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Health, K-12

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World Language & ENL, K-12

Stephan Moran
Special Education, 9-12

Dr. Beth Zirogiannis
English, Reading, &
Library, K-12

Melissa O'Geary
Data, Assessments, & Administrative Services
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**Notes:**

- This Course Catalog is hot linked throughout the document to assist navigating back and forth between desired content.

- By clicking on any element of the Table of Contents above, you will be transported directly to that portion of the catalog.

- At any time, you can click on the “TABLE OF CONTENTS” indicator in the bottom right hand corner of the page, and you will be directed there.

- If you click on any of the courses listed in the “COURSES BY DEPARTMENT” section of this catalog, you will be directed to its corresponding description.

- To instantly navigate back to that list, click on the subject area specific “INDEX” hyperlink located on the bottom of the respective page.

- Next to course titles you may notice an icon such as [image] or [image]. These icons are hyperlinked to bring you to either a webpage or a video.
NON-DISCRIMINATORY PRACTICE

In accordance with Title IX, the Oceanside Union Free School District does not discriminate on the basis of sex in its educational programs or employment practices. In accordance with Section 504, the Oceanside Union Free School district does not discriminate against persons with handicapping conditions in its educational programs or employment practices. The Oceanside Union Free School District does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin, ancestry, physical or mental disability or medical condition in the education program, activities, or admission policies of their schools, its educational programs, or employment practices. For administrative procedures relating to grievances under Title IX, call the Assistant Superintendent for Curriculum Instruction and Research at 678-1221. For administrative procedures relating to grievances under Section 504 please call the Assistant Superintendent for Special Education/Pupil Services at 678-1217.
MESSAGE FROM THE PRINCIPAL

To All Students and Parents,

This course guide is an essential tool to help you plan your high school and post-secondary careers. It is very important that you carefully read and review this document as it contains descriptions and prerequisites for all required elective course offerings at Oceanside High School. Discuss any questions you may have with your school counselor, teachers or appropriate chairpersons and directors.

The staff at Oceanside High School is committed to providing you with a challenging and meaningful high school experience in a caring environment. As you work with your parents and school counselor in selecting your course of study, set high expectations for yourself and plan to work hard, as high school is the foundation of your future. Begin now, challenge yourself, and you will be amazed at what you can achieve. The Oceanside High School family stands ready to provide you with whatever support, guidance or assistance you may need.

In addition to achieving success in academics, it is important that you also participate actively in the many co-curricular and extra-curricular activities offered at Oceanside High School. On behalf of the entire Oceanside High School family, I extend my best wishes to you for a successful and rewarding high school career.

Sincerely,
Geraldine DeCarlo
Principal
STUDENT SCHEDULING PROCESS

HIGH SCHOOL

This Course Offerings Guide is intended to be used by students and parents to make appropriate educational planning decisions. The Oceanside High School Counseling Department staff can assist in this process. Please avail yourself of the help of professionally trained counselors in planning your program. The following is the procedure and time line for programming.

During the months of January & February, every student will have a scheduling appointment to meet with his/her counselor posted to the Campus Backpack. An email will alert families when this appointment will be available to view.

Parents are invited to speak with the counselors to discuss any concerns regarding the scheduling process.

A student and/or parent may request a program change until the to be announced February deadline. After that date all requests become final and class numbers, as well as staffing for next year, are established.

Course selection confirmations will be posted in June in the Campus Backpack for parents to review.

Note: All upcoming 9th, 10th and 11th grade students must elect a program with a minimum of 5 instructional periods plus Physical Education.

MIDDLE SCHOOL

- Much of the Grade 9 programming will be done via the Counselors’ Group Guidance classes.
- Counselors will explain the 9th grade program to students and provide an overview of graduation requirements.
- Counselors will meet with each student to discuss his/her teachers’ recommendations.
- Parents will attend an 8th into 9th grade evening orientation where they can learn more about the High School and the expectations upon their children.
- A listing of recommended courses for the student will be mailed home for the parent’s review.
- In June, parents will receive notification of the exact courses that a student will be scheduled for.

In addition to the steps above to develop an appropriate program for the student, the following will also take place:

- January 16th 8 into 9 Parent Meeting – 7:30p.m., High School Auditorium
- June Course selection confirmations will be posted on the Portal for parents to review.
- August 9th Grade Orientation
**NCAA ELIGIBILITY REQUIREMENTS**

Student athletes must meet rigorous academic standards to qualify for participation in NCAA athletics. All athletes can find information and requirements on line at www.eligibilitycenter.org. Applications are available on line and must be filed through the website. Please refer to this website to register with the NCAA and to check for updates regarding their requirements.

**WEIGHTING OF GRADES**

Final course grades are given a “weight” to reflect the inherent challenge of the course. Weights are assigned as follows:

- Regents courses: 1.02
- Honor courses: 1.08
- College/Advanced Placement (AP) courses: 1.10

- In calculating the cumulative weighted average, the designated weights are factored into each final course grade. Transcripts will only show the unweighted final course grade (Quarter grades do not appear.)

- The weighted overall cumulative average is provided along with the unweighted overall cumulative average.

- Physical Education is unweighted and is not calculated into a student’s cumulative HS average.

- Courses that provide academic intervention services provide scores that are factored into a student’s main subject class associated with that service.

- The weighted and unweighted cumulative averages are both reported to colleges during the college admission process.

- The Valedictorian and Salutatorian are chosen based on the weighted cumulative average after seven semesters. Students are otherwise not given a ranking in Oceanside High School.

- The marking period average is unweighted and is used to determine Honor Roll (85.000 to 94.999) or High Honor Roll (95.000 to 100) for the marking period. Honor Roll also requires that a student is taking at least 5 classes and PE and has no failing grades, DLT’s or Incompletes.
# Oceanside High School Diploma Requirements

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required for Graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3*</td>
</tr>
<tr>
<td>Science</td>
<td>3*</td>
</tr>
<tr>
<td>Health</td>
<td>0.5</td>
</tr>
<tr>
<td>Art/Music</td>
<td>1</td>
</tr>
<tr>
<td>World Languages (LOTE)</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>Sequence Courses/Electives</td>
<td>3.5</td>
</tr>
<tr>
<td>Total Required (Minimum)</td>
<td>22.0</td>
</tr>
</tbody>
</table>

Footnotes for Diploma Requirements Chart:

*A commencement-level course in technology education may be used as the third unit of credit in science or mathematics, but not both. This applies only to students enrolled in an approved CTE program at Barry Tech.

For a small group of students with an Individualized Education Programs (IEP), a “local” diploma option is available. Other students may be eligible for a Career Development and Occupational Studies (CDOS) Certificate. Please contact your child’s school counselor for more information.
REGENTS EXAM REQUIREMENTS

Assessment requirements for a Regents Diploma: *
5 required Regents exams with a score of 65 or better as follows:
  • 1 math, 1 science, 1 social studies, 1 ELA, plus:
    ▪ 1 Pathway Assessment or Credential
    ▪ Humanities Pathway: a 2nd Regents exam in social studies
    ▪ STEM Pathway: a 2nd Regents exam in science or a 2nd Regents exam in math
    ▪ Career Development and Occupational Studies (CDOS) credential
    ▪ CTE, Arts, and Biliteracy Pathways: See your counselor for additional information regarding these pathway options.

Additional assessment requirements for a Regents Diploma with Advanced Designation: */**
Students may meet the following assessment requirements in order to earn a Regents Diploma with Advanced Designation by earning a score of 65 or better as follows:
  • Traditional Combination (Humanities Pathway):
    ▪ 1 additional Regents exam in social studies
    ▪ 2 additional Regents exams in math
    ▪ 1 additional Regents exam in science
    ▪ World Language Assessment (LOTE – Language Other Than English) or alternatives listed on previous page.

Students seeking to earn a Regents Diploma with Advanced Designation utilizing a pathway combination other than the Humanities Pathway (listed above) should see their counselor for more information. A link to the full descriptions of each of the pathway options can be found at:

Regents Diploma with Advanced Designation in Mathematics and/or Science
Students who pass, with a score of 85 or better, three commencement level Regents examinations in mathematics and/or three commencement level Regents examinations in science, will earn a Regents diploma with advanced designation, with an annotation on the diploma that denotes mastery in mathematics and/or science, as applicable.

Honors designation
A designation of “with honors” is indicated on either Regents diploma option for students who earn an overall average of 90 or more on all required Regents exams

* In all cases students may substitute an assessment from the list of Department Approved Alternative Examinations Acceptable for Meeting Requirements for a Local or Regents Diploma found at http://www.p12.nysed.gov/assessment/hsgen/archive/list.pdf

**Students with disabilities who are exempt from the World Language requirements as indicated on the IEP may earn the advanced designation as long as the required number of credits to graduate is met.

* In all cases students may substitute an assessment from the list of Department Approved Alternative Examinations Acceptable for Meeting Requirements for a Local or Regents Diploma found at http://www.p12.nysed.gov/assessment/hsgen/archive/list.pdf

**Students with disabilities who are exempt from the World Language requirements as indicated on the IEP may earn the advanced designation as long as the required number of credits to graduate is met.
IMPORTANT NOTES AND PHONE NUMBERS

The following section lists all courses that will be offered at Oceanside High School for the 2020 - 2021 school year.

Please be aware of the following:

The determination of whether a course will run is based on enrollment and/or need.

Course with “AP” in the title indicate that our offering of this course has met the standards and criteria of the College Board Advanced Placement Program.

Students are required to sit for the Advanced Placement exam in any course designated as “AP” in order to receive AP weighting. If a student does not sit for the AP exam, the student will take an alternative cumulative assessment, the AP designation will be removed on the student’s transcript and the weighting will be reduced to Honors.

The awarding of college credit for an Advanced Placement course is strictly at the discretion of the college the student attends and is not something that Oceanside High School or the College Board has control over.

Courses with “College” in the title indicate that our offering of this course is in partnership with a local college. Students will receive college credit provided that all requirements of the partnering college (which may include tuition) are met. The transferring of this credit is strictly at the discretion of the college the student attends and is not something that Oceanside High School has control over.

Courses with no indication of weighting are not factored into a student’s overall GPA. These include academic intervention services and Physical Education. (See page 7 for the weighting of courses.)

Students and parents should give careful thought to the requests made for courses. Once course requests have been confirmed in June, a schedule will be created based on those requests. This schedule will not be changed unless the student has had the teacher before or the student is scheduled contrary to those requests.

