estimation, regression and hypothesis testing. The statistics course will provide students the opportunity to further their study and application of mathematics. Graphing calculators will be used extensively in this course.

**PREREQUISITE:** A passing grade in Algebra 2/Trigonometry course as of the end of the first semester (second quarter).

**GRADES 11 & 12**

**C605FA ... AP STATISTICS ++****(1 UNIT)**

The AP Statistics course is equivalent to an introductory, non-calculus based college course in statistics. It is particularly well suited for students planning college majors in social sciences, health sciences, and business. Students are exposed to 4 broad conceptual themes (1) exploring data (2) planning a study (3) anticipating patterns (4) statistical inference. Students will use a graphing calculator and/or computer technologies as an aid to their statistical studies. Students are expected to take the Advanced Placement Statistics exam in May (there is a fee to take this exam) **AP EXAM AND AP EXAM FEE REQUIRED.**

**PREREQUISITE:** This is a mixed class of 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade students.

Incoming 10<sup>th</sup> grade students should have passed Geometry Honors with an 85 final avg.; & **MUST** take both AP STATISTICS & ALGEBRA 2

Incoming 11<sup>th</sup> grade students should have passed Algebra 2 Honors with an 85 final avg.

Incoming 12<sup>th</sup> grade students should have taken and passed Algebra 2 at some point.

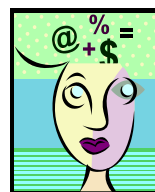
**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**

**CSAT1P ... SAT/ACT PREP: MATH**

In this course, students will have the opportunity of being enrolled in an additional math class that will aid them in being more successful on the SAT and ACT exams. Students will learn about test taking strategies and time management skills and will become more comfortable with SAT and ACT questioning techniques. In addition, students will learn about SAT & ACT grading formulas and learn how to earn the score they need to get into their dream college. Students must be willing to take the exams on the dates assigned by the teacher. It is strongly encouraged that all students who take this course also take the ACT/SAT Prep: English class to maximize their potential for success on both exams.

**PREREQUISITES:**

- The student enrolling **MUST** be a junior.
- The student must have completed and passed Algebra I and Geometry.
- The student is interested in enrolling into a 4 year competitive college after high school.
- Student must take this course in conjunction with Algebra II, Intermediate Algebra or Pre-Calculus.



Students are strongly encouraged to take 2 ACT and 2 SAT exams by the end of the class to receive course credit. This will ensure that students have the best chance to reach their highest test score. Certain students may be eligible for a fee waiver for the both exams. See your guidance counselor for more details.

**GRADE 11**

# SCIENCE

**Any student wishing to take two (2) or more Science classes simultaneously MUST receive approval from the Science Coordinator.**

## **D001FR ... EARTH SCIENCE REGENTS**

**(1 UNIT)**

This course provides students with an overview of the Earth and its place in the universe. Topics covered include The Earth, Rocks and Minerals, Dynamic Earth, Weathering/Erosion/Deposition, Earth's History, Meteorology, Water Cycle/Climate, Earth and Space, and Environmental Awareness.

This is a full-year course with an alternate day laboratory period. It satisfies the state requirement for a Physical Setting Regents course.

Students must satisfactorily complete at least 1200 minutes of laboratory work in order to qualify to take the Regents examination. A laboratory performance test will be completed as part of the Regents Examination. This course concludes with the Physical Setting: Earth Science Regents Examination.

**PREREQUISITE:** Grade 8 Science course grade of 75 as of end of first semester (second quarter).

## **D122FR ... LIVING ENVIRONMENT REGENTS**

**(1 UNIT)**

This course is designed to provide students an introduction to the general principles and concepts of biology. There are seven major units of study: The Study of Life, Maintenance in Animals, Maintenance in Plants, Human Reproduction and Development, Transmission of Traits from generation to generation, Evolution and Diversity and Plants and Animals in their Environment. Successful completion of this course is a requirement for graduation from high school.

This full-year course with an alternate day laboratory period satisfies the state requirement for a Living Environment Regents course. Students must satisfactorily complete at least 1200 minutes of laboratory work in order to qualify to take the Regents examination. This course concludes with the Living Environment Regents examination.

**PREREQUISITE:** Completion of Earth Science

## **D155FA ... ADVANCED PLACEMENT BIOLOGY ++**

**(1 UNIT)**

The AP Biology course is designed to be the equivalent of a college introductory course usually taken by Biology majors in their first year. The course includes those topics found in most freshman college programs for biology majors or in the syllabus from a high-quality college program in introductory biology. The course aims to provide students with the conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing science of biology.

This course contains extensive laboratory units and each student will be required to take the Advanced Placement examination given in May. They will also be qualified to take the SAT II in Biology. This is a full-year double period course.

**AP EXAM AND AP EXAM FEE REQUIRED.**



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**PREREQUISITE:**

10<sup>TH</sup> GRADE—Course grade of 85% or better in Living Environment Honors as of the end of the first semester (second quarter)

11<sup>TH</sup> GRADE—Course grade of 85% or better in Chemistry as of the end of the first semester (second quarter)

**GRADES 10 – 12**

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**

**D131FH ... LIVING ENVIRONMENT HONORS + (1 UNIT)**

This course will provide students with an enriched and detailed exposure to the content contained in the Living Environment curriculum and is designed to prepare students for further study in Biology. Advanced topics in this course include: Diversity of Life, Human Physiology and Development, Modern and Molecular Genetics, Biochemistry, Ecology and Evolution. Laboratory experiences will be presented in greater detail and require demonstration of higher level thinking skills. This course is designed for students exhibiting above average skills in science. The course culminates in a final exam and the Regents examination.

This is a full-year course with an alternate day laboratory period and satisfies the state requirement for a Living Environment Regents course. Students must satisfactorily complete at least 1200 minutes of laboratory work in order to qualify to take the Regents examination. This course concludes with the Living Environment Regents examination.

**PREREQUISITE:** Course grade of 85 or better as of the end of the first semester (second quarter) in Earth Science

**D203FR ... CHEMISTRY REGENTS (1 UNIT)**

This course is designed to provide a general introduction to chemistry. Students that are interested in pursuing a career in a health care field and/or higher education are encouraged to take this course. Topics covered include: Matter and energy, Atomic structure, Bonding, Periodic table, Mathematics of chemistry, Kinetics and equilibrium, Acid-base theories, Redox and electrochemistry, Nuclear chemistry and Organic chemistry.

This full-year course with an alternate day laboratory period satisfies the state requirement for a Physical Setting Regents course. Students must satisfactorily complete at least 1200 minutes of laboratory work in order to qualify to take the Regents examination. This course concludes with the Physical Setting: Chemistry Regents examination.

**PREREQUISITE:** Passing grade of 65 or better in Living Environment as of the end of the first semester (second quarter) and successful completion of Earth Science and Integrated Algebra

**D212FH ... CHEMISTRY HONORS + (1 UNIT)**

This course provides students with an enriched exposure to the material presented in the Regents Chemistry syllabus. A more in-depth study of each topic will be provided and extended topics will be introduced. Students seeking a career path in the sciences at the college level are encouraged to enroll in this course.

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This course is designed to prepare students for further study in Chemistry, both at the Advanced Placement and Freshman Chemistry level.

This is a full-year course with an alternate day laboratory period and satisfies the state requirement for a Physical Setting Regents course. Students must satisfactorily complete at least 1200 minutes of laboratory work in order to qualify to take the Regents examination. This course concludes with the Physical Setting: Chemistry Regents examination.

**PREREQUISITE:** Successful completion of Earth Science and Living Environment with scores of 85 or better as of the end of the first semester (second quarter).

**D225FA ... ADVANCED PLACEMENT CHEMISTRY ++**

**(1 UNIT)**

**D226FA.....SUPA CHEMISTRY++**

**(1 UNIT)**

This course is designed to provide those students possessing a strong science background and interest in pursuing science at the college level with a detailed exposure to first year college chemistry. Employing a laboratory based approach, students will apply their understanding of the material covered to real world applications and will be prepared for further study of chemistry once they enter college. Students enrolled in this course must either take the Advanced Placement examination in May or register for Syracuse University Project Advance (SUPA). All students will be qualified to sit for the SAT II in Chemistry.

Syracuse University Project Advance (SUPA) Chemistry is a cooperative program between Syracuse University (SU) and Lindenhurst High School that allows students to enroll in SU courses. Lindenhurst students who successfully complete the course pay a fee per credit set by Syracuse University to earn 8 college credits and an official Syracuse University transcript. SUPA Credits are recognized by 90% of colleges and universities nationwide. The fee for the 2020-2021 school-year is \$115 per credit and is subject to change. Payment does not guarantee credit; student is subject to Syracuse University guidelines. Syracuse University provides tuition assistance to students who qualify for free or reduced lunch.

This is a full-year course with an alternate day laboratory period. AP EXAM FEE or SYRACUSE REGISTRATION REQUIRED.

**PREREQUISITE:** Successful completion of Earth Science, Living Environment and Chemistry and Integrated Algebra with scores of 85 or better on the Earth Science and Living Environment Regents exams; course grade of 85 or higher in current Science course as of the end of the first semester (second quarter).

**GRADES 11 & 12**

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**

**D305FR ... PHYSICS REGENTS**

**(1 UNIT)**

This course is designed to introduce students to the basic concepts of physics. The major topics covered include: Mechanics, Energy, Wave phenomena, Electricity and Magnetism, and Modern Physics. Students interested in pursuing further study of science at the college level are encouraged to enroll in this course.

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This is a full-year course with an alternate day laboratory period and satisfies the state requirement for a Physical Setting Regents course. Students must satisfactorily complete at least 1200 minutes of laboratory work in order to qualify to take the Regents examination. This course concludes with the Physical Setting: Physics Regents examination.

**PREREQUISITE:** Successful completion of Living Environment, Earth Science, and Integrated Algebra courses and Regents exams, with a Regents grade of 80 or better on Integrated Algebra and a passing course grade in Chemistry and Algebra 2/Trig as of the end of the first semester (second quarter)

**D325FA.....ADVANCED PLACEMENT PHYSICS 1++ /\*\*COLLEGE PHYSICS I ± (1 UNIT)**

This course is designed for students who have demonstrated a strong grasp of science and are seeking to major in some area of science at the college level. Topics in both classical and modern physics will be covered with a detailed laboratory approach fostering student engagement in the practice of science through experimenting, analyzing, making conjectures and arguments and solving problems in a collaborative setting. The class is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy and power; mechanical waves and sound. It will also introduce electric circuits. This is a full-year course with an alternate day laboratory period. AP EXAM FEE or SUFFOLK COMMUNITY COLLEGE REGISTRATION REQUIRED.

**AP EXAM OPTION—FEE REQUIRED.**

***FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.***

**COLLEGE OPTION—**

Students may enroll in the Suffolk County Community College Beacon Program which is a dual enrollment program for 4 credits. The fee for the 2016-2017 school-year was \$53 per credit and is subject to change. Payment does not guarantee credit; student is subject to SCCC guidelines.

**PREREQUISITE:**

**Current Chemistry Students:** Successful completion of Living Environment, Earth Science and Common Core Algebra I with scores of 85 or better on the Earth Science, Living Environment and Common Core Algebra I Regents exams and a course grade of 85 or better as of the end of the first semester (second quarter) in Chemistry H

**Current Physics Students:** Successful completion of Chemistry and a course grade of 85 or better as of the end of the first semester (second quarter) in Physics R.

**D327FA.....ADVANCED PLACEMENT PHYSICS 2++/ \*\*COLLEGE PHYSICS II ± (1 UNIT)**

This course is designed for students who have demonstrated a strong grasp of science and are seeking to major in some area of science at the college level. Topics in both classical and modern physics will be covered with a detailed laboratory approach fostering student engagement in the practice of science through experimenting, analyzing, making conjectures and arguments and solving problems in a collaborative setting. The class is equivalent to a second-semester college course in algebra based physics. The course explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic and nuclear physics. This is a full-year course with an alternate day laboratory period. AP EXAM FEE or SUFFOLK COMMUNITY COLLEGE REGISTRATION REQUIRED.

**PREREQUISITE:** Successful completion of Advanced Placement Physics 1 with a grade of 75 or better at the end of the first semester (second quarter).

**AP EXAM OPTION—FEE REQUIRED**

***FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.***

**COLLEGE OPTION—**

Students may enroll in the Suffolk County Community College Beacon Program which is a dual enrollment program for 4 credits. The fee for the 2020-2021 school-year was \$57 per credit and is subject to change. Payment does not guarantee credit; student is subject to SCCC guidelines.

**\*\*REGISTRATION THROUGH THE COLLEGE IS REQUIRED AND THE FEE MUST BE PAID TO THE COLLEGE. STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE.**

**D145FC ... \*\*COLLEGE BIOLOGY ± (Up to 6 COLLEGE CREDITS) (1 UNIT)**

This course is part of the Saint Joseph's College Bridge Program and provides students an introductory college-level Biology course designed for both non-science and science majors. Topics are presented according to a structural and functional hierarchy of organization found in living things. The fundamental concepts of molecular biology, cellular biology, genetics and evolution are covered in the first semester with developmental biology, physiology and anatomy of plants and animals covered during the second. Within the context of this presentation, emphasis will be placed on application of the basic principles that govern the environmental interrelationships and adaptive mechanisms of plants and animals. Students

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enrolled in this program will be required to attend a lab period each day in addition to the regular class session with six (6) college credits awarded for successful completion of the course. Fee for the 2020-2021 school year was \$60 per credit and is subject to change by the college.

**PREREQUISITE:** Successful completion of Living Environment with a score of 80 or better on the Living Environment Regents examination; successful completion of a Physical Setting Regents course and Chemistry.

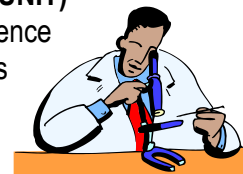
**GRADE 12 \*\***

**\*\*REGISTRATION THROUGH THE COLLEGE IS REQUIRED AND THE FEE MUST BE PAID TO THE COLLEGE TWO TIMES THROUGHOUT THE YEAR (FALL & SPRING). STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE.**

**D415FN ... FORENSIC SCIENCE**

**(1 UNIT)**

This course is designed for students who are interested in studying the science behind the investigation of criminal and civil legal issues by police agencies and the criminal justice system. Focus will be placed on those areas of biology, chemistry, physics and geology that are useful in determining the evidentiary value of crime-scene and related evidence with a minimum of emphasis placed on scientific terminology and equations. Topics to be covered include: an introduction to forensic science, analysis of a crime scene, procedures for collection and processing of evidence forensic, aspects of arson and explosions, forensic serology, DNA and fingerprinting, organic and inorganic analysis, forensic toxicology, and document and voice examination. Students who lack a strong scientific and mathematical background but would like the opportunity to explore the fascinating world of forensic science are encouraged to enroll in this course.