If you have any questions about a particular course, please contact the appropriate department supervisor or your child’s School Counselor. Parents of current Grade 8 students should contact your School Counselor at the Middle School: 678-8524.

| English | Dr. Beth Zirogiannis, Director | 678-8568 |
| Social Studies & Business | Mitchell Bickman, Director | 678-7532 |
| Mathematics & Fam. Consumer Sciences | Tara Mauer, Director | 678-8567 |
| Science & Engineering Tech | Matthew Christiansen, Director | 594-2359 |
| World Languages | Dr. David Rose, Director | 678-7533 |
| Art & Music | Robert Brase, Director | 678-1220 |
| Special Education | Stephen Moran, Director | 678-7551 |
| Physical and Health Ed. | Jeff Risener, Director | 678-7530 |
| School Counseling | Dr. Paul Guzzone, Associate Principal | 678-7539 |

High School Counselors

| Jayne Gordon | 678 - 7537 |
| Renee Lochridge | 678 - 7540 |
| Carla Stillwell | 678 - 7540 |
| Mindy Stecklow | 678 - 7540 |
| Adam Utrecht | 678 - 7540 |

Attendance Assistant

| Sheena John | 678 - 7529 |

NCAA Advisor

| John Madden | 678 - 8543 |
| Jaclyn Sileo | 678 - 8543 |
| Frank Luisi | 678 - 8543 |
AP COURSES AT OCEANSIDE HIGH SCHOOL

At the core, Oceanside High School prides itself on providing students with opportunities to engage in enriching and rigorous curriculum that will help them to become college and career ready. Our AP level courses are designed to challenge students academically, expose students to college-level coursework, build confidence, and increase students’ marketability to higher education institutions.

An additional benefit of taking AP courses, and their corresponding AP exams, is to potentially earn college credit. All AP courses culminate with an AP exam administered in the spring. We strongly urge all students to sit for these exams. The costs of these exams are the responsibility of the student. Procedural information on how to pay for these exams will be explained during the course of the school year. For information about exam costs, please refer to the College Board website.

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For those students who feel academically ready and are interested in exposing themselves to challenging coursework, Oceanside High School offers both college and honors level courses. Our diverse learning opportunities allow students to experience curriculum that will excite them intellectually and promote college and career readiness.

Courses designated as “College” enable students to earn college credits through sponsoring universities. To receive these credits, students must adhere to the requirements as outlined by these universities. These requirements, including financial responsibilities, will be communicated to students at the start of the course. Please note. It is the responsibility of the student to obtain an official transcript from the sponsoring university to send to the college of attendance when attempting to transfer credits. The acceptance of college credits from different universities is at the discretion of the college of attendance.

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INTERDICIPLINARY RESEARCH PROGRAM

The research continuum at Oceanside High School provides an opportunity for students to experience the rigor and rewards of research. Through this continuum, students will learn about research methods and employ research practices as they address research questions through a cross-curricular lens. Students with an interest in the sciences, social sciences, humanities, or mathematics can find a research course to support their passion. Our research course offerings are designed to allow students to deeply explore academic topics or problems, pose solutions, collaborate, communicate, and think creatively.

INTERDICIPLINARY RESEARCH PROGRAM

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Grade Eligibility</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>4711</td>
<td>Foundations in Research</td>
<td>9th Grade Eligible</td>
<td>50</td>
</tr>
<tr>
<td>4712</td>
<td>College Research</td>
<td></td>
<td>50</td>
</tr>
<tr>
<td>4713</td>
<td>High School Science Research-Honors</td>
<td></td>
<td>50</td>
</tr>
<tr>
<td>2602</td>
<td>High School Social Science Research-Honors</td>
<td></td>
<td>51</td>
</tr>
<tr>
<td>2604</td>
<td>AP Capstone Year 1 – Seminar</td>
<td></td>
<td>51</td>
</tr>
<tr>
<td>2605</td>
<td>AP Capstone Year 2 - Research</td>
<td></td>
<td>51</td>
</tr>
</tbody>
</table>
In addition to Oceanside High School’s AP, College, and Honors level course offerings, we are proud to offer students a robust catalog of unique and engaging courses. Our elective course offerings are designed to provide students with opportunities to explore different avenues of interest in an effort to create a well-rounded learning community that promotes students’ self-awareness.

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1001 Remedial Reading *(Course 9th Grade Eligible)*
Credits: Non-Credit
Offered: Full Year Every Other Day
Grade Level: 9-12
Pre Req: Department Recommendation

This course provides students with a solid foundation in decoding skills using phoneme segmentation. It also includes instruction in vocabulary development, fluency, oral expression and comprehension. The grade achieved in this course is averaged into the grade for the student’s regular English class each quarter.

1002 Reading Workshop *(Course 9th Grade Eligible)*
Credits: Non-Credit
Offered: Full Year Every Other Day
Grade Level: 9-10
Pre Req: Department Recommendation

This course focuses on the development of critical reading skills through the examination of various types of literature and non-fiction texts. This course will help students to achieve grade-level competency in reading. The grade achieved in this course is averaged into the grade for the student’s regular English class each quarter.

1111 English 9 Regents *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9
Course Weight: 1.02
Pre Req: Department Recommendation

This course will explore important foundational texts including those from Greek Mythology, Epic Poetry, and Shakespeare, to name a few. The integration of relevant speeches, informational texts, films, and artwork to support the literature will help students to better understand the themes and related concepts present in these seminal works of literature. The course includes activities that will strengthen students’ reading, writing, speaking, and listening skills, and most importantly will help freshman to develop the understandings that will support their work in other English classes throughout high school. This course is accompanied by a conference period, which meets on an alternate day basis. During the conference period, students will meet with their English and Social Studies teachers.
1116 English 9 Honors (Course 9th Grade Eligible)
Credits: 1
Offered: Full Year
Grade Level: 9
Course Weight: 1.08
Pre Req: Department Recommendation

This course explores important foundational texts including those from Greek Mythology, Epic Poetry, and Shakespeare, to name a few. As this course is Honors level, these texts will be examined through rigorous analysis, with an increased focus on complex writing tasks. The integration of relevant speeches, informational texts, films, and artwork to support the literature will help students to better understand the themes and related concepts present in these seminal works of literature. The course includes activities that will strengthen students’ reading, writing, speaking, and listening skills, and most importantly will help freshman to develop the understandings that will support their work in other English classes throughout high school. This course is accompanied by a conference period taught by students’ English and Social Studies teachers, which meets on an alternate day basis.

1121/1126 English/Social Studies Conference/Conference-Honors (Course 9th Grade Eligible)
Credits: Non-Credit
Offered: Full Year Every Other Day
Grade Level: 9
Pre Req: Department Recommendation

This interdisciplinary course supports students' transition to high school. During the conference period students will benefit from a thorough immersion in activities that foster increased competency in reading, writing, listening, and speaking. Students will also work on numerous interdisciplinary projects throughout the year that promote voice and choice, including the Little Big History Project.

1211 English 10 Regents
Credits: 1
Offered: Full Year
Grade Level: 10
Course Weight: 1.02
Pre Req: Completion of Freshman English and Department Recommendation

This course will explore important works from World Literature, including texts from Africa, Russia, Germany, and England. Students will examine world literature in a cultural context to appreciate the diversity and complexity of world issues and global ideas. The integration of relevant speeches informational texts, films, and artwork to support the literature will help students to better understand the themes and related concepts present in the literature. The course includes activities that will strengthen students’ reading, writing, speaking, and listening skills, and most importantly this course will help to widen the literary landscape for sophomores.
1214 English 10 Integrated Regents
Credits: 1
Offered: Full Year
Grade Level: 10
Course Weight: 1.02
Pre Req: Teacher/Chairperson Recommendation

This is an enriched course in which reading, writing, speaking, and thinking activities will coordinate with the historical period the students are studying in Global Studies 2. There will be a wide variety of creative and expository writing experiences such as group reports, writing to or as an historical person or fictional character and research activities. The conference period will allow students an opportunity to meet individually with the teachers as well as in small or larger groups for enrichment. Field trips may be included.

1215 English 10 Honors
Credits: 1
Offered: Full Year
Grade Level: 10
Course Weight: 1.08
Pre Req: Completion of English 9 and Department Recommendation

This course will explore important works from World Literature, including texts from Africa, Russia, Germany, and England. Students will examine world literature in a cultural context to appreciate the diversity and complexity of world issues and global ideas. As this course is Honors level, these texts will be examined through rigorous analysis, with an increased focus on complex writing tasks. The integration of relevant speeches informational texts, films, and artwork to support the literature will help students to better understand the themes and related concepts present in the literature. The course includes activities that will strengthen students’ reading, writing, speaking, and listening skills, and most importantly this course will help to widen the literacy landscape for sophomores.

1217 English 10 Integrated Honors
Credits: 1
Offered: Full Year
Grade Level: 10
Course Weight: 1.08
Pre Req: Teacher/Chairperson Recommendation

This is an enriched humanities-based course, perhaps one of the very few time-line courses students will have the opportunity to take. This synthesis course, which covers important historical periods from the Greeks to the present, is integrated with the World History Advanced Placement course. Students will discover the influences on literature, art, music, architecture, and philosophy produced by major historical events. Field trips to museums, concerts, ballet and theater, are highlights integral to the understanding of the lectures and readings. Conferencing is an integral part of the course.
1302 English Regents Preparation
Credits: Non-Credit
Grade Level: 11
Offered: Full Year Every Other Day
Pre Req: Completion of English 10 and Department Recommendation

This course continues the building and reinforcement of language art skills, particularly the skills of reading and writing. Students will work on materials that will prepare them for the Comprehensive Examination in English. Students will also work on successive reading and writing activities that will assist them with the SAT exam, college essays, and resumes. The grade achieved in this course is averaged into the grade in American Literature each quarter.

1311 American Literature
Credits: 1
Offered: Full Year
Grade Level: 11
Course Weight: 1.02
Pre Req: Completion of English 10 and Department Recommendation

In this course, students will read and analyze works of American literature from Colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. A study of American authors, literary works, history, and culture is conducted to expose students to various experiences and perspectives from America’s literary tradition. The literary works chosen for this course provide opportunities for critical reading and writing as well as vocabulary development.

1314 American Literature Integrated
Credits: 1
Offered: Full Year
Grade Level: 11
Course Weight: 1.02
Pre Req: Teacher/Chairperson Recommendation

This is an enriched course in which the forces that have shaped this country’s life, the yearnings of our private hearts, and the mechanisms of our public policies are all reflected in our literature and art. This survey of United States literature and art from colonial times to the present emphasizes those connections that exist between literary themes and historical events. This course is designed to parallel the chronology of the United States History course. The inclusion of a conference period allows time for enrichment programs, including films, field trips, and the humanities.
1316 AP English Language and Composition
Credits: 1
Offered: Full Year
Grade Level: 11
Course Weight: 1.10
Pre Req: Completion of English 10 and Department Recommendation

This college level English class is designed to help students become skilled readers of prose written in a variety of disciplines and rhetorical contexts and to help them become skilled writers who compose for a variety of purposes. This course teaches students to analyze how graphics and visual images both relate to written texts and serve as alternative forms of text themselves. This course teaches research skills, and in particular, the ability to evaluate, use, and cite primary and secondary sources. This course fulfills the junior English requirement, and students will also take the Regents exam. Students taking this course are required to take the AP English Language and Composition exam in May.