This is a full-year course which satisfies the state requirement for a lab based science credit.

**PREREQUISITE:** Successful completion of Living Environment and one (1) Physical Setting Regents course and a score of 65 or better on at least one (1) Science Regents examination

**GRADES 11 & 12**

**D415FC ... \*\*COLLEGE FORENSIC SCIENCE ± (4 COLLEGE CREDITS PER YEAR) (1 UNIT)**

This course provides a college-level introduction to the science behind crime detection emphasizing techniques used in evaluating physical evidence commonly employed in forensic investigations. Topics include methods of organic and inorganic evidence analysis, fingerprints, drug chemistry and toxicology, and serology.

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Syracuse University Project Advance (SUPA) Forensics is a cooperative program between Syracuse University (SU) and Lindenhurst High School that allows students to enroll in SU courses. Lindenhurst students who successfully complete the course earn four (4) college credits and an official SU transcript. SUPA credits are recognized by 90% of colleges and universities nationwide.

**SYRACUSE REGISTRATION FEE REQUIRED:** Fee for the 2019-20 school-year is \$115 per credit, totaling \$460, and is subject to change by the college. Payment does not guarantee credit; student is subject to Syracuse University guidelines. Syracuse University provides tuition assistance to students who qualify for free or reduced lunch.

**PREREQUISITE:** Course average of 85 or above in Living Environment and course grade in Chemistry of 85 or above as of the end of the first semester (second quarter)

**GRADES 11 & 12**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE.**

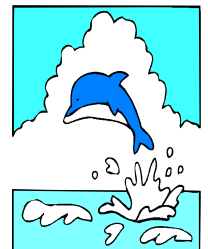
**D425FN ... MARINE BIOLOGY/OCEANOGRAPHY**

**(1 UNIT)**

This course will provide students with an introduction to marine biology and oceanography with a focus on applying these fields of study to the local environment here on Long Island. Incorporating several field experiences into the course, students will study the interaction of the Earth's oceans with the environment and specifically the life contained within it. Topics to be covered include; Chemistry of water, Ocean temperature and vertical stratification, Ocean floor features, Currents and tides, Wave formation, Atolls, Sea mounts and Reef formation, Plankton, Coelenterates, Mollusks, Echinoderms, Gastropods, Crustaceans ichthyology, Marine mammals, Deep sea creatures, Oceans and human use and Human impact on earth's oceans. This is a full-year course which satisfies the state requirement for a lab based science credit.

**PREREQUISITE:** Successful completion of Living Environment and one (1) Physical Setting Regents course and a score of 65 or better on at least one (1) Science Regents examination

**GRADES 11 & 12**



**D430FE ... \*\*COLLEGE MARINE BIOLOGY ± (4 CREDITS) (1 UNIT)**

The class specializes in the study of Long Island's intertidal and nearshore environments including animals and plants inhabiting these environments. Special attention is given to the biology and natural history of these organisms. Community relationships and effects of abiotic environment on coastal populations is also emphasized.

The Suffolk County Community College Beacon Program is a dual enrollment program. The fee for the 2020-2021 school-year was \$57 per credit and is subject to change. Payment does not guarantee credit; student is subject to SCCC guidelines.

**PREREQUISITE:** Course average of 85 or above in Living Environment and course grade in Chemistry of 85 or above as of the end of the first semester (second quarter)

**GRADE 11 or 12**

**\*\*REGISTRATION THROUGH THE COLLEGE IS REQUIRED. STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE.**

**D505FA ... ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE ++ (1 UNIT)**

This course is designed to be the equivalent of a one-semester introductory college course in environmental science. Students will be introduced to the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world and will learn to identify and analyze environmental problems both natural and human-made. Additionally, they will learn to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving or preventing them. Topics to be covered include: Interdependence of Earth's systems, Human population dynamics, Renewable and non-renewable resources, Environmental quality, and Global changes and their impact on the environment and society. Laboratory experiences will be an integral part of this course and students will apply the concepts covered throughout the course to these activities as a means of providing a well-rounded exposure to the course content.

This is a full year course with an alternate day laboratory period. Students enrolled in this course will be required to take the advanced placement examination in May. **AP EXAM AND AP EXAM FEE REQUIRED.**

**PREREQUISITE:** Successful completion of Living Environment, Earth Science, and Chemistry with scores of 80 or better on the Living Environment, Earth Science Regents examinations and a course grade of 80 or better in Chemistry as of the end of the first semester (second quarter)

**GRADES 11 & 12**



**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**

**SCIENCE RESEARCH PROGRAM**

**(1-4 UNITS)**

Through an affiliation with the University in the High School Albany University Science Research program, students will be conducting college-level research into our high school classrooms. Through the programs detailed below, students can earn up to 12 University of Albany credits:

**D605FH...INTRODUCTION TO RESEARCH +**

**(1 UNIT)**

This course is designed to provide an introduction to science research. Students will be given an overview of research techniques and methodology in various fields of the sciences. Students will present their experiences at a district-wide symposium. The class meets for one period, every day and is weighted as an honors course. There are no prerequisites.

**GRADES 9-12**

**D606AH...SCIENCE RESEARCH 1 +**

**(1/2 UNIT)**

Students review scientific literature, design research projects, and present their initial findings at a district-wide symposium and a regional symposium. Students will work to be paired with a mentor and are expected to conduct a minimum of five (5) hours per week of research outside of class meeting time. The class meets for one period, every-other day and is weighted as an honors course.

**PREREQUISITE:** Successful completion of Introduction to Research course OR permission of the Science Research Instructor

**GRADES 10 - 12**

**\*\*SUMMER SCIENCE RESEARCH FOR THE UNIVERSITY OF ALBANY (JULY – AUGUST)**

Students will work with a mentor to learn natural science research methodologies, access scientific databases, use online bibliographic search techniques, consult doctoral-level research scholars, develop hypotheses and perform experiments to test them. Successful completion of the course earns two (2) University of Albany credits only.

**PREREQUISITE:** Successful completion of Science Research 1, be working with an approved mentor, and have the permission of the Science Research Instructor

**GRADES 11 & 12**





**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2019-20 SCHOOL YEAR WAS \$160 PER COURSE AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

**D607AC...\*\*SCIENCE RESEARCH 2 ±**

**(1/2 UNIT)**

Students will continue to work with a mentor to learn natural science research methodologies, access scientific databases, use online bibliographic search techniques, consult doctoral-level research scholars, develop hypotheses and perform experiments to test them. Students will participate in writing research papers and make presentations at a district-wide symposium and regional symposia. Students are expected to conduct a minimum of five (5) hours per week of research outside of class meeting time. Successful completion of the course earns four (4) University of Albany credits. The class meets for one period, every-other day and is weighted as an honors course.

**PREREQUISITE:** Successful completion of Research 1, be working with an approved mentor and have the permission of the Science Research Instructor

**GRADES 11 & 12**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2019-20 SCHOOL YEAR WAS \$160 PER COURSE AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

**D608AC...\*\*SCIENCE RESEARCH 3 ±**

**(1/2 UNIT)**

This is the third year of University of Albany Research through which students continue to work with a mentor to further expand their knowledge of natural science research methodologies, access scientific databases, use online bibliographic research techniques, consult doctoral-level research scholars, develop hypotheses and perform experiments to test them. Students will participate in writing research papers and make presentations at a district-wide symposium and regional symposia. Students are expected to conduct a minimum of five (5) hours per week of research outside of class meeting time. Successful completion of the course earns four (4) University of Albany credits. The class meets for one period, every-other day and is weighted as an honors course.

**PREREQUISITE:** Successful completion of Science Research 1 and Science Research 2, be working with an approved mentor, and have the permission of the Science Research Instructor

**GRADE 12**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2019-20 SCHOOL YEAR WAS \$160 PER COURSE AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

**D420SE.....THE SCIENCE OF SICKNESS: DISEASE DETECTIVES (FALL) (1/2 UNIT)**  
**MUST BE TAKEN WITH INVESTIGATING CURRENT TOPICS OF SICKNESS**

Infectious diseases are a serious threat to world health. The warming trend in the global climate, coupled with increased international travel, has resulted in infectious outbreaks that spread more rapidly, and that now affect regions with more temperate climates, including the United States. Many diseases that had been contained, such as dengue fever, have re-emerged as global health threats. What do we need to know to stay safe? This course examines the science of public health with a focus on human communicable diseases. It will include exploration of the human immune system and its responses, the different pathogenic organisms (ex. bacteria versus viruses), vector-borne versus human-to-human transmission of disease, in addition to historical pandemics. Bioterrorism and the use of infectious diseases as a weapon will be discussed. Various highly-engaging source materials and activities, including interactive websites, web-based activities, and the analysis of movies for scientific accuracy, will be used in addition to more traditional learning methods.

**PREREQUISITE:** This course would be available for students in grades 9-12. It is recommended that students have already passed the Living Environment course and Regents exam, or can be taken concurrently with Living Environment Honors.

**D425SE.....INVESTIGATING CURRENT TOPICS IN SCIENCE (SPRING) (1/2 UNIT)**  
**MUST BE TAKEN WITH THE SCIENCE OF SICKNESS: DISEASE DETECTIVES**

Are you curious about what's going on in the world around you? Do you want to learn more about topics that you see on the news that affect you and/or the world? GMOs, life on other planets, climate change, drones, dinosaurs, increase in severe weather, Genetic Engineering, cloning, Artificial Intelligence, space travel to name a few! From the subatomic to the cosmic, the beginnings of time to the future, the options are limitless! You don't have to be a science "nerd" to pursue your interests! This course will present current issues of a local, national, and/or global scale. Topics are selected from the fields of environmental science, medicine, biology, genetics, chemistry, and/or physics based upon individual interest. This course will consist of class discussions, research, in-class projects, activities, and presentations in the students' individual topics. Join us for the chance to explore our constantly changing world.

**PREREQUISITE:** This course would be available for students in grades 9-12. It is recommended that students have already passed a Regents science course and the associated Regents exam.

# WORLD LANGUAGES AND ENGLISH AS A NEW LANGUAGE (ENL)



GRADE 7	GRADE 8	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Language 1A	Language 1B  Students take Checkpoint A Exam	Language 1  Language 2, 2H	Language 2  Language 3, 3H  Students take Checkpoint B Exam	Language 3  Language 4, 4H	Language 4  College Level Language  AP Spanish Language & Culture  AP Italian

**E110FR ... FRENCH 1** (1 UNIT)  
**E210FR ... GERMAN 1** (1 UNIT)  
**E310FR ... ITALIAN 1** (1 UNIT)  
**E410FR ... SPANISH 1** (1 UNIT)

This is a year-long commencement course designed for students who have not earned a credit in the chosen language. Students are afforded the opportunity to develop reading, writing, speaking and listening skills in the chosen language. Students will also be exposed to the culture of the chosen language.

**PREREQUISITE:** NONE

**E500FR ... ASL 1** (1 UNIT)

This is a year-long commencement course designed for students who have not earned a language credit and students who would like to seek an elective language credit. Students are afforded the opportunity to develop proficiency in signing while exploring the culture of the deaf community.

**PREREQUISITE:** NONE

**E511FR.....ASL 2**

ASL 2 is the first year of intermediate language study. Upon successful completion of this level, students will continue to ASL 3. Successful completion of ASL 3 and the Checkpoint B assessment will grant students the credit needed to earn the Advanced Regents diploma. In this level, attention is devoted to improving students' receptive and expressive skills to ensure effective communication while signing. Students will also be exposed to Deaf culture.

**PREREQUISITE:** Successful completion of ASL 1 or a grade of 65 or above on the locally administered ASL exam (at the end of ASL1B)

- E120FR ... FRENCH 2 .... E120FH ... FRENCH 2H+ (1 UNIT)**
- E220FR ... GERMAN 2 ... E220FH ... GERMAN 2H+ (1 UNIT)**
- E320FR ... ITALIAN 2 ..... E320FH ... ITALIAN 2H+ (1 UNIT)**
- E420FR ... SPANISH 2 ... E420FH ... SPANISH 2H+ (1 UNIT)**

Language 2 is the first year of intermediate language study. While continued attention is devoted to speaking and listening skills in the second language, reading and writing skills are more strongly emphasized.

**PREREQUISITIE:** A grade of 65 or above on the Checkpoint A exam; **HONORS LEVEL:** Language 1B grade of 90 or better as of the end of the first semester (second quarter)

**E512FR.....ASL 3 (1 UNIT)**

ASL 3 is the second year of intermediate language study. Students take the Checkpoint B assessment at the end of this year which grants them the credit needed to earn the Advanced Regents diploma. In this level, attention is devoted to improving students' receptive and expressive skills to ensure effective communication while signing. Students will also be exposed to Deaf culture and history.

- E130FE ... FRENCH 3 ..... E130FH ... FRENCH 3H+ (1 UNIT)**
- E230FE ... GERMAN 3 ... E230FH ... GERMAN 3H+ COLLEGE GERMAN+ (1 UNIT)**
- E330FE ... ITALIAN 3 ..... E330FH ... ITALIAN 3H+ (1 UNIT)**
- E430FE ... SPANISH 3 .... E430FH ... SPANISH 3H+ (1 UNIT)**

Language 3 is the conclusion of intermediate language study. Students are prepared for the Checkpoint B Exam (formerly the Regents Examination) in the target language.

**PREREQUISITE:** Language 2; **HONORS LEVEL:** Language 2 grade of 90 or better as of the end of the first semester (second quarter)

- E140FR ... FRENCH 4 .... E140FH ... FRENCH 4H+ (1 UNIT)**
- E240FR ... GERMAN 4 ... E240FH ... GERMAN 4H+ \*\*COLLEGE GERMAN II± (1 UNIT)**
- E340FR ... ITALIAN 4 .... E340FH .... ITALIAN 4H+ (1 UNIT)**
- E440FR ... SPANISH 4 ... E440FH ... SPANISH 4H+ (1 UNIT)**

Language 4 is designed to allow students to apply the previously ascertained skills of listening, speaking, reading and writing in real-life, communicative situations.

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**PREREQUISITE:** Language 3; **HONORS LEVEL:** Language 3 grade of 90 or better as of the end of the first semester (second quarter)

**GRADES: 11 - 12**

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<b>E144FC ... **College FRENCH ±</b>	<b>(1 UNIT)</b>
<b>E244FC ... **College GERMAN III; GERMAN V±</b>	<b>(1 UNIT)</b>
<b>E344FC ... ** College ITALIAN ±</b>	<b>(1 UNIT)</b>
<b>E444FC ... **College SPANISH ±</b>	<b>(1 UNIT)</b>

A college level course taught by high school faculty who have been approved by the appropriate academic departments at collaborating universities. The program provides high school students with the opportunity to earn college credit prior to graduating from high school. Units are transferable to other colleges and universities. (If a student has questions about a particular institution, that student should contact the institution directly to seek clarification about its transfer credit policy).

**PREREQUISITE:** Language 4 grade of 80% or better by the end of the first semester (second quarter)

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE.**

<b>E460FC ... AP SPANISH LANGUAGE AND CULTURE ++</b>	<b>(1 UNIT)</b>
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The AP Spanish Language and Culture course is conducted in Spanish and is equivalent to an intermediate level college Spanish course. The course has a strong communicative focus and centers around 6 principle themes: Beauty and Aesthetics, Contemporary Life, Families and Communities, Global Challenges, Personal and Public Identities and Science and Technology. The course is designed to engage students in an exploration of culture in both contemporary and historical parameters and provide students with opportunities to improve their proficiencies in listening, speaking, reading and writing skills in order to succeed on the AP Spanish Language and Culture Exam. Students enrolled in this course will be required to take the advanced placement examination in May. **AP EXAM AND AP EXAM FEE REQUIRED.**

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**PREREQUISITE:** Students who wish to take AP Spanish Language and Culture should have either an average of 90% or higher in Level 4 Spanish, or be recommended by a Spanish teacher.

**GRADE 12**

***FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.***

**E355FC ... AP ITALIAN LANGUAGE AND CULTURE ++ (1 UNIT)**

The AP Italian Language and Culture course is conducted in Italian and is comparable to an intermediate level college Italian course. The course has a strong communicative focus and centers around six (6) principle themes: Beauty and Aesthetics, Contemporary Life, Families and Communities, Global Challenges, Personal and Public Identities, and Science and Technology. The course is designed to engage students in an exploration of culture in both contemporary and historical parameters and provide students with opportunities to improve their proficiency in listening, speaking, reading and writing skills in order to succeed on the AP Italian Language and Culture Exam. **AP EXAM AND AP EXAM FEE REQUIRED.**

**PREREQUISITE:** Average of 90% or higher in Level IV Italian; **OR** be recommended by an Italian teacher or administrator

**GRADE 12**

***FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.***

**E405AE ... SPANISH FOR SPANISH SPEAKERS I (Full Year A/B Day) (1/2 UNIT)**

This course is conducted entirely in Spanish and is meant for the student who is orally fluent in Spanish, but who may have limited formal training in the language. The course will teach academic Spanish language and will incorporate all four language modalities (listening, speaking, reading and writing). Reading of Spanish and Latin American narratives will frame classroom activities.

**PREREQUISITE:** NONE

**GRADES 9 – 12**

**E406AE ... SPANISH FOR SPANISH SPEAKERS II (Full Year A/B Day) (1/2 UNIT)**

This course is conducted entirely in Spanish and is meant for the student who is orally fluent in Spanish, but who may have limited formal training in the language. The course will teach Academic Spanish language and will incorporate all four language modalities (listening, Speaking, reading and writing). Reading of Spanish and Latin American narratives will frame Classroom activities

**PREREQUISITE:** Students must either be native or heritage Spanish and be in the 10<sup>th</sup> grade. Completion of Level I Spanish for Spanish Speakers is recommended, not required.

**GRADES 10-12**

## \*\*\* ENL \*\*\*

E501FR ... ENGLISH AS A NEW LANGUAGE 9/10	(1 UNIT)
E502FR ... ENGLISH AS A NEW LANGUAGE 10/11	(1 UNIT)
E503FR ... ENGLISH AS A NEW LANGUAGE 11/12	(1 UNIT)
E504FR ... ENGLISH AS A NEW LANGUAGE TRANSITIONAL 9/10	(1 UNIT)
E505FR ... ENGLISH AS A NEW LANGUAGE TRANSITIONAL 11/12	(1 UNIT)

The English as a New Language Program provides English Language Learners with the skills needed to be successful academically. The students are afforded opportunities to improve listening, speaking, reading and writing skills in English. Instruction is provided in co-taught content classes and Stand Alone ENL classes. The program fosters an understanding and appreciation of the new culture in which the student now lives, as well as preserve the student's identity with his/her own native culture.

**PREREQUISITE:** NYSITELL or NYSESLAT SCORE



# TYPICAL VISUAL ARTS SEQUENCES

## YEAR 1

**\*\* Meets Fine Arts requirement for graduation**

**\*\*Studio in Art – 1 Unit**

**\*\*Media Arts (Media 1) –1 Unit**

**\*\*Design and Drawing for Production – 1 Unit**

**Digital Photography IA- (A/B day for full year) – 1/2 Unit**

**Introduction to Computer Arts (A/B day for a full year) – 1/2 Unit**

**Greatest Hits of Art History – ½ Unit**

## YEAR 2

**Painting and Drawing I - 1 Unit**

**Studio in Sculpture and Ceramics - 1Unit**

**Studio Fashion Illustration and Design – 1 Unit**

**Computer Graphics – 1 Unit**

**Media II – 1 Unit**

**Advanced Digital Photography – 1 Unit**

**Studio in Interior Design – 1 Unit**

## YEARS 3 & 4

**Portfolio Workshop - 1 Unit**

**Painting and Drawing II - 1 Unit**

**AP Art 2D or AP Studio Art - Drawing – 1 Unit**

**Digital Photo Portfolio Preparation – 1 Unit**

**Media II – 1 Unit**

**Media Portfolio – 1 Unit**

**Advanced Computer Graphics – 1 Unit**

**Advanced Graphic Design - 1 Unit**

**College Sculpture I – 1 Unit**

**College Advanced Sculpture – 1 Unit**



# ART

## **J505FE ... STUDIO IN ART \*\***

**(1 UNIT)**

Studio in Art is a comprehensive foundation course. It is a pre-requisite to all elective art courses except Digital Photography, Theater Arts, and Computer Arts. Studio in Art offers an overview of techniques, skills, and processes to create artworks in a variety of media. Students will develop an understanding of the elements and principles of art and apply them to create their own art. This project-based class will use a variety of art materials, tools and digital technology to create two and three dimensional works. Studio in Art encourages students to think creatively, increase their ability to observe and gain an appreciation of the art making process. Students will gain an awareness of the cultural contributions of visual art in society today and throughout history.

**PREREQUISITE:** None

**GRADES:** 9 - 12



## **J715FE ... PAINTING AND DRAWING I**

**(1 UNIT)**

Painting and Drawing I is designed to help further the following skills; the use of painting materials, the ability to observe and an awareness and appreciation of art, past and present. Instruction in this class will cover color theory, mixing and applying paint to canvas to achieve a variety of effects, composition, design elements and principles and various painting movements. As skills are developed, the growth of each individual student's style is encouraged. Students will continue to analyze and critique artworks to gain a deeper understanding of the cultural contributions of visual art in the context of history. The drawing section covers a basic exploration of a variety of techniques using pencil, ink, charcoal and pastels. Students will learn how to successfully draw a wide variety of subject matter while experimenting with different color schemes and compositions. This course further develops students' understanding of drawing techniques and introduces more complex methods of image development. The principal elements of two-dimensional design will be covered in greater depth. Students will continue to analyze and critique artworks to gain a deeper understanding of the cultural contributions of visual art in the context of history. Students are expected to develop a portfolio of their artwork, either originals or photographs in order to prepare for college or career applications.

**PREREQUISITE:** Studio in Art or Design and Drawing for Production

**GRADES 10 – 12**

**J405FE ...PAINTING AND DRAWING II****(1 UNIT)**

This course will continue to build upon the following skills; the use of painting materials, the ability to observe and an awareness and appreciation of art, past and present. Instruction in this class will cover color theory, mixing and applying paint to canvas to achieve a variety of effects, composition, design elements and principles and various painting movements. Students will continue to analyze and critique artworks to gain a deeper understanding of the cultural contributions of visual art in the context of history. The drawing section covers a greater exploration of a variety of techniques using pencil, ink, charcoal and pastels. The principal elements of two-dimensional design will be covered in greater depth. Students will continue to analyze and critique artworks to gain a deeper understanding of the cultural contributions of visual art in the context of history. Students are expected to develop a portfolio of their artwork, either originals or photographs in order to prepare for college or career applications.

**PREREQUISITE:** Painting and Drawing I  
**GRADES 11 & 12**

**J725FE ... STUDIO IN SCULPTURE AND CERAMICS****(1 UNIT)**

This course is designed to develop the student's ability to combine materials in an aesthetic manner. This 3D studio environment will delve into a variety of media. Some of the processes covered are assemblage, carving, casting and relief sculpture. Ceramics students will use clay to produce historical, contemporary and cultural pottery. Hand building with coils and slabs, wheel throwing, glazing and exploration of textures are involved. Self-discipline and a willingness to seek new challenges are expected. Students will continue to analyze and critique artworks to gain a deeper understanding of the cultural contributions of visual art in the context of history. Students are expected to develop a portfolio of their artworks, either originals or photographs in order to prepare for college or career applications.

**NOTE: This course may be repeated for course credit.**

**PREREQUISITE:** Studio in Art or Design and Drawing for Production  
**GRADES 10 – 12**

**J735FE ... STUDIO FASHION ILLUSTRATION & DESIGN****(1 UNIT)**

The course is designed for students to develop and draw fundamental figures with proportion through life drawing and analysis of photographs to create fashion illustrations. Current and historical trends are stressed. Design solutions, draping techniques, hand sewing skills and accessories will be covered.

Students explore the design potential of textile design found in geometry and nature. Emphasis will be placed on an overview of the history of fashion and textile design from pre-history through Egyptian, Greek, Roman, and Renaissance periods into the modern era. Basics of color and design principles are stressed with various mediums such as pencil, charcoal, ink, pastel and watercolor. Students will continue to analyze and critique artworks to gain a deeper understanding of the cultural contributions of visual art in the context of history. Students are expected to develop a portfolio of their artwork, either originals or photographs in order to prepare for college or career applications.



**PREREQUISITE:** Studio in Art or Design and Drawing for Production  
**GRADES 10 -12**

**J901SE ... PORTFOLIO WORKSHOP**

**(1 UNIT)**

Portfolio Workshop is an advanced art class for those students who plan on continuing to study art and/or architecture at the college level. The main focus of this class is the student's individual portfolio development. Students will continue to develop their artistic styles while increasing their individual skills in technique. This course will provide students with opportunity to further develop their portfolios in preparation for the AP Studio in Art course as well develop a comprehensive portfolio for college admissions.

**PREREQUISITE:** Studio in Drawing, Studio in Painting, or Painting and Drawing I  
**GRADES 11 & 12**

**J545AE ... DIGITAL PHOTOGRAPHY IA (A/B DAY FULL YEAR)**

**(1/2 UNIT)**

This course involves the integration of traditional photographic formats, i.e. camera handling, composition, lighting & design with digital visual communication tools for the desktop computer. Major emphasis is placed on successfully using Adobe Photoshop, a program that can expand the visual vocabulary of photographers, designers and illustrators. Students will be able to see the importance of computers and technology, while creatively expressing ideas through color photo images. Cameras are required.

**PREREQUISITE:** None  
**GRADES 9 – 12**



**J555FE ... ADVANCED DIGITAL PHOTOGRAPHY II**

**(1 UNIT)**

Continuation of Basic Digital Photography with an emphasis on the expansion of the concepts and techniques photography covered in the basic course, highlighting the development of a student's individual photographic style. Cameras are required.

**PREREQUISITE:** Digital Photography I  
**GRADES 10 – 12**

**J903FE ... DIGITAL PHOTOGRAPHY PORTFOLIO PREPARATION**

**(1 UNIT)**

This advanced digital photography course is designed for students who have successfully completed both Digital Photography I and Digital Photography II (Advanced Photography). The main focus of Digital Photography Portfolio Preparation is the development of the student's own individual artistic photographic style, which is achieved through the student's quarterly exploration of a single photographic style, subject matter or movement. The result is the completion of 4 mini portfolios, a broader knowledge of photography as a fine art and students will develop a comprehensive portfolio of quality works that can be used for college admissions.

**PREREQUISITE:** Digital Photography I, Digital Photography II and the recommendation of the teacher  
**GRADES 11 & 12**

**J575FE ...MEDIA ARTS (Media I)\*\*****(1 UNIT)**

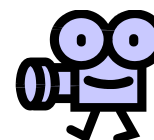
This course gives students a practical introduction to the fundamentals of video production. Through the viewing, analyzing and critiquing of both professional film and prior student work, students will observe techniques and apply them to their own work. Course content will also include scripting scenarios and storyboarding (illustrating) scenes for video projects. Students will learn to apply the elements and principles of design and movement using video cameras and non-linear editing workstations.

**PREREQUISITE:** None (This course may be substituted for the 1 unit ART requirement by all students.)  
**GRADES 9 – 12**

**J585FE ... MEDIA ARTS II****(1 UNIT)**

This course builds on the fundamentals that are established in Media I. It gives students a disciplined approach to the principals and practical application of video production. Students will focus on directing short field productions. Emphasis will be placed on pro-production (scripting/storyboarding), production (camera work), and post-production (editing/critical analysis). As this is an advanced class, students will be working more independently and are required to be in attendance for after school and weekend activities.

**PREREQUISITE:** Media I  
**GRADES 11 & 12**

**J595FE ... MEDIA PORTFOLIO****(1 UNIT)**

Media Portfolio is a class designed for the student that has successfully completed both Media I and II and is possibly considering a career in either TV studio production or film. In addition to remaining current and active in their third year with other like-minded media students such as participating in live edits and in school interning with MSG Varsity, there are two elements in mind for the Media Portfolio student. The media portfolio student will continue to refine his or her skills as it relates to camera work and editing, building on previous learned skills. Additionally, an emphasis will be placed on writing for and collecting content based on the needs of the actual piece being developed. The student will also look critically at what they have created, make edits and refine and will create new work with the ultimate goal of creating an interactive portfolio (a DVD complete with finished work, behind the scenes and other material that would help to present student thought process and growth) that spans the student's three years of work in the Lindenhurst High School Media Program.

**PREREQUISITE:** Media I, II, and recommendation of teacher  
**GRADES 11 & 12**

**J904AE ... INTRODUCTION TO COMPUTER ARTS (Full Year A/B Day)****(1/2 UNIT)**

Introduction to Computer Art will explore many facets of creating art using computer hardware and software. Students will explore state of the art digital tools contained in Adobe Illustrator, PhotoShop and other programs. Using existing images, traditionally created (pencil and paper) images, or images captured by the use of a device (smart phone, camera, etc.), students learn to make selections, draw, manipulate tonal and color control, apply filters and more. Attaining the technical and creative skills in this class will adequately prepare students for a pathway to classes such as Computer Graphics and Media.