1317 AP Integrated English Language and Composition
Credits: 1
Offered: Full Year
Grade Level: 11
Course Weight: 1.10
Pre Req: Teacher/Chairperson Recommendation.

This enriched college level English class is designed to help students become skilled readers of prose written in a variety of disciplines and rhetorical contexts and to become skilled writers who compose for a variety of purposes. It is taught in tandem with its counterpart, U.S. History AP. Using a variety of genres, the course emphasizes both critical reading and critical writing. Relationships between history and literature are explored so that students are able to synthesize different types of information and more fully comprehend what is particularly “American” in our literary selections. Conferencing, an integral part of the course, allows time for enrichment programs, including films, field trips, and the humanities. This course fulfills the junior English requirement, and students taking the course will take the English Regents exam and the AP English Language and Composition exam.

1415 AP English Literature
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.10
Pre Req: Completion of English 11 and Department Recommendation

This college freshman level English course is designed to help the student develop proficiency in the close and effective reading of literature and in his or her knowledge and mastery of the skills of effective expository writing. It emphasizes critical thinking and analytical writing in response to the world's most exciting literature. Students are also prepared for the Advanced Placement exam given in May. Course fulfills the four-credit sequence requirement necessary for English.
Senior Seminar in Literature – A/B/C
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.02
Pre Req: Completion of American Literature or AP English Language

Seniors will participate in a two-part (fall/spring) paired course. The Senior Seminar would closely follow grade 12 expectations set forth by the standards. Students will choose classes based upon their interests. The paired courses are described below. (AP English Literature continues to be offered in its traditional format. See its description above.)

142101,2 Senior Seminar in Literature Pair A
True North: Finding Your Path in the Modern World
Ever feel lost? Confused? Wonder where you fit into the world around you? In this course we will explore how you can start yourself on a path of self-reflection and work toward understanding who and what your individual Self is through a study of literature, non-fiction, philosophy, and art. We will also explore how mindfulness, adventure, and creativity all work together in developing your identity. All you need is a journal, an adventurous spirit, and a willingness to try new things!

Power: A Study of Race, Gender, and Class
This course will examine the relationship between identity and power, questioning: Who has power? How does one attain it? And how (and whether) to use it? We will read a variety of works focusing on those in power, while others portray marginalized voices. Each will examine power through the lens of language. For it is storytelling that determines how people develop their own identities in order to transform the world, or whether they turn away from the world and power altogether. The ultimate power resides in language, which demonstrates a right to speak, to be heard, and to redefine the world we live in. The only question is whose world is it anyway?

143101,2 Senior Seminar in Literature Pair B
Modern Literature: Are Today’s Texts Tomorrow’s Classics?
Modern literature will concentrate on literature of the current generation. The texts will focus on themes and conflicts that pertain to today’s society. Through the analysis of these modern texts students will be asked to examine the characters and conflicts in the works, as well as how this pertains to the ever-changing world we inhabit.

Fairy Tales: The Power of "Once Upon a Time..."
This course will carry the reader from Hrothgar’s kingdom in Denmark, where Grendel fills the night with horror, to other strange, dangerous, and mysterious worlds of gnomes and witches and trolls, Oh my! From a starving toymaker’s shabby hut, to a dragon’s lair strewn with glowing gold. Along the way, we will discover that the journey of literary heroes is the journey of ourselves.
144101,2 Senior Seminar in Literature Pair C

**A Perfect World: Utopian and Dystopian Literature**
The world is a complicated place that we are always trying to make better. For hundreds of years, writers have been imagining what a perfect world, or utopia may look like while humanity has struggled to create it. In this course, we will explore literature that examines our fascination with the “perfect world.” We will investigate the evils that we encounter in our daily lives and examine the imperfect or dystopian societies that reflect our natural human fears and anxieties.

**Horror: Monsters in our Society**
A monster is a fictional creature that inspires trepidation, causes anxiety and haunts dreams. Yet, this entity may not merely be the product of overly-active imaginations. The “monster” is real and has been the ugly muse of countless artists and authors. This course will seek to explore the dark, twisted roots of the horror genre beginning with the 18th century rise of Gothic fiction, as well as some of the aesthetic, psychological, and social implications of such fiction, while examining a number of classic and contemporary works. It will also focus on the development of the horror genre in film and how it is tied to the literary gothic.

1511 The Art of Communicating: Public Speaking for a Modern World
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: English 9

Effective communication is comprised of so much more than meets the ear. In this course, we will explore the nuances of both verbal and nonverbal communication in an effort to gain a greater understanding of how we relate to others. Through the practice of deep reflection, students will examine their ability to communicate effectively and articulate how they have shown personal growth over the course of the semester.

1515 Journalism in the Digital Age
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: English 9

This course will focus on how social and digital media has transformed the way journalists report on a story. Students will think critically and creatively as they apply this understanding to the writing of their own news stories. This course will also give students the opportunity to utilize a variety of mediums to help support the online edition of the Sider Press, our school’s digital platform for news. This course may be repeated for credit.

1516 Film Study
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre Req: English 10

This course is designed to develop students’ visual literacy and to help students judge and evaluate a film’s worth. This is a course where movies come to life – where the greatest movies of all time will be analyzed and appreciated through class discussion and written activities.
1518A The Magic of Words: Growing Up With Harry Potter
Credits: .5
Offered: Full Year, Alternate Day
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Completion of English 9

This course will involve a full exploration of the Harry Potter universe. From the first pages at Privet drive, to the new Broadway play, the course will examine the themes and images that have left an indelible mark on more than a generation of readers. Each book from the original series will be covered with deep dives into important story lines with a close look at the foreshadowing and irony that ties the entire story together through seven novels.

1533 Creative Writing: Short Form
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Completion of English 9

This is a course designed specifically for students who wish to concentrate on writer’s craft and in the creation of a variety of shorter fiction and non-fiction pieces. Through guided writing exercises, journal writing, song analysis, and poetry writing, students will come to understand and appreciate the artistic process essential to literary creation. Students will write for authentic audiences and purposes. Students who took Creative Writing 1 or 2 may not take course for credit.

1534 Creative Writing: Long Form
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Completion of English 9

This is a course designed specifically for students who wish to work toward the creation of a variety of longer fiction and non-fiction pieces. Through guided writing exercises and critiques of student created works implemented in workshop fashion, students will examine critically and come to understand and appreciate the artistic process essential to the creation of longer literary works such as memoirs, screenplays, and novels. Students who took Creative Writing 1 or 2 may not take course for credit.
**SOCIAL STUDIES DEPARTMENT COURSE DESCRIPTIONS**

2111 Global History 1/ Big History *(Course 9th Grade Eligible)*

Credits: 1  
Offered: Full Year  
Grade Level: 9  
Course Weight: 1.02  
Pre Req: None

Big History is a multidisciplinary approach that explores history from the Big Bang 13.8 Billion years ago to today. The course highlights common themes and patterns that can help us better understand people, civilizations, and the world we live in, through teaching BH as a cohesive story. Big History explores how we are connected to everything around us. It provides a foundation for thinking about the future and the changes that are reshaping our world. Subject knowledge does not remain in a vacuum; it, in fact, emerges as a component critical in understanding the greater world around us. Big History ultimately offers a modern narrative of history, which incorporates science and the use of evidence and logic to explain our world. This course incorporates course content from the New York State Global I Framework which covers ancient civilizations up to 1750. This course is accompanied by a conference period, which meets on an alternative day basis. During the conference period, students will meet with their Social Studies and English teachers. As a result of participation in the conference period, all students will experience a thorough immersion in the writing process, project based learning, and an environment that fosters students' historical thinking skills.

2116 Global World History – Pre-AP *(Course 9th Grade Eligible)*

Credits: 1  
Offered: Full Year  
Grade Level: 9  
Course Weight: 1.08  
Pre Req: Teacher or Department Recommendation

The purpose of the World History 1 Honors/Pre-AP course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Periodization, explicitly discussed, forms an organizing principle for dealing with change and continuity throughout the course. Specific themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study. The World History 1 Honors/Pre-AP course is the first part of a two year course of study that covers human origins to 1450 C.E. This course is accompanied by a conference period, which meets on an alternative day basis. During the conference period, students will meet with their Social Studies and English teachers. This course is suggested but not a prerequisite for the World History – Advanced Placement course in 10th grade.
2202 Global History and Geography Skills
Credits: Non-Credit
Offered: Full Year Every Other Day
Grade Level: 10-12

Pre Req: Global History & Geography 1 and Department Recommendation
This course is a review/supplement to the regular Global History 2 course. It will provide intense support for students deemed in need. It will continue the building and reinforcement of skills necessary for success on the Global History Regents examination. Appropriate instruction in reading, essay writing, and content areas will be aligned with the regularly scheduled Global History 2 class. The course will be scheduled to meet every other day. The grade achieved in this course is averaged in with the regular class grade. This course is mandatory when a student is recommended for academic intervention services.

2211 Global History and Geography 2
Credits: 1
Offered: Full Year
Grade Level: 10
Course Weight: 1.02
Pre Req: Global History & Geography 1

This is a course that deals with the study of global history beginning in 1750 and concluding with the modern era. Students will be required to focus on all five New York State Social Studies Standards and common themes across time and space throughout global history. The tenth grade course of study will be divided into four historical eras: Age of Revolution, Crisis and Achievement, 20th Century Since 1945 and contemporary issues. The course culminates with a Regents examination, which New York State mandates for graduation.

2214 Global History and Geography 2 Integrated
Credits: 1
Offered: Full Year
Grade Level: 10
Course Weight: 1.02
Pre Req: Teacher/Chairperson Recommendation

This is an enriched offering of Global History & Geography 2 that is team-taught with English 10. The differences from the Global History & Geography 2 course stand-alone are the experiences, connections with literature and understandings that the three period integrated approach provides for students. This team teaching approach is beneficial to students as they prepare for the rigors of college work. The humanities approach employed in this course has historically helped students achieve excellence on the Regents test in June. The course culminates with a Regents examination, which New York State mandates for graduation.
2216 AP World History
Credits:  1
Offered: Full Year
Grade Level:  10
Course Weight: 1.10
Pre Req:  Teacher or Department Recommendation
This is an Advanced Placement course in World History, a continuation of the World History 1 Honors/Pre-AP course taken in grade 9. Students are expected to develop their analytical and critical thinking skills and to understand historiography. The course will instill in students the historical thinking skills identified by the Advanced Placement program that students will need in order to meet success with the examination. This course will prepare students for the Advanced Placement test that they must take in May. Students must also pass the Regents examination in Global History and Geography, given in June (a requirement for graduation). Conferencing is not a part of this course.

2217 AP World History Integrated
Credits:  1
Offered: Full Year
Grade Level:  10
Course Weight: 1.10
Pre Req:  Teacher or Chairperson Recommendation
This is an enriched Advanced Placement course in World History, a continuation of the Global History 1 Honors/Pre-AP course taken in grade 9. The differences from the World History Advanced Placement stand-alone are the experiences, connections with literature and understandings that the three period block provides for students. Students are expected to develop their analytical and critical thinking skills and to understand historiography. The course will instill in students the historical thinking skills identified by the Advanced Placement program that students will need in order to be successful on the examination. The humanities approach employed in this course has historically helped students achieve personal levels of excellence on the Advanced Placement test that they must take in May. Students must also pass the Regents examination in Global History and Geography, given in June (a requirement for graduation). Conferencing is an integral part of this course.

2302 U.S. History Skills
Credits:  Non-Credit
Grade Level:  11-12
Offered: Full Year Every Other Day
Pre Req:  US History and Department recommendation
This course is a review/supplement to the regular US History course. It will provide intense support for students deemed in need. It will continue the building and reinforcement of skills necessary for success on the US History Regents examination. Appropriate instruction in reading, essay writing, and content areas will be aligned with the regularly scheduled US History class. The course will be scheduled to meet every other day. The grade achieved in this course is averaged in with the regular class grade. This course is mandatory when a student is recommended for academic intervention services.
2311 U.S. History and Government
Credits: 1
Offered: Full Year
Grade Level: 11
Course Weight: 1.02
Pre Req: Global History & Geography 1 & 2

Important topics in this course include the study of the major features of the U.S. Constitution and the history of the United States as an industrial nation. This course takes a chronological approach to U.S. History. The course is designed to emphasize the mastery of content as well as the development of thinking skills, writing and research skills. The course culminates with a Regents examination, which New York State mandates for graduation.

2314 U.S. History and Government Integrated
Credits: 1
Offered: Full Year
Grade Level: 11
Course Weight: 1.02
Pre Req: Teacher/Chairperson Recommendation

In this enriched course, important topics include the study of the major features of the U.S. Constitution and the history of the United States as an industrial nation. What is different from the U.S. History stand-alone course are the experiences, connections with literature and understandings that the three period blocks provides for students. This course is paired with American Literature and the team teaching approach is beneficial to students as they prepare for the rigors of college work. The humanities approach employed in this course has historically helped students achieve excellence on the Regents test in June. The course culminates with a Regents examination, which New York State mandates for graduation.

2316 AP United States History
Credits: 1
Offered: Full Year
Grade Level: 11
Course Weight: 1.10
Pre Req: Global History & Geography 1 & 2 and Teacher or Chairperson Recommendation

This is an Advanced Placement course in American History. This course is taught at the freshman college level and is designed to help the students make the transition to college work. Higher level analytical, research and writing skills will be stressed. The course will instill in students the historical thinking skills identified by the Advanced Placement program that students will need in order to be successful on the Advanced Placement examination. The course culminates with both the US Regents examination, which New York State mandates for graduation, and the Advanced Placement exam in May.
2317 AP United States History Integrated
Credits: 1
Offered: Full Year
Grade Level: 11
Course Weight: 1.10
Pre Req: Teacher/Chairperson Recommendation

This is an enriched Advanced Placement course in United States History. The differences from the United States Advanced Placement stand-alone are the experiences, connections with literature and understandings that the three period block provides for students. This course is paired with English Language and Composition Advanced Placement and is taught at the freshman college level with a team teaching approach designed to help students make the transition to college work. Higher level analytical, research and writing skills will be stressed. The course will attempt to instill in students the habits of mind identified by the College Board. The humanities approach employed in this course has historically helped many students achieve personal levels of excellence on the Advanced Placement test in May. The course culminates with a Regents examination, which New York State mandates for graduation. Students are also expected to take the Advanced Placement exam in May. Conferencing is an integral part of the course.

2411 High School Economics
Credits: .5
Offered: Fall & Spring
Grade Level: 12
Course Weight: 1.02
Pre Req: 9th, 10th and 11th grade Social Studies

This course is the state-mandated course in economics. Concepts of scarcity, supply and demand, markets, labor, GDP, business cycle and economic indicators, money and banking, managing the economy, trade, and investment are some of the topics covered. Students performing at a high level will be encouraged to take the Advanced Placement exam in economics. This course is a mandatory graduation requirement.

2415 AP Economics
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.10
Pre Req: Teacher or Chairperson Recommendation & 9th, 10th, and 11th grade Social Studies

This is a college level economics course that will prepare students for the Advanced Placement tests in macroeconomics and microeconomics. This course satisfies the economics requirement for graduation by the State of New York. The course will instill in students the historical thinking skills identified by the Advanced Placement program that students will need in order to be successful on the examination. It is taught for the full year and students are expected to take both Advanced Placement Economics tests in May. Some students will compete in the Federal Reserve Challenge and the Economic Challenge as part of their coursework.
2421 Participation in Government
Credits: .5
Offered: Fall & Spring
Grade Level: 12
Course Weight: 1.02
Pre Req: 9th, 10th, and 11th grade Social Studies

This course is designed to instruct students about the nature of politics, how decisions are made, and how public policy is formed, implemented and evaluated at the local, state and federal level. Mock trials, town meetings, and public hearings are some of the formats that will be used to learn about public policy in our country. Students will be expected to use their accumulated knowledge and skills from their previous courses in social studies. This course satisfies the requirement for graduation by the State of New York.

2432 Participation in Government and Economics/Senior Mentor Program (GEM)
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.02
Pre Req: Teacher recommendation, behavior, attendance and GPA are all factors for enrollment into this course.

This is a full year course that integrates the Government and Economics curricula. The course meets the state requirements for graduation in both courses. Students spend four days of a six-day cycle studying the issues that drive our decisions in economics and government. They spend one class period in the six-day cycle mentoring our incoming freshmen students. The mentoring will be under the supervision of our social studies and/or health teachers who will meet with the students for training, feedback and supervision on the final day of the six-day cycle. The purpose of the experience is to build a sense of connectedness, create a service learning experience and heighten the overall sense of community in our high school. The study of economics and government will be enriched by the mentoring experience. This course satisfies the government and economics requirement for graduation by the State of New York and will provide students with a community service component. Student mentors are required to attend a mandatory mentoring workshop prior to the beginning of the school year.

2451 AP American Government
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.10
Pre Req: Teacher or Chairperson recommendation & 9th, 10th, and 11th grade Social Studies

This is a full year course in college level American Government. The basic institutions of our government are studied in depth. The course will instill in students the habits of mind identified by the Advanced Placement program that students will need in order to be successful on the examination. Students are expected to take the Advanced Placement US Government and Politics exam in May. This course satisfies the government requirement for graduation by the State of New York.
2452 AP American Government - Regents Economics/Senior Mentor Program (GEM)
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.10
Pre Req: Teacher recommendation, behavior, attendance and GPA are all factors for enrollment into this course.

This is a full year course that integrates the AP Government and Regents level Economics curricula. The course meets the state requirements for graduation in both courses. Students spend four days in a six-day cycle studying the issues that drive our decisions in economics and AP government. The course will instill in students the habits of mind identified by the Advanced Placement program that students will need in order be successful on the Advanced Placement examination. Seniors will spend one class period in a six-day cycle mentoring our freshmen students. The mentoring will be under the supervision of our social studies and/or health teachers who will meet with the students for training, feedback and supervision on the final day of the six-day cycle. The purpose of the experience is to build a sense of connectedness, create a service learning component, and heighten the overall sense of community in our high school. The study of economics and government will be enriched by the mentoring experience. This course satisfies the government and economics requirement for graduation by the State of New York and will provide students with a community service component. Student mentors are required to attend a mandatory mentoring workshop prior to the beginning of the school year.

2462 AP Human Geography
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre Req: Global History

Advanced Placement Human Geography is an introductory course that introduces the student to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth’s surface, geography shapes every facet of how humans interact with each other and the physical environment. While preparing for the exam is a central goal of the course, students can also look forward to deepening their knowledge of the world around them through the study of human geography. Major course concepts include using and interpreting maps and spatial data, understanding the impacts of population growth and decline, analyzing the patterns and processes of cultural differences, identifying different scales of political organization, examining major agricultural production regions, analyzing patterns of industrialization and their impacts on development, and a detailed look at cities and urban geography. Students are expected to take the Human Geography Advanced Placement Examination in May. College credit may be obtained by taking the examination.

2512 College Psychology
Credits: 1
Offered: Full Year
Grade Level: 12 (11th graders may enroll if space allows)
Course Weight: 1.10
Pre Req: Acceptance by LIU Post and High School GPA of at least 80

This is a college level psychology course given through the LIU Post High School Scholars program. Writing and research assignments are at a college freshmen level for this survey course. Course focuses on the study of human behavior and the psychological processes that underlie behavior. This course is a full year. There is a final examination. Three college credits will be granted (in addition to high school credit) for a fee if the student earns a grade of C of higher. The transferring of these credits to a different college is strictly at the discretion of the college the student attends. Students must adhere to LIU Post’s registration and application procedures.
2514 High School Criminology
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre Req: None

The sociology of criminal behavior as well as the criminal justice process, police, courts, corrections, and the juvenile justice system are all explored in this course. There is a final exam. Writing and research assignments are required for this survey course.

2531 American History: Post World War II
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre Req: 9th, 10th grade Social Studies

This course is designed to take an in-depth look at the events of the twentieth century that have shaped the world we live in today. It offers an opportunity for students to obtain a better understanding of modern events including World War II, the Korean War, Kennedy’s presidency and assassination, Vietnam, the social and political reform of the sixties, Watergate, Iran-Contra, the Space Program, the Gulf Wars and finally 9/11. The course will be enriched with film and media.

2532 News, Media, & Reality
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req:  

This is a course that deals with the study of current events and the media. Students in this course will develop the skills needed to be critical consumers of information while also having an opportunity to take action on a current event they are passionate about. The first half of the course will cover media literacy. Students will examine, interpret, and evaluate news sources (including social media). In addition, the social, political, and cultural implications of news stories will be explored. During the second half of the course, students will have the opportunity to take informed action on an issue of their choosing.

2533 Riots, Rebellion, and Revolution
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: 

This elective will examine the conditions that bring about riots, rebellions and revolutions in society. Each topic will include case studies that examine the role that race, gender, and class played in shaping the event. There will also be a culminating assessment in which the students will be able to pursue their own study of a historical event that coincides with the work done in class. While the concentration of our study will be within the confines of American history, we will also pay attention to the global context associated with each unit of study. There will be specific attention paid to voice as we explore a multitude of sources including first-hand accounts of major historical events.
MATHEMATICS DEPARTMENT COURSE DESCRIPTIONS

3121 Algebra 1 *(Course 9th Grade Eligible)*
Credits: 1  
Offered: Full Year  
Grade Level: 9-12  
Course Weight: 1.02  
Pre Req: Teacher recommendation (8th grade)

This course is a one-year course in which students will have an opportunity to master the basic skills of elementary algebra. Students will solve practical problems and further their experiences with communicating mathematical ideas. Some of the topics that are covered in this course include: solving linear and quadratic equations, numerical and graphical solutions to equations and problems, adding, subtracting, and multiplying polynomials, factoring, completing the square, and other mindful algebraic calculations. Students will be prepared to take the Algebra 1 Regents exam in June.