**PREREQUISITE:** None  
**GRADES 9 – 12**

**J605FE ... COMPUTER GRAPHICS I****(1 UNIT)**

Throughout the school year students explore the idea that when using a computer in a generative, uniquely “computer” way, new forms can emerge. Students will learn to apply and build upon their knowledge of various software applications (such as Adobe Illustrator and PhotoShop) through layout, design and image editing/creation. Various projects that will cover the elements and principles of design include but are not limited to pictograms, logos, typography manipulation, poster/ad layout and marketing prototype. Students that successfully complete Computer Graphics 1, should consider a pathway to Computer Graphics 2 and/or Media.

**PREREQUISITE:** Intro to Computer Arts or Digital Photo**GRADES 10 – 12****J706FE ... COMPUTER GRAPHICS II****(1 UNIT)**

Computer Graphics 2 will build upon the skills and techniques acquired in Computer Graphics 1. This is a working studio class that will utilize the computer however more importantly, it will focus on design. Through demonstrations and hands-on work, students will acquire new artistic skills and learn to solve visual problems. Students considering a career path in advertising and design should consider this course and begin a conversation with their guidance counselor.

**PREREQUISITE:** Computer Graphics I**GRADES 11 & 12****J805FE ... GRAPHIC DESIGN****(1UNIT)**

This is a computer studio lab class that deals with advanced concepts in graphic design. The class will emphasize practical solutions and individual approaches to design oriented problem solving through professional standards or execution.

**PREREQUISITE:** Computer Graphics I or Computer Graphics II**GRADES 11 & 12****J625FA ... AP ART 2D OR 3D ++****(1 UNIT)****AP STUDIO IN ART: DRAWING**

This course is a college-level course for very serious and advanced artists. Students are required to work on and submit either a general or drawing portfolio. The portfolios will be judged in the areas of: a. Quality; b. Concentration; and c. Breadth, with a central theme encompassing all work. Five pieces of original art and digital portfolio will be submitted to the College Board for grading. All work has to be submitted according the Board’s specifications. This course is an appropriate complement to required and elective course in art and is open to students upon successful completion of Studio in Art and one credit in Art Elective. AP art students will complete the course having a comprehensive portfolio or quality works that can be used for college admissions.

**AP EXAM AND AP EXAM FEE REQUIRED.****PREREQUISITE:** Painting and Drawing I or Portfolio**GRADES 11 & 12**

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY  
ADVANCED PLACEMENT CLASS.**

**M285FE ... DESIGN & DRAWING FOR PRODUCTION\*\***

**(1 UNIT)**

This program is more than just conventional technical drafting. Students will learn about the elements of design and how designing relates directly to drafting. The first semester of the course is devoted to the study of various drawing types and the subsequent development of the skills needed to produce them. After mastering two-dimensional, geometric construction and pattern making, students will develop three dimensional pictorial drawings.

In the second semester, students will work on dimensioning techniques, working drawings, and designing projects. Scale models, plans, and a full size project will be designed by teams of students.



**PREREQUISITE:** None (This course may be substituted for the 1 unit ART requirement by all students.)

**GRADES 9 – 12**

**J740FE... STUDIO IN INTERIOR DESIGN (pending PAC and BOE approval) (1 UNIT)**

The Studio in Interior Design course will provide students with the knowledge of interiors, architecture, art, and the decorative arts' historical and cultural contexts. Students will understand the global perspective for design and learn to develop designs within the parameters of ecological, socio-economic, and cultural contexts. Students will be able to apply the art elements and principles to 2D and 3D designs and understand the effect color theory plays on their designs. Students will be able to select specific furnishings, fixtures, equipment, and finish materials to create aesthetically pleasing interior spaces. Students will learn that the design process must thoroughly resolve any issues within a space by exploring human behavior and coming up with solutions to make living in a space easier, more efficient, and more enjoyable. Students will be introduced to careers as interior designers in industries such as manufacturing, retail, furniture production, showroom design, and real estate. Students will create a portfolio of their work to be submitted either for an AP 2D Art credit or for college submissions.

**PREREQUISITE:** Design & Draw for Production (DDP) or Studio Art

**GRADES: 10 – 12**

**J630FA ... AP ART HISTORY\*\*++**

**(1 UNIT)**

The Advanced Placement course in Art History is designed to introduce students to the understanding and enjoyment of works of art. The class begins with prehistoric art and ends with art of the 1990's. It is intended to provide students with a familiarity of art, its major movements and figures, and its relationship to the historical period in which it was created, including the social, political, religious, and personal messages of art. The elements and principles of designs, as well as techniques and media will be stressed through the use of slides, reproductions, demonstrations, and field trips. Critical writing skills using the vocabulary of art are emphasized. No prior experience in art is necessary. Students with an academic commitment to history, literature, creative writing, or advanced art are encouraged to enroll. AP exam and AP exam fee required.

**PREREQUISITE: None**

**GRADES 10 – 12**

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY  
ADVANCED PLACEMENT CLASS.**

**J530AE...GREATEST HITS OF ART HISTORY (Full Year A/B Day) (1/2 UNIT)**

This course will highlight principle movements in art by analyzing a selection of artwork listed in the AP Art History curriculum through multimedia presentations, collaborative work, and hands-on experiences with art materials to gain insight into the creative process.

**PREREQUISITE: None  
GRADES 9 – 12**

**J626FA...COLLEGE SCULPTURE I+ 1—3 Cr. (1 UNIT)**

**SCCC Course: Art 171 Sculpture**

Introduction to the fundamentals of sculpture emphasizing the figure. Various problems in form are explored. Emphasis on modeling techniques in clay and other materials. (1 lecture, 4 studio hours each week.)

**PREREQUISITE: Studio in Sculpture and Ceramics  
GRADES 11 & 12**

**J627FA...COLLEGE ADVANCED SCULPTURE+ 1—3 Cr. (1 UNIT)**

**SCCC Course: Art 172 Advanced Sculpture**

Continued investigation of skills and concepts learned in COLLEGE Sculpture I.

**PREREQUISITE: COLLEGE Sculpture I  
GRADES 11 & 12**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE.**

# TYPICAL PERFORMING ARTS SEQUENCES

## YEAR 1

**\*\* Meets Fine Arts requirement for graduation**

**\*\*General Chorus – 1 Unit**

**\*\*Concert Band – 1 Unit**

**\*\* String Orchestra – 1 Unit**

**\*\* Symphony Orchestra – 1 Unit**

**\*\*Music Theory – 1 Unit**

**\*\*Dance I- 1 ½ Units**

**Music of the 20<sup>th</sup> Century – 1 Unit**

**Class Guitar – ½ or 1 Unit**

## YEAR 2

**Dance II – 1 Unit**

**\*\*Concert Choir - 1 Unit**

**\*\*Symphonic Band - 1Unit**

**\*\*Symphony Orchestra – 1 Unit**

**\*\*Music Theory – 1 Unit**

**Class Guitar II – ½ or 1 Unit**

## YEARS 3 & 4

**Advanced Dance - 1 Unit**

**\*\*Concert Choir - 1 Unit**

**\*\*Symphonic Band - 1Unit**

**\*\*Symphony Orchestra – 1 Unit**

**\*\*Music Theory – 1 Unit**

**College Dance – 1 Unit**

**AP Music Theory – 1 Unit**

**Class Guitar II – ½ or 1 Unit**



# PERFORMING ARTS

## MUSIC/DANCE

### J905FE ... GENERAL CHORUS\*\*

(1 UNIT)

This course is open to all students who enjoy singing and would like to get involved in the choral music program. No audition is required. Students are required to perform at the winter and spring concerts during the school year. As a course requirement, students are legally excused from one class period per week on a rotating basis for vocal lessons. The periods of the day vary as per faculty schedule. This course may be taken more than one year. This course is also offered for ½ unit credit as (A, B) day. **NOTE:** This course may be repeated for course credit.

**PREREQUISITE:** None  
**GRADES 9 – 12**  
**NO AUDITION IS REQUIRED**



### J925FE ... CONCERT CHOIR\*\*

(1 UNIT)

This course is open to all 10th, 11th and 12th grade students who pass a simple audition. Music sung represents all styles and provides a broad basis for cultural enrichment. Choir members are eligible to audition for Suffolk County High School Chorus, and New York State All-State. Besides performing at school concerts, the chorus will sing upon request at special events in and out of school. Small groups sometimes represent the choir as a whole. As a course requirement, students are legally excused from one class period per week on a rotating basis for vocal lessons. The periods of the day vary as per faculty schedule. **NOTE:** This course may be repeated for course credit.

**PREREQUISITE:** General Chorus, Audition, recommendation of General Chorus Director  
**GRADES 10 - 12**

### J745FE ... CONCERT BAND \*\*

(1 UNIT)

This is one of two bands in the band program at Lindenhurst High School. This course emphasizes the reading and development of contemporary as well as the standard band literature. Special emphasis is placed upon balance, blend, intonation, articulation, technique and interpretation as well as basic music theory and sight-reading. In addition, students are encouraged to participate in the NYSSMA solo festival by preparing individual solos for performance and evaluation by a professional adjudicator. Members receiving successful evaluation are eligible to be considered for local, county and state festivals. Two (2) school concerts a year (winter and spring), as well as, touring in district at various award ceremonies and graduations, and out of district at various festivals and performances. Students must attend all public performances.

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As a course requirement, students are legally excused from one class per week on a rotating basis for lessons. The periods of the day vary as per faculty schedule. This band is essentially a high school training ensemble. All are welcome and no audition is necessary for this ensemble. This course is also offered for ½ unit credit as alternate (A,B) day. NOTE: This course may be repeated for course credit.

## **GRADES 9 – 12**

### **J935FE ...SYMPHONIC BAND \*\***

**(1 UNIT)**

This is one of two bands in the band program at Lindenhurst High School. This course emphasizes the reading and development of contemporary as well as the standard band literature. Special emphasis is placed upon blend, intonation, articulation, technique and interpretation as well as basic music theory and sight reading. In addition, students are encouraged to participate in the NYSSMA solo festival by preparing individual solos for performance and evaluation by a professional adjudicator. Members receiving a successful evaluation are eligible to be considered for local, county and state festivals. Two school concerts a year (winter and spring) as well as touring, in district, at various award ceremonies and graduations, and out of district at various festivals and performances. Students must attend all public performances. As a course requirement, students are legally excused from one class per week on a rotating basis for lessons. The periods of the day vary as per faculty schedule. This band consists of selected instrumentalists usually reserved for those wind and percussion performers who have had previous training. Since this is the elite ensemble of the Band Program, students must exhibit superb musicianship, maturity and dedication and are expected to participate at all activities and performances. This course is also offered for ½ unit as alternate day (A/B). NOTE: This course may be repeated for course credit.

**PREREQUISITE:** Concert Band, recommendation of Concert Band Director, Audition

## **GRADES 10 – 12**



### **J790FE...MUSIC OF THE 20<sup>th</sup> CENTURY**

**(1 UNIT)**

This course seeks to study the music of the 1900's by focusing on interdisciplinary studies. Students will study different genres of music by understanding the social concepts and implications of the historical periods in which they occurred. Students will learn through listening examples, reading, video excerpts, and lecture by the instructor. Topics include: The Roaring Twenties, Jazz Eras, The Blues, emergence of American Musicals, Rock of the 50's through present day, and funk.

**PREREQUISITE:** None

## **GRADES 9 – 12**

### **J855FE ... STRING ORCHESTRA \*\***

**(1 UNIT)**

This orchestra course is for intermediate string students. The course will allow students to acquire the skills, habits and techniques for effective musical expression. Programs are chosen from the standard orchestra literature based upon instrumentation and proficiency of the membership. Students will participate in ensemble performances, gaining insight into the principles of artistic playing. Public performances such as the winter and spring concerts are a course requirement, as well as small group lessons which are scheduled on a rotation basis.

**PREREQUISITE:** Successful completion of previous year's Orchestra course and recommendation of the Orchestra Director

## **GRADES 9 – 12**

**J865FE ... SYMPHONY ORCHESTRA \*\*****(1 UNIT)**

This course is for intermediate to advanced string students. This course will allow students to acquire and reinforce necessary skills, habits and techniques for effective musical expression. Orchestral literature chosen reflects a variety of genres that span the major musical periods. Requirements include public ensemble performances, such as the winter and spring concerts as well as small group lessons. Students will be legally excused from their class to attend a weekly lesson that will be scheduled on a rotating basis. This course can be taken more than once. This course is also offered for ½ unit credit as alternate (A, B) day. NOTE: This course may be repeated for course credit.

**PREREQUISITE:** Successful completion of previous year's Orchestra course and recommendation of the Orchestra Director

**GRADES 9 – 12****J785FE ... MUSIC THEORY \*\*****(1 UNIT)**

Music Theory will begin with basic music notation and progress to the study of major/minor scales, key signatures, intervals, triad, rhythm, meter, voice leading and analysis. Students will also be trained in aural skills including identifying scales, intervals, triads, dictation and sight singing. The ability to read music is a requirement.

**GRADES 9 – 12****J795FA ... AP MUSIC THEORY \*\*****(1 UNIT)**

This course is a continuation of the study of music harmony and composition begun in Music Theory I. More advanced traditional harmony and compositional techniques will be studied through recordings and written by students. In addition, advanced ear training, sight singing, and dictation will be practiced on a weekly basis. Students enrolled in this class are eligible to sit for the AP exam in the spring. **AP EXAM AND AP EXAM FEE REQUIRED.**

**PREREQUISITE:** Music Theory I or approval of Coordinator

**GRADES 10 - 12**

**FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.**

**J795SE ... APPLIED MUSIC STUDY****(Full Year A/B Day)****(1/2 UNIT)**

A student studying privately with a qualified music teacher must take one lesson a week for not less than 30 minutes in length for a minimum of 36 weeks during the school year, plus a minimum of five hours of practice a week. Applications may be obtained in the Music Department Office at the beginning of the school year. Membership in Band, Choir, Orchestra or enrollment in a course in the Music Department, is MANDATORY for this program.

**PREREQUISITE:** Approval of department coordinator

**J936AE... CLASSROOM GUITAR (Full Year A/B Day) (1/2 UNIT)**  
**J936FA... CLASSROOM GUITAR (1 UNIT)**

This course is offered to students interested in learning to play the guitar. Highlights of the program will feature basic reading skills while playing a variety of music from 17<sup>th</sup> century rounds to modern rock. Because of the anticipated range of abilities, emphasis on individualized instruction and progressive learning packets will be available. This course may be taken for ½ unit on an alternate day basis.