3221 Geometry *(Course 9th Grade Eligible)*
Credits: 1  
Offered: Full Year  
Grade Level: 9-12  
Course Weight: 1.02  
Pre Req: Passing score in Algebra 1 and on the Algebra 1 Regents

This course is a one-year course where students will study geometric reasoning. Students will learn how to develop write formal proofs, paragraph proofs and coordinate geometry proofs. Topics such as constructions, congruence, similarity, right triangles, and trigonometry will also be explored. Students will be prepared to take the Geometry Regents in June.

3225 Applied Geometry *(Course 9th Grade Eligible)*
Credits: 1  
Offered: Full Year  
Grade Level: 9-12  
Course Weight: 1.02  
Pre Req: Passing Score in Algebra, Teacher Recommendation and Department Director Approval

This is an introductory course that reinforces the algebra skills while introducing concepts in geometry. Students are prepared to continue their study of Regents Geometry with a deep understanding of the fundamental concepts, which are essential for success in the study of advanced mathematics. The graphing calculator is used throughout the course to integrate numerical, algebraic, graphical, and analytical understanding. Students will be required to use the calculator for class work, homework, tests, quizzes, and for the final exam in June.
3301 Advanced Algebra
Credits: 1
Offered: Full Year
Grade Level: 10-11
Course Weight: 1.02
Pre-Requisite: Passing Score in Geometry and Department Director Approval

This is an introductory course that continues the integration of algebra & geometry with trigonometric concepts. Students are prepared to continue their study of Regents Algebra 2 with a deep understanding of the fundamental concepts, which are essential for success in the study of advanced mathematics. The graphing calculator is used throughout the course to integrate numerical, algebraic, graphical, and analytical understanding. Students will be required to use the calculator for class work, homework, and for the final exam in June.

3304 Math in Society
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.02
Pre-Requisite: 3 credits of math earned

This course is intended for students to learn mathematical skills that are immediately applicable to their everyday lives beyond the high school setting. This course emphasizes problem-solving techniques and creative thinking in different areas of mathematics.

3321 Algebra 2
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Passing Score in Geometry & Regents

The content of this course includes an in-depth exploration of algebra, working with complex numbers, working with functions including logarithmic and exponential functions, an in-depth exploration of trigonometry and an exploration of arithmetic and geometric series. This course meets for 9 periods in a 6-day cycle. (That is, a double period every other day.) The students will be prepared to take the Algebra 2 Regents in June. Students who pass this Regents will be eligible for an Advanced Regents Diploma.

3324 Algebra 2 Honors
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.08
Pre Req: Minimum course grade of 90 in Geometry and 85 on the Geometry Regents; Teacher Recommendation Required

This honors class is an enriched version of Algebra 2. Additional topics and activities are added to the curriculum to enable students to meet their talents and interests in mathematics. The students will be prepared to take the Algebra 2 Regents in June. Students who pass this Regents will be eligible for an Advanced Regents Diploma.
3330 College Prep Algebra
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.02
Pre Req: Less than 3 credits of math earned

This course, for seniors only, will serve as a 3rd year course for those students who have attempted Algebra 2 and have been unsuccessful. While all students are encouraged to take Algebra 2 and the Regents exam, some students in their senior year may be better served by this college preparatory course. The topics covered in the course will be aligned to those found on many college placement exams.

3431 Pre-Calculus 11
Credits: 1
Offered: Full Year
Grade Level: 11
Course Weight: 1.02
Pre Req: Passing Algebra 2 course with a minimum grade of 75

This course is a full year of a traditional pre-calculus curriculum. Topics include the study of different types of functions and their graphs, conics, sequences and series, polar coordinates and the start of limits. This course will prepare students for Advanced Placement Calculus AB. This course also prepared students for the SAT-II Level 2 test in mathematics.

3432 Pre-Calculus 12
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.02
Pre Req: Passing grade in Algebra 2 course.

This course is a full year of a traditional pre-calculus curriculum. Topics include the analysis of different types of functions such as, polynomial functions, rational functions, exponential and logarithmic functions, and trigonometric functions, and the start of basic limits.

3434 Pre-Calculus Honors
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.08
Pre Req: Passing Algebra 2H with a minimum grade of 90 in the course, 85 on the Algebra 2 Regents, and teacher recommendation.

Pre-Calculus Honors is a one-year course including topics in advanced algebra, analytic geometry, spatial geometry, analysis of functions and their graphs, linear algebra and applications, probability and elementary concepts of calculus. Students in this course are expected to enroll in Advanced Placement Mathematics in the subsequent year. In June, students will take a locally prepared final exam.
3509A App Creation *(Course 9th Grade Eligible)*
Credits: 0.5
Offered: Full Year Every Other Day
Grade Level: 9-10 (preference will be given to 10th grade students first)
Course Weight: 1.02
Pre-requisite: Passing grade in Algebra 1 and on the Regents

This is an introductory course; no coding experience is necessary. Students will learn a six-step design thinking process to create their very own Apps. Students learn all of the important elements that are essential to creating a viable product, whether to be used as a unique presentation tool or an app for global consumption. This class is open to all 9th and 10th grade students who have successfully completed Algebra 1.

3511 Advanced Algebra 3
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Passing Algebra 2 course

This is a semester length course designed for students seeking to further their knowledge of mathematics. Some of the topics included in this course are an in-depth look at real and complex numbers, solving equations of degree greater than 2, sequences and series, mathematical induction, matrices and polar coordinates. This course will help students in their preparation for placement tests in mathematics as they enter college. Students usually follow this course with Probability and Statistics.

3512 Probability and Statistics
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Passing Algebra 2 course

This is a semester length course designed for students seeking to explore the ways in which data is collected and analyzed in the interest of decision-making. Topics include elementary probability, advanced probability, analyzing distributions, testing validity and significance, and linear and multiple regression. The topics will be presented with regard to realistic and commonly used applications. Students usually follow this course with Advanced Algebra.
3513 College Intro to Computer Science
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.10
Pre Req: Passed or currently taking Algebra 2

Computer Science is a full year course covering the foundations of computer science and computer programming. The first semester will focus on computer ethics and computer programming in Python. The second semester will focus on computer programming in JAVA. Students will write original programs that help solve problems and perform tasks that occur naturally in the study of an academic area, in business, and in other areas of society. Students who successfully complete this course will be ready for the more rigorous Computer Science Advanced Placement curriculum. Students will be eligible to earn 3 college credits through SUNY at Farmingdale State College for an additional fee. The transferring of these credits to a different college is strictly at the discretion of the college the student attends.

3514 AP Computer Science A
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre-requisite: College Intro to Computer Science and teacher recommendation

This is a one-year course designed to instruct the student in the fundamentals of Computer Science through the programming language of JAVA. This is an Advanced Placement course that prepares students for the Advanced Placement exam for college credit. Students are expected to take the Advanced Placement Exam in May.

3515 AP Computer Science Principles
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre-requisite: At least one computer science course or Department Director Approval

This is a one-year course designed to offer instruction to students in the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. This course will focus on the innovative aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives. Students will be prepared for the Advanced Placement exam for college credit and are expected to take the Advanced Placement Exam in May.
3516 Cybersecurity
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre-requisite: Open to 11th and 12th Grade Students who have successfully passed the Geometry Course and the Geometry Regents and have taken either PLTW Engineering course or any other computer science course

Cybersecurity introduce the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students’ knowledge of and commitment to ethical behavior. It also aims to develop students’ skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

3611 AP Calculus AB
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.10
Pre Req: Passing Pre-Calculus with a minimum grade of 80

This is a one-year Advanced Placement course that covers the traditional calculus course taught at the college level including the concepts and applications of differentiation and integration. Students may earn up to 3-4 college credits for AB Calculus by taking the Advanced Placement Exam at the conclusion of this course. Students are expected to take the Advanced Placement Exam in May.

3612 AP Calculus BC
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.10
Pre Req: Passing Pre-Calculus Honors with a minimum grade of 90 and teacher recommendation

This is a one-year Advanced Placement course that covers the traditional calculus course taught at the college level including the concepts and applications of differentiation and integration. Additional topics are covered in BC Calculus. This course meets for 9 periods in a 6-day cycle (Double period every other day). Students may earn up to 6-8 college credits for BC Calculus by taking the Advanced Placement exam at the conclusion of this course. Students are expected to take the Advanced Placement Exam in May.

3614 College Statistics
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre Req: Passing the Algebra 2 Regents with a Grade of 80 or Higher

College Statistics is a full year course that presents the foundations of college level statistics. The topics will include the collection of data for decision-making purposes, sampling populations, measurements used to analyze data, hypothesis testing, and methods of prediction. Students will conduct their own research projects and apply statistical methods to analyze and interpret their findings. Students may receive 3 college credits from SUNY Farmingdale State College by successfully completing this course for a fee paid to the College. The transferring of these credits to a different college is strictly at the discretion of the college the student attends.
SCIENCE DEPARTMENT COURSE DESCRIPTIONS

4102 Biology: Living Environment Skills *(Course 9th Grade Eligible)*
Credits: Non-Credit
Offered: Full Year Every Other Day
Grade Level: 9
Pre Req: Co-requisite Living Environment Regents Course and Department Recommendation

This course, supplementary to the regular Living Environment Regents course, will provide intensive support for students deemed in need. The course focuses on developing and reinforcing the skills necessary for success on the Living Environment Regents examination. Appropriate instruction in reading, writing, lab skills and content areas will be aligned with the regularly scheduled Living Environment class. The grade achieved in this course will be averaged into the grade for the Living Environment Regents course each quarter. This course is mandatory when a student is recommended for academic intervention services.

4111/Lab 4121 Biology: The Living Environment *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: General Science 8

This course is required for graduation for all students. It is based upon the New York State Learning Standards. Students will use mathematical analysis, scientific inquiry and engineering design, when appropriate, to study the natural and living world. Key ideas include living things have similarities and differences from each other and the nonliving environment upon which they depend; genetic information, which allows all organisms to exist in a dynamic equilibrium, is passed on from parents to offspring during reproduction; species and organisms change over time; and humans have had, and continue to have, a profound impact on the environment. This course is accompanied by a lab, which meets every other day. Students are required by NYS to complete a minimum number of lab activities to be eligible to sit for the Regents exam.