**PREREQUISITE:** None  
**GRADES 9-12**

**J937AE...CLASS GUITAR II (Full Year A/B Day) (1/2 UNIT)**  
**J937FE...CLASS GUITAR II (Pending PAC and BOE approvals) (1 UNIT)**

This course is for intermediate and advanced guitar students. Based on the skills learned in Class Guitar I, Class Guitar II further develops the repertoire and techniques in the classical tradition, as well as more advanced soloing techniques in Rock, Blues, and Jazz. Students will be offered the opportunity to prepare for college guitar studies through various performances in and out of school. A greater emphasis will be placed on reading classical repertoire and composing original music. Students will learn the history of well-known guitarists through multimedia presentations, and will discuss and analyze their impact on various musical genres.

**PREREQUISITE:** Class Guitar I or approval of Coordinator  
**GRADES 10 - 12**

**J955FE ...DANCE I\*\* (1 UNIT)**

Using a modern dance-based approach, Dance explores movement as a creative art form. Student learning includes opportunities to develop kinesthetic awareness, proper body alignment, physical strength, flexibility, endurance and care of the dance instrument while exploring improvisational and expressive movement and basic modern dance technique. Dance elements and basic principles of composition are studied and practiced. Through dance ensemble work, students use creative and critical thinking skills to create and communicate meaning through dance movement. Students experience the role of both choreographer and dancer and have opportunities to present their work. Through the study of dance in various cultures and historical periods, students broaden their understanding of dance as an art form. Students will explore a variety of career opportunities in dance as well as connections with other art forms and subject areas. Students will create a portfolio, which contains written and visual examples of their work. NOTE: This course can be repeated for course credit.

**PREREQUISITE: NONE**  
**GRADES 9 – 12**



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**J956FE ... DANCE II**

**(1 UNIT)**

Students will examine dance as an art form and a career, expanding upon knowledge gained in Dance I. Students will continue to work on dance technique and performance, as well as discuss, research, view and write about dance. Students will also focus on choreography. In the fall, special emphasis will be placed on preparation for college auditions and the creation of portfolios and resumes. NOTE: This course can be repeated for course credit.

**PREREQUISITE:** Dance I, Audition, and recommendation of the Dance Instructor  
**GRADES 10 - 12**

**J956FA...COLLEGE DANCE+**

**SCCC Course DNC101**

**(1 credit)**

**(1 UNIT)**

The purpose of this course is to provide a sequential and comprehensive movement and dance education program to students in grades 9-12 for possible elective credit. The goals of Advanced Dance at the high school level will be to reach the advanced dancers who have studied dance as a part of their curriculum in school. Students have a broad knowledge of creative dance, have studied different genres such as ballet, modern and jazz dance, and have studied basic choreographic skills. This course is designed as an extension of Dance I where students will delve deeper into technique and dance composition. Students will become healthier physically, socially and emotionally, and continue creating dance as a form of art and expression while exploring the social impact of dance in our society. This course is meant to promote creativity and critical thinking skills needed for the 21st century learner, and prepare students for the college or professional learning experience. Students will be exposed to various career options in the area of dance. Thus, a wide variety of dance techniques, with an emphasis on dance history and dance terminology, will be incorporated into this course. The credits earned through this course can be used at a wide variety of colleges and universities.

**PREREQUISITE:** Middle School Dance or Dance I  
**GRADES 11 & 12**

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# CAREER AND TECHNICAL EDUCATION

## BUSINESS

The Business Education Department has courses and programs to meet a variety of student interests and needs. A large number of Lindenhurst students who pursue a two-year or four-year college degree will major in some aspect of business or communications. This is not surprising when we consider that most jobs will require a business background. These courses provide access to higher-paying employment opportunities. They also provide a sound foundation for a college education, and for individuals planning on opening their own businesses.

**Courses in the Business Department are organized into state approved career pathways. Students who complete a 3 ½ unit sequence in Career Technical Education will receive a CTE endorsement on their diploma. Students who complete a sequence may substitute the sequence for the second and third required unit in foreign language to achieve a Regents Diploma with Advanced Designation. State approved pathways are subject to state review.**

### **REQUIRED COURSE:**

**FO01AE ...L.I.F.E. AND PERSONAL FINANCE (FULL YEAR A/B Day) (1/2 UNIT)**

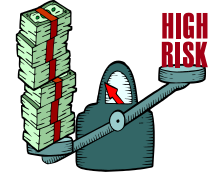
**Formerly Career and Financial Management (CFM)**

L.I.F.E. stands for Lessons In Financial Education. The purpose of this course is to provide students with the opportunity to learn about the features of our economy, explore a variety of careers, learn the skills and competencies needed for success in the workplace, and begin to become financially literate. This is a required course for students graduating with a Career and Technical Education sequence.

*Students who successfully complete this class will be able to:*

- Target a potential career path through self-evaluation.
- Prepare a job application and resume, and perform a job interview confidently.
- Develop a personal budget and manage money responsibly.

- Handle human relations issues with co-workers, the public, and supervisors, as manage stress, conflict, change, and decision-making.  
**GRADES 9 – 12**



## **BUSINESS FINANCIAL MANAGEMENT ACADEMY**

### **F263SE ... MARKETING (FALL)**

**(1/2 UNIT)**

The field of sports and entertainment marketing is rapidly growing. Many colleges, and universities offer specializations in sports and entertainment marketing. The business of entertainment, including movies, concerts, theme parks, and sporting events have a

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tremendous impact on our economy and provide many career opportunities. These activities are global in their reach and impact. Sports marketing is a growing division of the marketing field that focuses on the business of sports and the use of sports as a marketing tool. This class will provide students with an over-view of the sports and entertainment field from a business and marketing perspective.

**PREREQUISITE:** None  
**GRADES 9 – 12**

### **F264SE ... MANAGEMENT (SPRING)**

**(1/2 UNIT)**

Management provides students with an understanding of the management functions, various management theories and the basic organization of a business. Students learn that Business Management is the process of using the resources of a business to efficiently and effectively achieve its goals through planning, organizing, staffing, leading and controlling. The study of Business Management is an essential component in the design and delivery of a comprehensive business education curriculum.

**PREREQUISITE:** None  
**GRADES 9 – 12**

### **F270AE ... INTERNATIONAL BUSINESS**

**(FULL YEAR A/B Day)**

**(1/2 UNIT)**

International Business will introduce students to the understanding of the interrelationships between different countries' political and economic policies and business practices. Areas to be explored include:

- building awareness of the impact of International Business across the world
- communication strategies
- environmental factors
- ethics
- finance
- management practices
- import/export

- the balance of trade
- real world economics

**PREREQUISITE:** None  
**GRADES 9 – 12**



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**F255FE ... CRIME AND LAW (1 UNIT)**  
**F255FC ...\*\* CRIME AND LAW ± COLLEGE CREDIT (1 UNIT)**

**Formerly Business Law**--These courses emphasize the relationship of Business Law to an individual's personal and occupational life. Many interesting topics include LAND MARK CASES, which involve students' rights; negligence; contracts; and civil and criminal law. Major emphasis in COLLEGE LAW will be placed on topics such as corporate law, sports law, labor issues, and collective bargaining. These courses are designed to benefit those students who wish to pursue a career in law, criminal justice, or related fields. ENRICHMENT: FIELD TRIPS (People's Court TV Show, Criminal & Civil Courts), and GUEST SPEAKERS. COLLEGE CREDIT –FARMINGDALE STATE

**PREREQUISITE:** None  
**GRADES 10-12 / COLLEGE CREDIT 11 - 12**

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**F012FE ... MICROSOFT OFFICE (1 UNIT)**

Microsoft Office Specialist (MOS) is a globally recognized, standards-based certification program—the premier credential chosen by individuals seeking to validate their knowledge, skills and abilities relating to the Microsoft Office application suite. MOS certification gives students the edge in the classroom and prepares students to enter the workforce. In a competitive job market, individuals will continue to use MOS certification to differentiate themselves, prove their skills, enhance job performance, and advance their careers. In the first year, students are prepared to take the Core Word and Excel examinations. Each credential achieved may be eligible for college credit depending on the college or university.

MOS, an industry certification, will be made available to students at the completion of the Computer Information Pathway.



**PREREQUISITE:** None  
**GRADES 9 – 12**

**F013FE ...ADVANCED MICROSOFT OFFICE (1 UNIT)**

This is a course for students who wish to attain additional certifications in the areas of PowerPoint, Outlook, Access, or Expert levels of Word and Excel. The course may be repeated to earn additional credentials and potential college credits.

**PREREQUISITE:** MICROSOFT OFFICE and attainment of both Word and excel Core level certifications.

**GRADES 10 – 12**

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**F265FC...\*\*COLLEGE MARKETING ± (COLLEGE CREDIT) (1 UNIT)**

This course is designed for those students who are interested in being a part of the most exciting and lucrative industries of the future. Basic marketing principles, such as product, place, price, and promotion will be studied, and applied in sports and other rapidly growing dynamic industries. Members of this class may elect to take this course for three college credits from Farmingdale State. The students will actively use their skills to promote events, create advertisements, and engage in various other activities. Guest speakers, as well as field trips, will enhance the classroom learning process.

Topics discussed include advertising, contracts, negotiations, promotions, market analysis, research, merchandising, consumer behavior, careers in the industry, and much more.

**PREREQUISITE:** None  
**GRADES 11 – 12**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2018-19 SCHOOL YEAR WAS \$150 PER CLASS AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

**F055FC...\*\*COLLEGE ACCOUNTING I ± COLLEGE CREDIT (1 UNIT)**

College Accounting is a course designed for the average college-bound high school junior or senior who is planning to major in Accounting, Business Administration, Marketing, Retailing, Criminal Justice, or Pre-Law in college. The main objective of this course is to develop a working knowledge of financial accounting. This foundation course will expose the student to basic accounting concepts. Students will learn to record transactions and prepare financial statements. Study will provide the groundwork for future work in accounting, business or law.

This course is offered for college as well as high school credit. Students may opt to take this

course for 3 college credits from Farmingdale State.

**PREREQUISITE:** None

**GRADES 10 – 12 / COLLEGE CREDIT 11 - 12**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2018-19 SCHOOL YEAR WAS \$150 PER CLASS AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

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**F065FC... \*\*COLLEGE ACCOUNTING II ± COLLEGE CREDIT (1 UNIT)**

College Accounting II is a continuation of Introduction to College Accounting I. A major goal of this course is to provide the students with the skills necessary to interpret and use accounting information intelligently and effectively. The course provides the student with a strong foundation for subsequent courses in business, law, finance, and accounting.

College Accounting II, under an agreement with the College, is offered for college as well as high school credit. Students may opt to take this course for 3 college credits from Farmingdale State.

**PREREQUISITE:** College Accounting I

**GRADES 11 – 12**

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**F275FC ... \*\*WALL STREET ± COLLEGE CREDIT (1 UNIT)**

**Formerly Financial Investments and Decision Making**

How to become a millionaire! Students will develop knowledge of different types of investments: savings accounts, mutual funds, stocks, bonds, CD's, pension plans, options, mortgages, and much more. Emphasis is placed on investments and finance. Students will participate in the INVESTOPEDIA game. Enrichment will consist of guest speakers, field trips, the stock market contest, and classroom lectures and activities.

***Students who successfully complete this course will be able to:***

- Comprehend the stock market and learn how to make wise business decisions.
- Plan, save, and invest money for the long and short term.

- Analyze and discuss recent trends in business, such as downsizing, business take-overs, quality management, and re-engineering.
- Read and interpret a company's annual report.
- Understand why businesses succeed and why they fail.
- Members of this class may elect to take this course for three college credits from Farmingdale State.

**PREREQUISITE:** None  
**GRADES 11 – 12**

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**F100FE....\*\*VIRTUAL ENTERPRISE ±**

**(1 UNIT)**

How would you like to learn how to start your own business? Virtual Enterprise is an in-school, live, global business simulation that allows students to start their own businesses in the classroom.

Students will create and manage their virtual businesses through product development, production and distribution, marketing, sales, human resources, accounting and finance. Mentors from the community and local businesses will also participate in the execution of these businesses. This class will be offered in a computer lab where students will create their e-commerce business plans. Every students who successfully completes this course will leave with a comprehensive business plan to sell their product or service. Field trips and guest speakers will be provided throughout the year to enrich the course content. Students in this class may elect to take this course for six (6) college credits from Farmingdale State.

**PREREQUISITE:** College Accounting or Marketing/Management  
**GRADES 11 – 12**

Note: Students may take this class again in their senior year; however, they will **ONLY** receive college credit one time.

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**THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2018-19 SCHOOL YEAR WAS \$150 PER CLASS AND IS SUBJECT TO CHANGE BY THE COLLEGE.**



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**F365FE ... FASHION MERCHANDISING I**

**(1 UNIT)**

This course is a basic introduction to the terminology and fundamentals of the fashion industry. Students will be introduced to the various business areas and activities in the fashion industry. It will also analyze how fashions are designed & developed; how to reach the customer; sourcing for manufacturing, importing & exporting; costing & pricing structures; and the career & business opportunities available in the industry.

**PREREQUISITE:** None  
**GRADES 9 – 12**

**F565FC ... \*\*FASHION MERCHANDISING 2 ±  
(COLLEGE CR.)**

**(1 UNIT)**

This in-depth study of fashion will give students a fundamental working knowledge of the foreign and domestic apparel industries, and how they anticipate and satisfy consumer demand for fashion merchandise. Exploration of domestic and foreign markets, and designers' and manufacturers' sources of information and inspiration are included. Students will learn the importance of global sourcing and merchandising, fashion retailing, and global fashion markets in this course. Marketing concepts, such as advertising, publicity, public relations, and other auxiliary services in the fashion industry, will be covered in great depth. Concepts such as accessories, cosmetics and fragrances, and home fashions are included. Students will also explore and identify career opportunities in the fashion industry.

This challenging program provides high school students with the opportunity to earn college credit from Farmingdale State prior to graduating from high school. Credits are transferable to other colleges and universities.

**PREREQUISITE:** Fashion Merchandising 1 is required.

**GRADES 11 – 12**

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**CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2018-19 SCHOOL YEAR WAS \$150 PER CLASS AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

**THE CREDITS FOR THIS COURSE CAN BE PURCHASED FROM FARMINGDALE STATE.**

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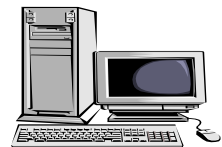
**F305FE ... WORK BASED LEARNING (1/2 UNIT)**  
**F405FE... WORK BASED LEARNING (1 UNIT)**  
**F505FE... WORK BASED LEARNING (2 UNITS)**

The Work Based Learning program offers students the opportunity to gain experience and exposure to the world of work while enrolled in high school. There are several different paths that allow students to earn between ½ to 2 credits annually, starting in their sophomore year. Students will acquire transferable skills and knowledge, such as workplace safety, ethics, workplace conduct, and general expectations, while honing job specific skills in a real life setting. A variety of paid and unpaid experiences are available to meet the needs of each student. The class is not part of the student's daily schedule, but students are required to meet with the Work Based Learning Coordinator on a regular basis.

**NOTE:** Although the Work Based Learning program is available and suitable for CTE pathway preparation, it is recommended that all students complete a work based learning experience prior to graduation.



## **COMPUTER INFORMATION SYSTEMS**



Courses in the Computer Department are organized into state approved career pathways. Students who complete a 3 ½ unit sequence in Career Technical Education will receive a CTE endorsement on their diploma. Students who complete a sequence may substitute the sequence for the second and third required unit in foreign language to achieve a Regents Diploma with Advanced Designation. State approved pathways are subject to state review.

### **REQUIRED COURSE:**

**FO01AE ...L.I.F.E. AND PERSONAL FINANCE (FULL YEAR A/B Day) (1/2 UNIT)**

**Formerly Career and Financial Management (CFM)**

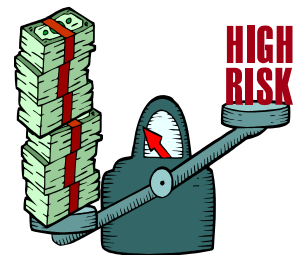
L.I.F.E. stands for Lessons In Financial Education. The purpose of this course is to provide students with the opportunity to learn about the features of our economy, explore a variety of careers, learn the skills and competencies needed for success in the workplace, and begin to

become financially literate. This is a required course for students graduating with a Career and Technical Education sequence.

*Students who successfully complete this class will be able to:*

- Target a potential career path through self-evaluation.
- Prepare a job application and resume, and perform a job interview confidently.
- Develop a personal budget and manage money responsibly.
- Handle human relations issues with co-workers, the public, and supervisors, as manage stress, conflict, change, and decision-making.

**GRADES 9 – 12**



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**G175FE... INTRODUCTION TO COMPUTER SCIENCE**

**(1 UNIT)**

This course will introduce students to the fundamentals of programming. Windows-based programs will be developed in this class. Emphasis will be on how to program with structure and style. Regular or frequent use of computers will be required. Students will learn basic input and output, the use of variables, looping structures, decision-making structures, and simple graphics and sound. Students will be introduced to simple game construction as a means of mastering the programming concepts covered.

**PREREQUISITE:** None

**GRADES 9 – 12**

**G205FC...JAVA PROGRAMMING±**

**(1 UNIT)**

Students will be introduced to the Java programming language. Java is everywhere, from hand-held devices like your cell phone to Macs and PC's, and everywhere in between. Learn where computing is going. There will be an emphasis on developing healthy viable programs that include logical decision making and iteration. Members of this class may elect to take this course for college credits. This course is a pre-requisite for those considering the AP Computer Science A course.

**PREREQUISITE:** Successful completion of Introduction to Computer Science.

**GRADES 10 – 12**

**COLLEGE CREDIT AVAILABLE for qualified students**

**THE SUFFOLK COUNTY COMMUNITY COLLEGE BEACON PROGRAM IS A DUAL ENROLLMENT PROGRAM. THE FEE FOR THE 2018-2019 SCHOOL YEAR WAS \$57 PER CREDIT AND IS SUBJECT TO CHANGE. STUDENTS CAN EARN FOUR (4) COLLEGE CREDITS FOR THIS COURSE. PAYMENT DOES NOT GUARANTEE CREDIT; STUDENT IS SUBJECT TO SCCC GUIDELINES.**

**G255AE...INTERNET PUBLISHING/WEB PAGE DEVELOPMENT (Full Year A/B Day) (1/2 UNIT)**

**G255SE...INTERNET PUBLISHING/WEB PAGE DEVELOPMENT (1 UNIT)**

This course addresses the development and publication of web sites on the World Wide Web. Students enrolled in the course will learn how to use editors to develop multimedia web pages that include text, graphics, photo images, sound, and video.

**PREREQUISITE:** None

**GRADES 9 - 12**

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**G245FA ... ADVANCED PLACEMENT COMPUTER SCIENCE A ++ (1 UNIT)**

AP Computer Science A is intended for the above-average student interested in an in-depth college-level course in Java. This course is geared toward providing college-level experience and development of the skills and attitudes necessary to pass the Advanced Placement Exam in Computer Science A. All students will be required to take the AP Exam in Computer Science A. **AP EXAM AND AP EXAM FEE REQUIRED.**

**PREREQUISITE:** Successful completion of Java Programming (G205SE) and OOP w/Java (G225SE)

**GRADES 11 – 12**

***FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.***

**G250FA ... ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES ++ (1 UNIT)**

AP Computer Science Principles is intended for students interested in continuing their studies in computer science. Students will have opportunities to explore the six computational thinking practices as described in the AP Computer Science Principles Course and Exam Description. They will explore the seven big ideas of creativity, abstraction, data and information, algorithm development, programming, the Internet and Global impact. Creation of two artifacts as well as the **AP EXAM AND AP EXAM FEE REQUIRED.**



**PREREQUISITE:** Successful completion of Introduction to Computer Science (G175SE) and/or OOP VB (G185SC)  
**GRADES 10 – 12**

***FOR THE 2020-2021 SCHOOL YEAR, OCTOBER 16, 2020 WILL BE THE LAST DAY TO DROP ANY ADVANCED PLACEMENT CLASS.***

**F305FE ... WORK BASED LEARNING (1/2 UNIT)**

**F405FE... WORK BASED LEARNING (1 UNIT)**

**F505FE... WORK BASED LEARNING (2 UNITS)**

The Work Based Learning program offers students the opportunity to gain experience and exposure to the world of work while enrolled in high school. There are several different paths that allow students to earn between ½ to 2 credits annually, starting in their sophomore year. Students will acquire transferable skills and knowledge, such as workplace safety, ethics, workplace conduct, and general expectations, while honing job-specific skills in a real life setting. A variety of paid and unpaid experiences can be used to meet the needs of each student. The class is not part of the student's daily schedule, but students are required to meet with the Work Based Learning Coordinator on a regular basis.

**NOTE:** Although the Work Based Learning program is available and suitable for CTE pathway preparation, it is recommended that all students complete a work based learning experience prior to graduation.

# FAMILY AND CONSUMER SCIENCES

## COURSES

### **H085AE...FOOD & NUTRITION CORE COURSE–CULINARY (FULL YEAR/A/B DAY) (1/2 UNIT)**

This course is an initial introduction to Family and Consumer Sciences. It encompasses basic food and nutrition concepts as set forth by the NYSED, as well as basic preparation and cooking techniques, terminology, resource management, and cooperative learning.

**PREREQUISITE:** None

**GRADES 9 – 12**

### **H055AE...BAKING AND PASTRY ARTS (FULL YEAR A/B DAY) (1/2 UNIT)**

Baking and Pastry Arts follows the Culinary Arts core course. It is a continuation of the techniques and skills learned in Food & Nutrition, specifically applied to the science of baking. This course stresses the importance of precision, weighing, and measuring to achieve optimal results. Students study the role of ingredients in a recipe.

Instruction and food labs develop the skills necessary for production of cakes, breads, pies, puff pastry, and quick breads, as well as icing and cake decorating techniques.

**PREREQUISITE:** None

**GRADES 9 – 12**



### **H095FC... CULINARY ARTS AND HOSPITALITY± (1 UNIT)**

Culinary Arts and Hospitality is an advanced course offered to students who are interested in pursuing a career in the food service/hospitality industry. Culinary skills are mastered through more complex applications. Students explore cultural influences on food. In addition, interpretation of recipes and food presentation is encouraged.

**PREREQUISITE:** Food & Nutrition and Baking and Pastry Arts

**GRADES 10 – 12**

**COLLEGE CREDIT FOR GRADES 11 & 12 ONLY**



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**THE SUFFOLK COUNTY COMMUNITY COLLEGE BEACON PROGRAM IS A DUAL ENROLLMENT PROGRAM. THE FEE FOR THE 2018-2019 SCHOOL YEAR WAS \$57 PER CREDIT AND IS SUBJECT TO CHANGE. STUDENTS CAN EARN FOUR (4) COLLEGE CREDITS FOR THIS COURSE. PAYMENT DOES NOT GUARANTEE CREDIT; STUDENT IS SUBJECT TO SCCC GUIDELINES.**

**H105AE... FASHION, SEWING, AND TEXTILES (A/B DAY) (1/2 UNIT)**  
**H105FE... FASHION, SEWING, AND TEXTILES (1 UNIT)**

The practical value of sewing with the application of technological advances in today's sewing industry is explored in this introductory, hands-on course. Students make decisions with regard to clothing and textiles, solve fit problems, demonstrate sewing machine operation and care, select patterns and fabrics, and complete clothing projects in class. They develop their creative talents with individualized projects, and utilize resource management and communication skills in designing and evaluating them. Practical techniques are applied to clothing care, mending and repairing. Career opportunities in the apparel industry are also explored.

**PREREQUISITE:** None  
**GRADES 9 – 12**

**H205AE... ADVANCED FASHION, SEWING, AND TEXTILES (A/B DAY) (1/2 UNIT)**  
**H205FE... ADVANCED FASHION, SEWING, AND TEXTILES (1 UNIT)**

In this advanced course of study, students will continue to develop their creative talents by crafting various individualized sewing projects. Emphasis will be placed on further developing their sewing machine skills, pattern reading, and garment making. Students will also prepare, develop, and expand a professional portfolio of work, while exploring creative and practical techniques to enhance the marketability and appeal of their portfolio.

**PREREQUISITE:** Fashion, Sewing, and Textiles  
**GRADES 10 – 12**

**H210FE ... \*\*WORLD OF FASHION± 3 College Credits (1 UNIT)**

World of Fashion is a course that brings to life the history, culture, industrial and social change that evolve throughout the years. This course explores the design and construction aspects of fashion from different time periods throughout the world and the effects. Upon completion of this course, student will experience parts of the fashion industry that represent our human culture and identity.

**PREREQUISITE:** Fashion, Sewing, and Textiles  
**GRADES 10 – 12**

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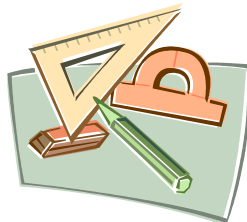
- F305FE ... WORK BASED LEARNING (1/2 UNIT)**
- F405FE... WORK BASED LEARNING (1 UNIT)**
- F505FE... WORK BASED LEARNING (2 UNITS)**

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# TECHNOLOGY

Courses in the Technology Department are organized into state approved career pathways. Students who complete a 3 ½ unit sequence in Career Technical Education will receive a CTE endorsement on their diploma. Students who complete a sequence may substitute the sequence for the second and third required unit in foreign language to achieve a Regents Diploma with Advanced Designation. State approved pathways are subject to state review.



## **CONSTRUCTION SYSTEMS ACADEMY**

### **REQUIRED COURSE:**

**FO01AE ...L.I.F.E. AND PERSONAL FINANCE (FULL YEAR A/B Day) (1/2 UNIT)**

**Formerly Career and Financial Management (CFM)**

L.I.F.E. stands for Lessons In Financial Education. The purpose of this course is to provide students with the opportunity to learn about the features of our economy, explore a variety of careers, learn the skills and competencies needed for success in the workplace, and begin to become financially literate. This is a required course for students graduating with a Career and Technical Education sequence.

*Students who successfully complete this class will be able to:*

- Target a potential career path through self-evaluation.
- Prepare a job application and resume, and perform a job interview confidently.
- Develop a personal budget and manage money responsibly.
- Handle human relations issues with co-workers, the public, and supervisors, as manage stress, conflict, change, and decision-making.

**GRADES 9 – 12**



**M131FE ... WOOD TECHNOLOGY****(1 UNIT)**

This course offers the student an opportunity to develop an understanding of, and appreciation for, woodworking. Project work will include working drawings and procedures, hand tools, machine tools, and finishing processes, as well as the entry-level skills needed for success in any of the construction trade fields.



Today, the opportunity for a student to secure employment in a woodworking field is greater than ever. This course is also geared toward the student with basic woodworking principles. Some examples include design, millwork, lumber, carpentry, joinery, cabinet making, and finishing. Mass production processes, as well as career and environmental impacts, will be covered! IF YOU ARE SERIOUS ABOUT WOODWORKING, THEN THIS CLASS IS FOR YOU!

**PREREQUISITE:** None  
**GRADES 9 – 12**

**M140FE ...HOME IMPROVEMENT****(1 UNIT)**

This course introduces modern technology in the production of materials for residential and commercial construction. Properties of materials used in construction are discussed from a scientific point of view. During the first semester of each school year, students will design and build a model house. The student will gain occupational as well as consumer knowledge in the skilled field of construction. A systems type approach will be the format for the complete construction of the model. The student will work from designing and site selection through completion of the structure. This is a must-take course for the future homeowner, as well as the potential construction employee. Students will learn site development, surveying, masonry, carpentry, sheathing, interior and exterior finishing, electrical wiring, heating and plumbing. In the spring semester, home alterations will be included, along with job site visitations and internships for interested students. It is highly recommended that Production Systems-Construction & Manufacturing be taken along with this course for a full credit in Production Systems & Residential Structures.

**PREREQUISITE:** None  
**GRADES 9 – 12**

**M305FE ... ARCHITECTURAL DRAWING I****(1 UNIT)**

This is an introductory course exposing students to the possible careers and opportunities associated with Architecture. Students will explore how the modern house is put together, from the foundation to the roof: construction systems, such as walls, floors, electric, and plumbing will be taught. Additionally, students will gain an understanding of why there are so many different building practices due to geography and climate.

**PREREQUISITE:** Design and Drawing for Production  
**GRADES 10 – 12**

**F305FE ... WORK BASED LEARNING (1/2 UNIT)**

**F405FE... WORK BASED LEARNING (1 UNIT)**

**F505FE... WORK BASED LEARNING (2 UNITS)**

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**NOTE:** Although the Work Based Learning program is available and suitable for CTE pathway preparation, it is recommended that all students complete a work based learning experience prior to graduation.