4211/Lab 4221 Earth Science: The Physical Setting *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre req: Living Environment—passing grades in the course and the Regents exam

This course is based upon the New York State Learning Standards. Students will use mathematical analysis, scientific inquiry, and engineering design to study the Earth and space sciences. Key ideas include the Earth and celestial phenomena can be described by principles of relative motion and perspective; many of the phenomena that we observe on Earth involve interactions among components of air, water and land; and matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity. This course is accompanied by a lab, which meets every other day. Students are required by NYS to complete a minimum number of lab activities to be eligible to sit for the Regents exam.
4214/Lab 4224 Earth Science: The Physical Setting Honors (Course 9th Grade Eligible)
Credits: 1
Offered: Full Year
Grade Level: 9-11
Course Weight: 1.08
Pre req: Living Environment—teacher recommendation

This is an enriched Earth Science course for students who have demonstrated exceptional ability in Biology. This course is accompanied by a lab, which meets every other day. Students are required by NYS to complete a minimum number of lab activities to be eligible to sit for the Regents exam.

4311/Lab 4321 Chemistry
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre req: Living Environment, Earth Science, and Algebra—passing Regents grades on each and teacher recommendation.

This course is based upon the New York State Learning Standards. Chemistry is a course very popular with students looking towards college. Topics include detailed investigations into the nature of elements, compounds and mixtures and how they interact through chemical reactions. Additional topics include the basic chemistry of living organisms and some simple nuclear chemistry. Interesting lab exercises allow students to make observations that reinforce classroom learning. Students enrolled in this course should be comfortable with the manipulation of simple algebraic equations and proportions. This course is accompanied by a lab, which meets every other day. Students are required by NYS to complete a minimum number of lab activities to be eligible to sit for the Regents exam.

4314/Lab 4324 Chemistry Honors
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.08
Pre req: Living Environment, Earth Science, and Algebra - and teacher recommendation

This is an enriched Chemistry course for students who have demonstrated exceptional ability in Biology and Earth Science. A solid mathematical background is essential in this course. Students are exposed to in-depth chemistry topics and laboratory exercises, which test their conceptual understanding. This course is accompanied by a lab, which meets every other day. Students are required by NYS to complete a minimum number of lab activities to be eligible to sit for the Regents exam.
4315/Lab 4325 Chemistry Grade 9 Honors *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9
Course Weight: 1.08
Pre req: Living Environment—Final average and Regents grades 90 or higher and co-requisite: Foundations of Research

This honors chemistry course is open only to ninth grade students who are scheduled for both the science research program and who have demonstrated exceptional ability in both the Living Environment regents program and mathematics in eighth grade. Students study chemistry topics in-depth and conduct laboratory exercises which test their conceptual understanding. The lab meets every other day. Students are required by NYS to complete a minimum number of lab activities to sit for the Regents exam.

4411/Lab 4421 Physics
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre req: Passing final averages in Living Environment, Earth Science, Chemistry and Algebra 2

This course is based upon the NY State Science Learning Standards. As part of the traditional science sequence for college bound students, physics challenges students to learn about the physical world around them. Through a study of the natural laws that govern all interactions in the universe, students will learn the principles behind “how things work.” Topics covered include motion, forces, heat, light, and electricity. Students enrolled in physics should have a strong science and math aptitude. This course is accompanied by a lab, which meets every other day. Students are required by NYS to complete a minimum number of lab activities to be eligible to sit for the Regents exam.

4511 Marine Science
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Living Environment and Earth Science

Laboratory and field experiences in the local marine environment will augment classroom study of basic biology, chemistry, physics, and earth science. Topics will include invertebrate and vertebrate zoology, botany, aquaculture, local ecology, pollution, and environmental action.
4514 Exploring Forensic Science
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre req: Living Environment and Earth Science

Students in this course will have the opportunity to explore the science of criminal investigation. Criminal psychology, lab methods with immediate application to known facts, and various aspects of biology, earth science, chemistry, and physics will be studied. Over 150 careers in Forensic Science will be reviewed. These careers range from entry-level jobs after high school to those requiring two-year, four-year, or graduate and medical degrees. This course will give students the opportunity to use the knowledge that they have previously gained in traditional science courses.

4516 Exploring Astronomy
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre req: Living Environment and Earth Science - passing final averages in both and passing Regents in one course.

Topics covered in Astronomy include the following: the formation of the solar system, stars, black holes, galaxies and an in-depth look at the planets.

4519 Rockets & Roller Coasters
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre req: Living Environment and Earth Science

This project-based course is designed to actively engage students in the concepts of physics. Topics may include the study of motion, air resistance, momentum, and energy. Students will participate in a variety of activities and laboratory-based investigations, including building rockets, egg drop devices, collisims, and roller coasters. Basic algebra will be used to support the projects and investigations.

4520 Natural Disasters
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre req: Living Environment and Earth Science

Natural disasters deal with the analysis of catastrophic phenomena that occur all over the world. Special attention is given to understand how these events affect humans. The course is designed to give students and overview of Earth processes that trigger events like earthquakes, tsunamis, severe weather, and volcanoes.
4611/Lab 4621 AP Biology
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre req: Living Environment, Chemistry, Physics (pre/co-req) and teacher recommendation.

The AP Biology course is designed to be the equivalent of the introductory biology course usually taken by biology majors during their first year of college. Students will explore the four big ideas of evolution, cellular processes, genetics and information transfer, and biological interactions. A high score on the AP exam may allow students to take more advanced courses in college biology or satisfy the basic requirements in biology so that they may pursue other areas. This course is accompanied by a lab, which meets every other day. Students are expected to take the AP exam in May.

4612/Lab 4622 AP Chemistry
Credits: 1
Offered: Full Year
Grade Level:
Course Weight: 1.10
Pre req: Living Environment, Chemistry, Physics (pre/co-req)— and teacher recommendation.

This course is designed to be the equivalent of the introductory chemistry course usually taken during the first college year. A high mark on the exam may allow students to take more advanced courses in college chemistry or satisfy the basic requirements in chemistry so that they may pursue other areas. This course is accompanied by a lab, which meets every other day. Students must take the Advanced Placement exam in May.

4614/Lab 4624 AP Physics 1
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre req: Teacher recommendation and passing Regents grades in Living Environment, Earth Science, Chemistry and Algebra 2

The AP Physics 1 course is designed to be the equivalent of a first-year college course in algebra-based physics. Students explore principles of Newtonian mechanics (including rotational motion); work, energy, momentum, and power; mechanical waves and sound; and introductory electric circuits. Students must take the Regents exam in Physics in June. Students are required by NYS to complete a minimum number of lab activities to be eligible to sit for the Regents exam. This course meets for 2 full periods every day. Students are expected to take the AP exam in May.
4615/Lab 4625 AP Physics C
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre req: Physics; Passing Regents grades; Teacher recommendation

Co-requisite: Calculus AB or BC.

This course forms the foundation in physics for students majoring in the physical sciences or engineering in college. Calculus is used wherever appropriate in formulating physical principles and in applying them to problems. The subject matter is principally mechanics, electricity and magnetism. A high mark on the exam may allow students to take more advanced courses in college physics or satisfy the basic requirements in Physics so that they may pursue other areas. This course is accompanied by a lab, which meets every other day. Students are expected to take the AP exam in May.

4616/Lab 4626 AP Environmental Science
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre Req: Cumulative average of 75 or higher on 3 Science Regents Exams & teacher recommendation

The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and skills required to understand how human behaviors and beliefs impact the natural world. Students will explore and evaluate the relative benefits and risks associated with such behaviors and beliefs; with this knowledge, students will examine alternative solutions for resolving and preventing them. A high score on the AP exam may allow students to take more advanced courses in college science or satisfy the basic requirements in science so that they may pursue other areas. This course is accompanied by a lab, which meets every other day. Students are expected to take the AP exam in May.

4518 College Anatomy and Physiology
Credits 0.5 credits
Offered: Fall and Spring
Grade Level: 11 & 12
Course Weight: 1.10
Pre req: Cumulative average of 75 or higher on 3 science Regents exams.

This rigorous college-level elective science course includes a detailed study of many human body systems. Homeostatic balance, the relationship between structure and function, and the interrelationships between body systems are a focus throughout the course. This course is recommended for students interested in a health-related career, especially those students who plan to study medicine, nursing, physical therapy, and athletic training. Laboratory activities reinforce concepts and principles presented in the course and will include dissections to visualize the dynamics of the body. Units will culminate in various forms of assessment, including but not limited to projects, disease diaries, Socratic seminars, and laboratories.

*To receive college credits through St. John’s University:

Seniors: 80% average or better in the five basic academic subjects and a combined math and critical reading SAT score of 1000 (or 100 on the PSAT), or an ACT score of 21.
Juniors: 85% average and a combined math and critical reading SAT score of 1000 (or 100 on the PSAT).

**The acceptance of these credits to a different college is strictly at the discretion of the college the student attends.
INTERDICIPLINARY RESEARCH PROGRAM

4711 Foundations in Research *(Course 9th Grade Eligible)*
Credits: 0.5
Offered: Full Year Every Other Day
Grade Level: 9-10
Course Weight: 1.08
Pre req: Teacher recommendation

Students will explore the research process and techniques in depth. Through a series of hands-on activities, they will learn how to collect, process, organize, analyze and present data using Google Sheets, Slides and other programs. These skills will then be incorporated into their group and individual projects. All students will present their work at the Annual Research Fair. Grading follows a specific rubric, which requires timely production of several high quality written products and oral presentations. Completion of a summer assignment is a requirement for this course.

4712 College Research
Credits: 1
Offered: Full Year Every Other Day
Grade Level: 10-12
Course Weight: 1.10
Pre req: Foundations in Research course, recommendation from research teacher, and one additional teacher, application, transcript review.

This is an advanced placement course. Tenth students will be expected to carry out rigorous library research as they begin the process of narrowing down their eventual research project. Sincere interest and independent effort will be required to find a mentor at a cooperating institution. Students and parents must understand that satisfactory completion of the program will require work at a cooperating laboratory during the sophomore and junior summers. Participation in several competitions is required in 11th and 12th grade. Seniors must submit a journal-level paper by the first week of October in their senior year. As with the Foundations in Research course, grading follows a specific rubric which requires timely production of several high quality written products and oral presentations. Completion of a summer assignment is a requirement for this course. All students are required to participate at the Annual Research Symposium. Satisfactory completion of the 11th and 12th grade College Research program allows students the opportunity to register for up to 12 credits being granted by SUNY Albany. *The transferring of these credits to a different college is strictly at the discretion of the college the student attends.*

4713 High School Science Research-Honors
Credits: 1
Offered: Full Year Every Other Day
Grade Level: 10-12
Course Weight: 1.08
Pre req: Foundations in Research course and research teacher recommendation.

This course is designed for students who are interested in continuing in a science research program without the full summer commitment that is required in the College course. Students will be expected to conduct rigorous library research as they begin the process of developing a research project. Participation in several local competitions is required. There are no formal tests in this course. Grading will follow a specific rubric which requires timely production of several written products and oral presentations. All students are required to participate at the Annual Research Symposium. Completion of summer assignment is a requirement for this course.
2602 High School Social Science Research-Honors
Credits: 1
Offered: Full Year Every Other Day
Grade Level: 12
Course Weight: 1.08
Pre Req: Teacher or Chairperson Recommendation

The course is a continuation of the project proposal from spring of 9th grade year. Students work on original research with the teacher/advisor for the remaining 3 years in the program. Students enter their original research project (which includes an extensive paper, power point presentation, and tri-fold board presentation) upon commencement of their senior year in the Intel Science Talent Search, TOPSS, JSHS, and publish their findings in periodicals. Only open to seniors.