## **ARCHITECTURE SYSTEMS ACADEMY**

### **REQUIRED COURSE:**

**FO01AE ...L.I.F.E. AND PERSONAL FINANCE (FULL YEAR A/B Day) (1/2 UNIT)**

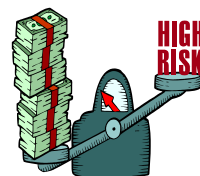
**Formerly Career and Financial Management (CFM)**

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*Students who successfully complete this class will be able to:*

- Target a potential career path through self-evaluation.
- Prepare a job application and resume, and perform a job interview confidently.
- Develop a personal budget and manage money responsibly.
- Handle human relations issues with co-workers, the public, and supervisors, as manage stress, conflict, change, and decision-making.

**GRADES 9 – 12**



**M305FE ... ARCHITECTURAL DRAWING I (1 UNIT)**

This is an introductory course exposing students to the possible careers and opportunities associated with Architecture. Students will explore how the modern house is put together, from the foundation to the roof: construction systems, such as walls, floors, electric, and plumbing will be taught. Additionally, students will gain an understanding of why there are so many different building practices due to geography and climate.

**PREREQUISITE:** Design and Drawing for Production  
**GRADES 10 – 12**

**M306FE ... ARCHITECTURAL DRAWING II (1 UNIT)**

The Architectural Level 2 requires the students to develop a full set of working house plans (blue prints) with specific requirements: square footage, number of floors, a basement, two full baths, and a minimum of two bedrooms. These plans will also include HVAC, electrical, plumbing, sectional drawing, plumbing riser, roof, and landscape design. Additionally students will be given an assignment working with our CAD (Computer Aided Drafting) software.

**PREREQUISITE:** Architectural Drawing I  
**GRADES 11 & 12**

**M325FE ... COMPUTER AIDED DESIGN 1 (CAD 1) (1 UNIT)**

This course is designed for students interested in Advanced Drafting, Engineering or Architecture as a possible career. Students should have a basic understanding of drafting from at least one previous course. Knowledge of computers is, however, unnecessary. Students will learn to use the computer as a tool, which replaces conventional drafting equipment. The AUTO CAD Program used is an industry standard; thus, students will develop readily transferable skills.

**PREREQUISITE:** Design & Drawing for Production  
**GRADES 10 – 12**

**F305FE ... WORK BASED LEARNING (1/2 UNIT)**

**F405FE... WORK BASED LEARNING (1 UNIT)**

**F505FE... WORK BASED LEARNING (2 UNITS)**

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but students are required to meet with the Work Based Learning Coordinator on a regular basis.

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## **ELECTIVES: DESIGN & DRAFTING**

### **M285FE ... DESIGN & DRAWING FOR PRODUCTION (1 UNIT)**

This program is more than just conventional technical drafting. Students will learn about the elements of design and how designing relates directly to drafting. The first semester of the course is devoted to the study of various drawing types and the subsequent development of the skills needed to produce them. After mastering two-dimensional, geometric construction and pattern making, students will develop three dimensional pictorial drawings.

In the second semester, students will work on dimensioning techniques, working drawings, and designing projects. Scale models, plans, and a full size project will be designed by teams of students.

**PREREQUISITE:** None (This course may fulfill the 1 unit ART requirement for graduation).  
**GRADES 9 – 12**



### **M235FE ... ELECTRONICS I (1 UNIT)**

Students are provided with general instruction in basic electrical concepts, components, multi-meter use, house wiring, audio systems, transmitters and receivers. Each student will build projects directly related to components and circuits learned. A unit of hands-on house wiring will be taught with individual student wiring assignments.

**PREREQUISITE:** None  
**GRADES 9 – 12**

### **M245FE ... ELECTRONICS 2 (1 UNIT)**

Analog Electronics will include: capacitive and inductive reactance circuits, resonant and filter circuits, and semi-conductor devices. The audio section will include a study of voltage and power amplifiers. Each student will build his or her own amplifier using various test equipment. Radio transmitters, antennae, and receivers will be covered. Projects will include: radio, strobe light and stereo amplifier, and laser target, to list a few.

**PREREQUISITE:** Electronics 1  
**GRADES 10 – 12**

**M405FC ... \*\*PRINCIPLES OF ENGINEERING (POE) ± 3 College Credits# (1 UNIT)**

This is a full-year course designed to apply Mathematics, Science and Engineering concepts with Technology. This course is a must for students interested in a future in any field of engineering or science. Various experimental projects will be made to confirm mathematical calculations and scientific theories. Students can earn 3 college credits through Farmingdale State.

**GRADES 11 – 12**

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**# College Credit may be earned for EITHER Robotics or POE, not both**

**M325FE ... COMPUTER AIDED DESIGN 1 (CAD 1) (1 UNIT)**

This course is designed for students interested in Advanced Drafting, Engineering or Architecture as a possible career. Students should have a basic understanding of drafting from at least one previous course. Knowledge of computers is, however, unnecessary. Students will learn to use the computer as a tool, which replaces conventional drafting equipment. The AUTO CAD Program used is an industry standard; thus, students will develop readily transferable skills.

**PREREQUISITE:** Design & Drawing for Production  
**GRADES 10 – 12**

**M335FE ...COMPUTER AIDED DESIGN 2 (1 UNIT)**

This course is designed for those students who are planning to pursue post high school training in the fields of Engineering and Architecture. It is also highly recommended for students entering the drafting and design trades upon graduation. Areas of focus will include: advanced architectural and machine drafting techniques, pictorial shading and rendering using auto shade, and three dimensional design application. Additionally, students will complete a professional design portfolio for college or career placement purposes.

**PREREQUISITE:** Computer Aided Design 1  
**GRADES 11 & 12**

**M345FE.... COMPUTER AIDED DESIGN 3****(1 UNIT)**

This is an exploratory course exposing students to more in-depth and new fields of study within the AUTOCAD program. Students will pick a topic of study which they find interesting. They will then research that new topic and see how it is used in current industries. With this information, students will develop new project ideas that reflect current and additional ways AUTOCAD is helping the industry.

**PREREQUISITE:** CAD 1, CAD 2.**GRADE 12****M307FC ... \*\*ARCHITECTURAL DRAWING III± (College Credit)****(1 UNIT)**

In Level 3, students are required to make a ¼ inch = 1' scaled 3D house model from the blue prints they have drawn in Architectural 2 class. These models will include detailed room design and landscape layouts to assist students in understanding how homes are assembled, and why certain building practices are used inside and outside the house. Additionally, students will develop their architecture portfolios for college interviews. Members of this class may elect to take this course for three college credits from Farmingdale State

**PREREQUISITE:** Architectural Drawing II**GRADE 12**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2018-19 SCHOOL YEAR WAS \$150 PER CLASS AND IS SUBJECT TO CHANGE BY THE COLLEGE.**



## **ELECTIVES: ENERGY, POWER AND TRANSPORTATION ENGINEERING**

### **M420FE ... LAND TRANSPORTATION**

**(1 UNIT)**

This course might best be described as an in-depth study of “technical biology.” That is to say it focuses not solely on repair but, rather, on the operation and theory of mechanical systems as a whole, centering on the internal combustion engine. Students are not only taught reconditioning procedures, but also physics and math, as each relates to engines.

**PREREQUISITE:** None

**GRADES 9 – 12**

### **M423SC ...\*\* ROBOTICS ±**

**3 College Credits#**

**(1/2 UNIT)**

### **M423AC... ROBOTICS**

This course presents an overview of robotics in practice and research, with topics including vision, motion planning, mobile mechanisms, kinematics, and sensors. Students will obtain the knowledge needed to design and build a robot to perform certain tasks. Construction requirements for the robot will be based on the “FIRST” robotics competition. This course will also expose students to some of the contemporary happenings in robotics, which includes current robot lab research, applications, robot contests, and robot web surfing. Students can earn 3 college credits through Farmingdale State.

**PREREQUISITE:** Land Transportation or Electronics

**GRADES 11-12**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT’S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2018-19 SCHOOL YEAR WAS \$150 PER CLASS AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

# College Credit may be earned for EITHER Robotics or POE, not both.

**M405FC ... \*\*PRINCIPLES OF ENGINEERING (POE) ± 3 College Credits# (1 UNIT)**

This is a full-year course designed to apply Mathematics, Science, and Engineering concepts with Technology. This course is a must for students interested in a future in any field of engineering or science. Various experimental projects will be made to confirm mathematical calculations and scientific theories. Students can earn 3 college credits through Farmingdale State.

**GRADES 9 – 12**

**COLLEGE CREDIT FOR GRADES 11 & 12 ONLY**

**\*\*IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2018-19 SCHOOL YEAR WAS \$150 PER CLASS AND IS SUBJECT TO CHANGE BY THE COLLEGE.**

# College Credit may be earned for EITHER Robotics or POE, not both



# HEALTH/PHYSICAL EDUCATION

## NEW YORK STATE'S LEARNING STANDARDS FOR HEALTH & PHYSICAL EDUCATION

### Standard 1: Personal Health and Fitness

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

#### HEALTH EDUCATION

Students will understand human growth and development and recognize the relationship between behaviors and health development. They will understand ways to promote health and prevent disease and will demonstrate and practice positive health behaviors.

#### PHYSICAL EDUCATION

Students will perform basic motor and manipulative skills. They will attain competency in a variety of physical activities and proficiency in a few select complex motor and sports activities. Students will design personal fitness programs to improve cardio respiratory endurance, flexibility, muscular strength, endurance and body composition.

### Standard 2: A Safe and Healthy Environment

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

#### HEALTH EDUCATION

Students will demonstrate personally and socially responsible behaviors. They will, therefore, respect themselves and others. They will recognize threats to the environment and offer appropriate strategies to minimize them.

#### PHYSICAL EDUCATION

Students will demonstrate responsible personal and social behavior while engaged in physical activity. They will understand that physical activity provides the opportunity for enjoyment, challenge, self-expression and communication. Students will be able to identify safety hazards and react effectively to ensure a safe and positive experience for all participants.

**Standard 3: Resource Management**

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

**HEALTH EDUCATION**

Students will understand the influence of culture, media and technology in making decisions about personal and community health issues. They will know about and use valid information, products and services. Students will advocate for healthy families and communities.

**PHYSICAL EDUCATION**

Students will be aware of and able to access opportunities available to them within their community to engage in physical activity. They will be informed consumers and be able to evaluate facilities and programs. Students will also be aware of some career options in the field of physical fitness and sports.

Health education instills in students the knowledge and skills to examine alternatives and make responsible health-related decisions drawing on knowledge from the biological, environmental, psychological, social, physical and medical sciences, health education helps students learn to prevent and manage health problems. State regulations outline that each student shall receive instruction in AIDS education. Parents may only opt to remove their child from the prevention portion of this curriculum (usually one day). If exercising this option, parents must complete the letter and return it to the guidance counselor.

**P125AN ...HEALTH EDUCATION (Full Year A/B Day) (1/2 UNIT) - REQUIRED**

Health Education is a course which provides facts, activities, and group interaction to build self-esteem and to help young people cope more effectively with the problems of everyday living. Areas of activity and discussion include mental health, substance abuse, death and dying, communicable and non-communicable diseases (including AIDS education), and family life.

**P120AE ...DRUGS AND SOCIAL ISSUES (A Day/B Day) (1/2 UNIT)**

What are the laws that apply to the choices you make regarding drugs, alcohol and the misuse of social media? If you have questions about these topics, this class has the answers. This health course explores the background of current social issues including drugs, alcohol and social media with a special focus on their legal ramifications. Students will learn about specific laws, the legal process and the long-term consequences from a variety of perspectives. This class will employ interactive projects, guest speakers and current events to reinforce the curriculum. The goal of this course is to help students make more informed decisions about their futures.

**PREREQUISITE:** None

**GRADES:** 9-12

**P125AE...INTRODUCTION TO SPORTS MEDICINE (A Day/B Day)**

**(1/2 UNIT)**

This class is designed for students interested in fields such as Athletic Training, Physical Therapy, Fitness, Exercise Physiology, Kinesiology, Sport Nutrition, and other careers related to Sports Medicine. This class includes both classroom work, as well as hands-on application, in order to provide students with an avenue to explore the curriculum. Through these connections, students will understand the importance that exercise, treatment modalities, and rehabilitation play in athletic health, and get greater insight to the various careers surrounding the sports industry.

**PREREQUISITE: NONE**

**GRADES: 9-12**





**Dear Parents,**

**As outlined in our Health Education course outline, AIDS education instruction is required. A student may only be exempt from the prevention portion of the curriculum which usually involves one day. The major focus of prevention is abstinence.**

**If you would like to remove your child from the prevention instruction (usually one day), he or she will be sent to the library during that time. You must sign and return this form to your child's guidance counselor.**

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**Parent's Signature**

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**Date**

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**Student's Name (Please print)**

**/mw**

# PHYSICAL EDUCATION

The mission of Physical Education is to empower all students to sustain regular lifelong physical activity as a foundation of a healthy, productive and fulfilling life. Physical Education is a sequential educational program. It is based on physical activities undertaken in an active, caring, supportive and non-threatening atmosphere in which every student is challenged and successful. Students with disabilities are provided with a learning environment that is modified, when necessary, to allow for maximum participation.

## **P195FN ... PHYSICAL EDUCATION**

**(1/2 UNIT PER YEAR)**

Physical Education contributes to the broad goals of education through the development of personal living skills reflected in the manner and degree of participation in lifelong activities. This is achieved through the pursuit of more specific objectives encompassing skills and knowledge in movement, understanding and effects of physical activity upon the body, feelings of adequacy and mastery, and the development of a personal value system regarding physical activity. Personal living skills are those skills that contribute to an individual's becoming a fully functioning, productive and concerned citizen. They are seen as necessary catalysts for effective implementation of lifelong patterns of participation in planned activity. They include, but are not necessarily limited to:

- (a) developing physical fitness (cardiovascular and musculoskeletal)
- (b) fostering communication
- (c) promoting cooperation
- (d) seeking challenge
- (e) encouraging safety
- (f) developing initiative
- (g) engendering leadership/followership
- (h) nurturing trust
- (i) promoting respect.

At the 9-12 grade level, experience gained at lower levels are built upon and expanded. In each of the defined areas of rhythm and dance, games, individual and team sports, wellness aquatics, adventure education and outdoor living skills, objectives are: developing higher levels of competency in skills and knowledge, nurturing positive attitudes toward movement AND fostering maintenance of optimal physical fitness.

Satisfactory attendance, effort and participation for four years of Physical Education are required of all students. In addition to the daily class program, a variety of intramurals and interscholastic sports are available to every registered student.