2604 AP Capstone Year 1 – Seminar
Credits: 1
Offered: Full Year
Grade Level: 10-11
Course Weight: 1.10
Pre Req: None

AP Capstone is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. In AP Seminar, students investigate real-world issues through a cross-curricular lens, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. This course ends in an AP Exam.

2605 AP Capstone Year 2 - Research
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre Req: AP Capstone Year 1 - Seminar

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper and a presentation with an oral defense.
ENGINEERING TECHNOLOGY DEPARTMENT COURSE DESCRIPTIONS

4921 Principles of Construction
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

This course instructs students on the basics of home construction, repair, and maintenance. Students will frame a wall of a house and complete it by adding framing for doors and windows, plumbing, and electricity. During this process the students will learn the underlying principles of the construction, plumbing, and electrical technology and safety protocols. They will create a floor plan of a house and make use of computer technology wherever appropriate.

4922 Mechanical Drawing
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

This beginning course in drafting allows students to study and work on a variety of topics related to Mechanical drawing. Students will learn how to complete drawings in the areas of geometric construction and orthographic drawings. Measurement, dimensioning, sketching, and spatial visualization will be used to complete these tasks. This is a beneficial course for anyone interested in engineering, architecture, and construction.

4944 Introduction to Engineering and Design *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full year
Grade Level: 9-10
Course Weight: 1.02
Pre-requisite: Passing grade in Algebra 1 course and Regents

This is a foundation course that is part of the national Project Lead the Way engineering program which emphasizes problem-solving skills using a design development process. Students in Introduction to Engineering and Design will develop an understanding of course concepts by participating in activity, project, and problem-based learning. They will use sophisticated modeling computer software to develop, analyze, and communicate their solutions. Students taking this class may fulfill their 1 credit requirement in art or music. Upon successful completion, students can earn credit from Rochester Institute of Technology. Based on their performance on this exam, their course weight may be adjusted to 1.1. *The transferring of these credits to a different college is strictly at the discretion of the college the student attends.*
4945 College Civil Engineering/Architecture
Credits: 1
Offered: Full year
Grade Level: 10 or 11
Course Weight: 1.1
Pre-requisite: Introduction to Engineering Design; Knowledge of basic Algebra, Geometry, and Trigonometry is strongly recommended.

This is the second course in the Oceanside High School Project Lead the Way sequence. Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software. Students will also be involved in the production of long and short-term projects utilizing sophisticated computer software such as Autodesk Revit. This course may be taken for college credit through the Rochester Institute of Technology. The transferring of these credits to a different college is strictly at the discretion of the college the student attends.

4946 College Principles of Engineering
Credits: 1
Offered: Full year
Grade Level: 11 - 12
Course Weight: 1.1
Pre-requisite: Civil Engineering/Architecture (CEA). Passed Algebra 2 and priority given to students who have taken or are currently enrolled in physics.

This is the third course in the Oceanside High School Project Lead the Way sequence. Principles Of Engineering (POE) is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study. Students have an opportunity to investigate engineering and high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, students are challenged to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. In addition, students have an opportunity to receive transferable credits from the Rochester Institute of Technology (RIT) or other colleges. To qualify for RIT credits students must have an 85% class average and pass the end of the year exam with a stanine score of 6. (Stanine score of 6 is equal a C.) The transferring of these credits to a different college is strictly at the discretion of the college the student attends.

4975 Materials Processing
Credits: 1
Offered: Full year
Grade Level: 10-12
Course Weight: 1.02
Pre-requisite: Preference will be given to students who have completed Introduction to Engineering

This course will combine aspects of engineering with wood and metal and provide students an opportunity to develop skills and knowledge in manufactured materials such as plastic and others. Students will be instructed in the safe and proper use of tools, machines, and the materials commonly used in the manufacturing and construction industries by constructing products with these resources. Students will develop the personal skills and knowledge necessary to form a foundation for further study in a variety of occupational areas and careers. An advanced level of this course may be taken as an independent study with director approval.
WORLD LANGUAGE DEPARTMENT COURSE DESCRIPTIONS

5101 Spanish Portfolio 1P *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: Teacher recommendation

This course is open to students who have not completed their 1 credit LOTE requirement for graduation. This course meets New York State requirements for Checkpoint A through a project-oriented, practical, and hands-on approach to language learning. In lieu of a final exam, students will present a portfolio of the work they accomplished throughout the year. Students who plan to continue should take Level 1, and not Level 1P.

5111 Spanish 1 *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: Teacher recommendation

This is an introductory course that focuses on the development of the four basic language skills (i.e., listening, speaking, reading, and writing) for the purpose of communication. By the completion of this course, students will be able to socialize, provide and obtain information, express personal feelings, and get others to adopt a course of action in the target language. Topics of study include personal identification, house and home, family life, community/neighborhood, physical environment, meal taking/food, health and welfare, earning a living, education, shopping, travel, etc.

5121 Spanish 2 *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: Recommendation of 8th grade Spanish teacher, or successful completion of Spanish 1 at the High School

This course continues to develop communicative skills in the target language and to prepare students for the Comprehensive Regents examination. Through useful and realistic language experiences, students will be able to communicate and express basic needs as well as to provide and obtain information. Oral and written activities require students to integrate and evaluate the language and its cultural concepts. Emphasis on grammatical structure at this level will aid students in expanding and improving their skills in listening, speaking, reading, and writing. Students will take the Level III Comprehensive Exam in Spanish the following year, at the end of level 3.
5131 Spanish 3 *(Course 9th Grade Eligible)*
Credits: 1  
Offered: Full Year  
Grade Level: 9-12  
Course Weight: 1.02  
Pre Req: Successful completion of Spanish 8 with an 80 or higher and/or successful completion of Spanish 2.

In this course, students will continue to develop and refine the communicative skills of levels 1 and 2. This course uses an integrated approach to language learning, from the introduction of new material through reinforcement, evaluation, and review. Its presentations, exercises, and activities are designed to span all four-language skills while developing realistic, up-to-date awareness and understanding of the target language culture. Successful completion of this course and a passing grade on the Level III Comprehensive Exam in Spanish will satisfy the core requirements in LOTE for the Advanced Regents Diploma.

5134 Spanish 3 for Native Speakers *(Course 9th Grade Eligible)*
Credits: 1  
Offered: Full Year  
Grade Level: 9-12  
Course Weight: 1.02  
Pre Req: Teacher Recommendation

This level 3 Spanish course is designed for students who already possess a certain degree of native fluency in Spanish. There will a strong emphasis on grammatically accurate speaking and writing. Students will take the Level III Comprehensive Exam in Spanish in June.

5140 Pre-College Spanish
Credits: 1  
Offered: Full Year  
Grade Level: 10-12  
Course Weight: 1.02  
Pre Req: Successful completion of Spanish 3

This course builds upon the reading, writing, speaking, and listening skills acquired in Spanish 3. Students will continue their study of Spanish vocabulary and grammar for the purpose of clear and effective communication. Cultural topics will be explored. Class participation in Spanish will enable students to improve their linguistic skills. This course will prepare students for College Spanish.

5141 Pre-AP Spanish H
Credits: 1  
Offered: Full Year  
Grade Level: 10-12  
Course Weight: 1.08  
Pre Req: Teacher recommendation.

In this honors course, students will learn how to think critically and creatively in Spanish and will engage in a variety of challenging activities that will prepare them for the rigors of AP Spanish the following year. Extensive class participation, speaking, reading, listening, and writing at an advanced level will enable students to communicate complex ideas in the target language. Successful completion of this course is a pre-requisite for both AP Spanish Language and Culture, and AP Spanish Literature and Culture. Recommendations will be reviewed in June, based on the student’s final average in Level 3.
5151/5152 College Spanish
Credits: .5 per semester
Grade Level: 11-12
Offered: Fall & Spring
Course Weight: 1.10
Pre Req: Successful completion of Pre-College Spanish with a final average of 85+, or successful completion of Pre-AP Spanish, along with teacher recommendation and acceptance by LIU Post. An overall High School GPA of at least 80 is required for acceptance into the program.
This course is not open to grades 9-10.
In this college level Spanish course, given through the LIU Post High School Scholars program, students will deal with relevant, contemporary issues in Spanish. They will learn to rigorously debate, defend, and express their opinions on a variety of meaningful topics. Three college credits per semester will be granted (in addition to high school credit) for a fee if the student earns a grade of C or higher. The transferring of these credits to a different college is strictly at the discretion of the college the student attends. Students must adhere to LIU Post’s registration and application procedures.

5161 AP Spanish Language and Culture
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre Req: Successful completion of Pre-AP Spanish and teacher recommendation.
This college-level course will focus on the intensive expansion of vocabulary and grammatical structures. Students will be expected to demonstrate in-depth application of the four language skills, with emphasis on extensive listening comprehension passages and extemporaneous speaking. Students will be expected to read and respond orally and in writing to a variety of works. The Advanced Placement Exam in Spanish Language and Culture will be administered at the end of the school year and is a course requirement.

5162 AP Spanish Literature and Culture
Credits: 1
Offered: Full Year
Course Weight: 1.10
Grade Level: 12
Pre Req: Teacher recommendation.
This college-level course will focus on the expansion of knowledge of Hispanic literature and literary analysis in Spanish, and is based upon a required reading list. The works on the list are of literary significance and represent various historical periods, literary movements, genres, geographic areas, and population groups within the Spanish-speaking world. The Advanced Placement Exam in Spanish Literature and Culture will be administered at the end of the school year and is a course requirement.
5211 French 1 *(Course 9th Grade Eligible)*
Credits: 1  
Offered: Full Year  
Grade Level: 9-12  
Course Weight: 1.02  
Pre Req: None

This is an introductory course that focuses on the development of the four basic language skills (i.e., listening, speaking, reading, and writing) for the purpose of communication. By the completion of this course, students will be able to socialize, provide and obtain information, express personal feelings, and get others to adopt a course of action in the target language. Topics of study include personal identification, house and home, family life, community/neighborhood, physical environment, meal taking/food, health and welfare, earning a living, education, shopping, travel, etc.

5221 French 2 *(Course 9th Grade Eligible)*
Credits: 1  
Offered: Full Year  
Grade Level: 9-12  
Course Weight: 1.02  
Pre Req: Level 1

This course continues to develop communicative skills in French. Through useful and realistic language experiences, students will be able to communicate and express basic needs as well as to provide and obtain information. Oral and written activities require students to integrate and evaluate the language and its cultural concepts. Emphasis on grammatical structure at this level will aid students in expanding and improving their skills in listening, speaking, reading, and writing. Students will take the Level III Comprehensive Exam in French at the end of the following year, after completing French 3.