**GRADES: 10 – 12**

**P231DN ... POOL - WELLNESS -- BOYS (1/2 UNIT PER YEAR - 1/4 PER SEMESTER)**  
**P211CN ... POOL - WELLNESS -- GIRLS**

All ninth grade students are required to take a full year course in Wellness, divided into the following units:

- A. 20 WEEKS: Aquatics...including lower to middle level swimming skills from American Red Cross, water polo, water volleyball, survival swimming, use of the canoe, surfboard rescues, use of a P.F.D. (life jacket), lifesaving skills, basic diving and a testing program to check ability of the student. CPR will also be taught.
- B. 5 WEEKS: Health Related Concepts...including alcohol, tobacco, drugs, diseases, emotional health, healthful life styles and AIDS Education.



**P255FE ... ADVANCED POOL (1/2 UNIT PER YEAR - 1/4 UNIT PER SEMESTER)**

This year-long course is designed to prepare and train advanced swimmers to become lifeguards and swimming instructors. Approval from the student's 9<sup>th</sup> grade pool instructor is required. Students in this class need to be proficient in all strokes and have a confidence in deep water activities. The major goal is to certify students so they can qualify for seasonal employment in numerous local aquatics programs. Successful students can qualify for American Red Cross certifications in the areas of lifeguard, swimming instructor, CPR, AED, and First Aid.

This is a rigorous swimming course requiring advanced swimming skills.

**PREREQUISITE:**

- Successful completion of Pool (P231DN) AND/OR (P241CN)
- Approval of 9<sup>th</sup> grade Pool or Advanced Pool instructor
- PRIORITY WILL BE GIVEN TO UPPERCLASSMEN.

**P256FE ... \*\*ADELPHI PHYSICAL EDUCATION ± (1/2 UNIT) (3 COLLEGE CREDITS)**

This year-long course is designed to offer upper classmen the opportunity to participate in college-level physical education/activity class. In addition to meeting the NYS Standards and requirements in physical education, students experience extraordinary activities related to physical education and participate in sports at an average or above average level. The "Sports Education" model is utilized, which places students in more adult roles including coach, referee, manager and statistician. Students are involved with advanced weight training and have an opportunity to experience field trips that are related to physical activity and sport. Students will also be given the opportunity to be certified in first aid, AED and CPR. Students will also log outside activities related to the field that include, but are not limited to, athletic training, assistant coach or assistant teacher. Final exam is participation in the Lindenhurst Triathlon. Upon completion of the course, students will be eligible to receive three (3) college credits from Adelphi University.

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**PREREQUISITE:**

- Students must be in Grades 11 and/or 12
- Must maintain a grade of 90 or above in regular Physical Education and be self-motivated
- **Approval required by an Adelphi Physical Education instructor**

**GRADES: 11 & 12**

NOTE: This course may only be taken for college credit once.

**\*\* IF COLLEGE CREDIT IS DESIRED, STUDENTS MUST COMPLETE NECESSARY PAPERWORK AND THE PER CREDIT FEE MUST BE PAID TO THE COLLEGE. COLLEGE CREDIT IS NOT GUARANTEED, BUT IS CONTINGENT UPON A STUDENT'S PERFORMANCE IN CLASS. REFUNDS ARE NOT ISSUED FOR STUDENTS WHO HAVE PAID FOR COLLEGE CREDIT, BUT HAVE NOT EARNED THE MINIMUM GRADE DEEMED ACCEPTABLE BY THE COLLEGE. THE FEE FOR THE 2015-16 SCHOOL YEAR WAS \$330 PER COURSE AND IS SUBJECT TO CHANGE BY THE COLLEGE.**



**P255FE ... ADVANCED POOL in P.E. COURSE APPLICATION**

This year long course is designed to prepare and train advanced swimmers to become lifeguards and swimming instructors. Approval from a student's 9<sup>th</sup> grade pool instructor is required. Students in this class need to be proficient in all strokes and have a confidence in deep water activities. The major goal is to certify students so they can qualify for seasonal employment in numerous local aquatics programs. Successful students can qualify for American Red Cross certifications in the areas of lifeguard, swimming instructor, CPR, AED, and First Aid.

**This is a rigorous swimming course requiring advanced swimming skills.**

**PRE-REQUISITES:**

- SUCCESSFUL COMPLETION OF POOL (P231DN) AND/OR (P241CN)
- SIGNATURE REQUIRED BY 9<sup>th</sup> GRADE POOL INSTRUCTOR OR ADVANCED POOL INSTRUCTOR ON THIS DOCUMENT.
- PRIORITY WILL BE GIVEN TO UPPERCLASSMEN.

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**Applying Students Name**

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**Guidance Counselor**

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**Grade for upcoming year**

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**9<sup>TH</sup> Grade Pool or Advanced Pool Physical Education Instructor  
SIGNATURE OF APPROVAL**

**P256FE ... ADELPHI PHYSICAL EDUCATION  
COURSE APPLICATION SHEET**

This year-long course is designed to offer upper classmen the opportunity to participate in college-level physical education/activity class. In addition to meeting the NYS Standards and requirements in physical education, students experience extraordinary activities related to physical education and participate in sports at an average or above average level. The "Sports Education" model is utilized which places students in more adult roles including coach, referee, manager and statistician. Students are involved with advanced weight training and have an opportunity to experience field trips that are related to physical activity and sport. Students will also be given the opportunity to be certified in First Aid, AED and CPR. Students will also log outside activities related to the field that include but are not limited to Athletic Training, Assistant Coach or Assistant Teacher. Final exam is participation in the Lindenhurst Triathlon. Upon completion of the course, students will be eligible to receive three college credits from Adelphi University.

**PRE-REQUISITES:**

- STUDENTS MUST BE IN GRADES 11 and/or 12.
- MUST MAINTAIN A GRADE OF 90 OR ABOVE IN REGULAR PHYSICAL EDUCATION and BE SELF MOTIVATED.
- SIGNATURE REQUIRED BY AN ADELPHI PHYSICAL EDUCATION INSTRUCTOR ON THIS DOCUMENT.

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**Applying Students Name**

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**Guidance Counselor**

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**Grade for upcoming year**

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**Adelphi Physical Education Instructor  
SIGNATURE OF APPROVAL**

# PEER LEADERSHIP

## P134FN ... PEER LEADERSHIP – Prerequisite (Acceptance into the program)

Peer Leadership will train students to help other students cope with problems common to teenagers. Through this training, students learn how to listen, understand and communicate with others. Information about stress, alcohol, drugs and other issues will be highlighted. Students will utilize skills to act as peer leaders to students in all district schools.

### ACCEPTANCE TO PEER LEADERSHIP PROGRAM INCLUDES:

- Academically eligible
- Adhere to Attendance Policy
- Attend Peer Leadership Workshop
- Fill out evaluation form
- Recommendation letters (2)



# LEADERSHIP EDUCATION

## MCJROTC

Leadership Education also known as Marine Corps Junior Reserve Officers' Training Corps (MCJROTC) teaches the kind of self-discipline, self-confidence and leadership skills that can help students successfully meet academic challenges of high school and the future. The program is a cooperative effort between Lindenhurst High School and the United States Marine Corps. It is designed to develop informed and responsible citizens and strengthen character by forming strong habits of self-discipline, community service, volunteerism, and develop respect for oneself and others. Emphasis is on the development of leadership abilities, teamwork, personal pride, accomplishment and patriotism, enabling each student to become a better citizen and more productive member of society no matter what career path he or she chooses. **THIS IS NOT A RECRUITMENT PROGRAM FOR ANY BRANCH OF THE MILITARY.** There is no military obligation associated with these courses.

**L005FE ... LEADERSHIP EDUCATION I and IV (1 UNIT)**

**L005AE ... LEADERSHIP EDUCATION I and IV (A/B DAY) (1/2 UNIT)**

This course combines two Leadership Education levels (LE I and LE IV). Leadership Education I consists of 16 core curriculum requirements and LE IV consists of 8 core curriculum requirements. The courses are taught simultaneously and offer the LE IV advanced Cadet an opportunity to co-teach; preparing and teaching lessons from the core curriculum requirements as applied to grade level. This course may be taken multiple times by an individual student for credit without repeating course content and is open to all students.

**GRADES: 9-12**

**L015FE ... LEADERSHIP EDUCATION ADVANCED II (1 UNIT)**

**L015AE ... LEADERSHIP EDUCATION ADVANCED II (A/B DAY) (1/2 UNIT)**

This course is a more advanced general study of the elements and is specific to Leadership Education II students. The focus of leadership combined with civics, and ethics; LE II consists of 18 core curriculum requirements with a foundation of leadership traits, core values, and volunteerism. Emphasis is placed on leadership principles, branches of government, roles of NCOs and officers, systems of government, drill and ceremonies, physical fitness and responsibility. This course is a supplement to the Leadership Education I curriculum. Due to a revolving curriculum built around reinforcing leadership topics and

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community service and volunteerism, this course may be taken multiple times by an individual student for credit without repeating course content.

**PREREQUISITE:** LEADERSHIP EDUCATION I  
**GRADES:** 10-12

**L015FE ... LEADERSHIP EDUCATION ADVANCED III (1 UNIT)**  
**L015AE ... LEADERSHIP EDUCATION ADVANCED III (A/B DAY) (1/2 UNIT)**

This course is a more advanced general study of the elements of leadership combined with civics and ethics and consists of 9 core curriculum requirements with a foundation of leadership traits, core values, and volunteerism. Emphasis is placed on leadership principles, leadership styles, evaluations and record performances, current events, national defense, drill and ceremonies, physical fitness, and responsibility. This course is a supplement to Leadership Education I and II. Due to a revolving curriculum built around reinforcing leadership topics and community service and volunteerism, this course may be taken multiple times by an individual student for credit without repeating course content.

**PREREQUISITE:** LEADERSHIP EDUCATION I  
**GRADES 10-12**

# B.O.C.E.S.

**I605FE ... BOCES (OCCUPATIONAL EDUCATION)**

**(1-4.5 UNITS)**

**I615FE ... BOCES (OCCUPATIONAL EDUCATION)**

**(1-4.5 UNITS)**

Is available to students who wish to specialize in or learn the skills of a specific trade. This program is geared for those students who plan to enter the employment market or further their technical training after graduation. Students must realize that if they participate in this program, they may not have the necessary academic requirements for certain college programs. Students attend BOCES for 1/2 of their school day and remain at the High School for 1/2 of their day. Transportation is provided. Registration for BOCES takes place in 10th grade. BOCES is available to 11th and 12th graders only.

## **ATTENDANCE/CREDIT POLICY FOR ALL BOCES STUDENTS**

19 ABSENCES/ONE YEAR PROGRAM .. LOSS OF BOCES CERTIFICATE

36 ABSENCES/TWO YEAR PROGRAM .. LOSS OF BOCES CERTIFICATE

MORE THAN 20 ABSENCES/FIRST YEAR .. STUDENTS ARE UNABLE TO RETURN THE FOLLOWING YEAR.

The State of New York is very specific about the number of hours of attendance and the number of credits to be awarded towards graduation. IF BOCES IS YOUR SEQUENCE FOR GRADUATION, excessive absences may result in your being dropped from BOCES with no credit, which may mean not graduating on time.

## **COURSE OFFERINGS**

Advertising/Graphic Design

Aircraft & Drone Technology

Architectural Design/CAD/Interior Design

Audio Production

Auto Body Repair

Automotive Technology

Aviation Science/Flight

Business & Hospitality Management

Carpentry

Certified Personal Trainer

Computer Networking

Construction Electricity

Cosmetology

Criminal Justice



Culinary Arts  
Digital Film & Video  
Early Childhood Education & Care  
Electronic/Robotic Computer Repair  
Esthetics  
Fashion Merchandising/Design  
Heating/Ventilation/Air Conditioning



Medical Assisting  
Medical Laboratory  
Nurse Assisting  
Photography  
Physical Therapy Aide  
Professional Health Careers  
Veterinarian Assisting  
Welding



**PREREQUISITE:** Good attendance record and counselor recommendation; student must have met diploma requirements as a 10<sup>th</sup> and/or 11<sup>th</sup> grader.

**GRADE 11 OR 12**

Tenth and eleventh graders wishing to continue or enter BOCES for the first time must successfully complete all eleventh grade subjects necessary for Graduation.

Students **must attend Summer School** to make up any deficiencies. If student does not make up these deficiencies they will either be dropped from the program or not be allowed to enter the program (if they are enrolling for the first time).



# SPECIAL EDUCATION

Students who are classified with a disability for special education services by the Committee on Special Education (CSE) will be placed into a program within the continuum of services offered at the secondary level. The student's Individualized Education Program (IEP) will determine the placement and educational strategies that will be utilized.

Students with a disability are required to be placed in the least restrictive environment and integrated into the general education population whenever possible. Special education students will have access to electives and extracurricular activities.

## INTEGRATED CO-TEACHING

ICT is an instructional methodology in which a general education teacher is paired with a special education teacher to provide instruction. These classes may contain up to twelve special education students and they follow the general education curriculums. ICT is available (in grades 9-11) in most Math, English, Science and Social Studies courses offered at the high school. The CSE will determine, through data analysis and multiple measures, which courses a student requires an ICT placement. The number of ICT courses for each student will be based upon their specific areas of need. The ICT program will be available to all special education students in grades seven through eleven. Students entering senior year will be assigned a case manager, who will monitor their progress. The goal is to foster greater independence and prepare students for life after high school.

### **Academic Support Period**

**S801FG – Gr. 9**

**S802FG – Gr. 10**

**S803FG – Gr. 11**

**A/B Day**

**NO CREDIT**

Taught by a special education teacher, the Academic Support Period (ASP) elective is designed to assist all students in grades 9-11 in their academic areas of deficiency. Instructional planning in this class will be individualized to focus on the IEP goals for students with disabilities, and for general education students, instruction will focus on their current academic area of deficiency. Daily instruction will include skill building exercises and strategy based instruction to assist learners in achieving their academic goals. Teachers of this course will also utilize progress monitoring tools to track student growth and to inform their instructional decision making. Students enrolled in this elective will also have access to the testing center in order to utilize their testing accommodations for classroom assessments. This class will meet every other day on an "A" day, "B" day schedule for the duration of the school year. This will be a graded course.

**Grades 9 - 11**

# **LINDENHURST PUBLIC SCHOOLS PUBLIC NOTIFICATION**

**The Lindenhurst School District hereby advises students, parents, employees and the general public that it offers employment and educational opportunities, including vocational educational opportunities, without regard to race, color, national origin, gender or disability. Inquiries regarding this non-discrimination policy may be directed to:**

**Title IX Coordinator: Michael VanWart (867-3043)  
Section 504 Coordinator: Bret Kearney (867-3105)**

**Location: McKenna Administration Building  
350 Daniel Street  
Lindenhurst, New York 11757**