5231 French 3
Credits: 1  
Offered: Full Year  
Grade Level: 10-12  
Course Weight: 1.02  
Pre Req: Successful completion of French 2

In this course, students will continue to develop and refine the communicative skills of levels 1 and 2. This course uses an integrated approach to language learning, from the introduction of new material through reinforcement, evaluation, and review. Its presentations, exercises, and activities are designed to span all four-language skills while developing realistic, up-to-date awareness and understanding of the target language culture. Successful completion of this course and a passing grade on the Level III Comprehensive Exam in French will satisfy the core requirements in LOTE for the Advanced Regents diploma.
5240 French 4
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Successful Completion of French 3

This course builds upon the reading, writing, speaking, and listening skills acquired in French 3. Students will continue their study of French vocabulary and grammar for the purpose of clear and effective communication. Cultural topics will be explored. Class participation in Italian will enable students to improve their linguistic skills.

5241 Pre-AP French H
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.08
Pre Req: Teacher recommendation

In this honors course, which is a prerequisite for AP French, students will learn how to think critically and creatively in French and will engage in a variety of challenging activities that will prepare them for the rigors of AP French the following year. Extensive class participation, speaking, reading, listening, and writing at an advanced level will enable students to communicate complex ideas in the target language. Successful completion of this course is a prerequisite for AP French. Recommendations will be reviewed in June, based on the student’s final average in Level 3.

5261 AP French Language and Culture
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.10
Pre Req: Successful completion of Pre-AP French 4 (formerly French 4H) and teacher recommendation.

This college-level course will focus on the intensive expansion of vocabulary and grammatical structures. Students will be expected to demonstrate in-depth application of the four language skills, with emphasis on extensive listening comprehension passages and extemporaneous speaking. Students will be expected to read and respond orally and in writing to a variety of works. The Advanced Placement Exam in French Language and Culture will be administered at the end of the school year and is a course requirement.

5301 Italian Portfolio 1P (Course 9th Grade Eligible)
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: Teacher recommendation

This course is open to students who have not completed their 1 credit LOTE requirement for graduation. This course meets New York State requirements for Checkpoint A through a project-oriented, practical, and hands-on approach to language learning. In lieu of a final exam, students will present a portfolio of the work they accomplished throughout the year. Students who plan to continue should take Level 1, and not Level 1P.
5311 Italian 1 *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: Teacher recommendation

This is an introductory course that focuses on the development of the four basic language skills (i.e., listening, speaking, reading, and writing) for the purpose of communication. By the completion of this course, students will be able to socialize, provide and obtain information, express personal feelings, and get others to adopt a course of action in the target language. Topics of study include personal identification, house and home, family life, community/neighborhood, physical environment, meal taking/food, health and welfare, earning a living, education, shopping, travel, etc.

5321 Italian 2 *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: Level 1

This course continues to develop communicative skills in Italian. Through useful and realistic language experiences, students will be able to communicate and express basic needs as well as to provide and obtain information. Oral and written activities require students to integrate and evaluate the language and its cultural concepts. Emphasis on grammatical structure at this level will aid students in expanding and improving their skills in listening, speaking, reading, and writing. Students will take the Level III Comprehensive Exam in Italian the following year, after completing Italian 3.

5331 Italian 3
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Successful completion of Italian 2

In this course, students will continue to develop and refine the communicative skills of levels 1 and 2. This course uses an integrated approach to language learning, from the introduction of new material through reinforcement, evaluation, and review. Its presentations, exercises, and activities are designed to span all four-language skills while developing realistic, up-to-date awareness and understanding of the target language culture. Successful completion of this course and a passing grade on the Level III Comprehensive Exam in Italian will satisfy the core requirements in LOTE for the Advanced Regents diploma.
5340 Italian 4
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Successful completion of Italian 3

This course builds upon the reading, writing, speaking, and listening skills acquired in Italian 3. Students will continue their study of Italian vocabulary and grammar for the purpose of clear and effective communication. Cultural topics will be explored. Class participation in Italian will enable students to improve their linguistic skills.

5341 Pre-AP Italian H
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.08
Pre Req: Teacher recommendation

In this honors course, which is a prerequisite for AP Italian, students will learn how to think critically and creatively in Italian and will engage in a variety of challenging activities that will prepare them for the rigors of AP Italian the following year. Extensive class participation, speaking, reading, listening, and writing at an advanced level will enable students to communicate complex ideas in the target language. Successful completion of this course is a prerequisite for AP Italian. Recommendations will be reviewed in June, based on the student’s final average in Level 3.

5351 AP Italian Language and Culture
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.10
Pre Req: Successful completion of Pre-AP Italian (formerly Italian 4H) and teacher recommendation

This college-level course will focus on the intensive expansion of vocabulary and grammatical structures. Students will be expected to demonstrate in-depth application of the four language skills, with emphasis on extensive listening comprehension passages and extemporaneous speaking. Students will be expected to read and respond orally and in writing to a variety of works. The Advanced Placement Exam in Italian Language and Culture will be administered at the end of the school year and is a course requirement.

5411 Hebrew 1 (Course 9th Grade Eligible)
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: None

This is an introductory course that focuses on the development of the four basic language skills (i.e., listening, speaking, reading, and writing) for the purpose of communication. Students will gain a working knowledge of Modern Hebrew, its sound system, syntax, and alphabet. A variety of cultural topics, and related discussion, will be an essential component of this course.
5421 Hebrew 2
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Successful completion of Hebrew 1, or equivalent proficiency.

This course continues to develop linguistic skills in Modern Hebrew, with an emphasis on communication. Students will also gain a greater knowledge of the Hebrew sound system, its syntax, and alphabet. A variety of cultural topics, and related discussion, will be an essential component of this course.

5431 Hebrew 3
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Successful completion of Hebrew 2, or equivalent proficiency.

This course continues to build on those reading, writing, speaking, and listening skills acquired in Hebrew 2. Students will expand their ability to communicate in Modern Hebrew. A variety of cultural topics, and related discussion, will be an essential component of this course. Successful completion of this course and a passing grade on a Comprehensive Exam in Hebrew (similar to a Regents exam) will satisfy the core requirements in LOTE for the Advanced Regents diploma.

5441 Hebrew 4 Honors
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.08
Pre Req: Teacher recommendation.

In these honors levels courses, students will continue to improve their skills in Hebrew, and learn how to think critically and creatively in Hebrew. Students will engage in a variety of activities including making oral presentations, writing poetry and timed essays, reading and responding to literature, and viewing films. Extensive class participation in Hebrew will enable students to communicate effectively in the target language.
5451 Hebrew 5 Honors
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.08
Pre Req: Teacher recommendation.

In these honors levels courses, students will continue to improve their skills in Hebrew, and learn how to think critically and creatively in Hebrew. Students will engage in a variety of activities including making oral presentations, writing poetry and timed essays, reading and responding to literature, and viewing films. Extensive class participation in Hebrew will enable students to communicate effectively in the target language.

5511 American Sign Language 1
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

This is an introductory course. American Sign Language is a visual-gestural language, devoid of voice, and it does not have a written form. Visual learners who are able to focus for extended periods of time will experience success in this course. Study of this language will enable students to communicate with deaf people in the context of their culture. As students advance in the development of ASL communication and cross-cultural skills, they will be able to engage in extended communication with native ASL signers on a broad range of topics, and demonstrate an awareness of the variation among groups of deaf culture. Sophomores who have successfully completed level III in another world language receive priority for enrollment in this course.

5521 American Sign Language 2
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: ASL 1

This course focuses on the strengthening of vocabulary, grammar, and fluency in American Sign Language. Students will continue to develop their receptive and expressive skills, as well as deepen their appreciation for, and awareness of, deaf culture. Students will explore careers in which ASL is utilized. Students will work interactively through video, appropriate literature, and cultural references.

5531 American Sign Language 3
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Successful completion of ASL 2

This course emphasizes further development of receptive and expressive vocabulary, grammar, and fluency by using American Sign Language. Students will learn to express themselves in advanced situations, using more sophisticated vocabulary and structure as they prepare for a comprehensive exam. Successful completion of this course and a passing grade on the comprehensive exam will satisfy the core requirements in LOTE for the Advanced Regents diploma.
5611A Introduction to Japanese

Credits: .5
Offered: Full Year Every Other Day
Grade Level: 11-12 (Seniors will have priority)
Course Weight: 1.02
Pre Req: None

This is an introductory course to Japanese language and culture. As of 2018, Japan is the third-largest economy in the world based upon Gross Domestic Product. This class will focus on practical conversational Japanese, and will include an introduction to the writing systems of this language.

5711 Mandarin Chinese 1 (Course 9th Grade Eligible)

Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: Successful completion of, or concurrent enrollment in Level 3 Spanish, Italian, French, Hebrew, or American Sign Language.

This is an introductory course that focuses on the development of the four basic language skills (i.e., listening, speaking, reading, and writing) for the purpose of communication. Students will gain a working knowledge of Mandarin Chinese, its sound system, syntax, and written form. Cultural topics pertaining to the Chinese speaking world will be discussed.

5721 Mandarin Chinese 2 (Course 9th Grade Eligible)

Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: Successful completion of Mandarin Chinese 1.

This course continues to develop linguistic skills in Mandarin Chinese, with an emphasis on communication. Students will also gain a greater knowledge of the Mandarin Chinese sound system, its syntax, and written form. Cultural topics pertaining to the Chinese speaking world will be discussed.

5731 Mandarin Chinese 3

Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Successful completion of Mandarin Chinese 2

This course continues to develop linguistic skills in Mandarin Chinese, with an emphasis on communication. Students will also gain a greater knowledge of the Mandarin Chinese sound system, its syntax, and written form. Speaking cues will be utilized to help students gain greater conversational ability. Cultural topics pertaining to the Chinese speaking world will be discussed.
5742 Pre-AP Mandarin Chinese H
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.08
Pre Req: Teacher recommendation

This course builds upon the reading, writing, speaking and listening skills acquired in Mandarin Chinese 3. Students will continue their study of characters/vocabulary and grammar for the purpose of clear and effective communication. Cultural topics will be explored. Class participation in Mandarin will enable students to improve their linguistic skills.

5750 AP Chinese Language and Culture
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre Req: Successful completion of Mandarin Chinese 4 and teacher recommendation

This college-level course will develop the students' interpersonal, interpretive, and presentational communication skills in Mandarin Chinese, as well as their knowledge of Chinese culture. The Advanced Placement Exam in Chinese Language and Culture will be administered at the end of the school year and is a course requirement.
ENGLISH AS A SECOND LANGUAGE DEPARTMENT COURSE DESCRIPTIONS

5901 ENL Study Skills *(Course 9th Grade Eligible)*
Credits: 1
Grade Level: LEP/ELL students
Offered: Full Year
Pre Req: None

This course provides content area academic support with an emphasis on reading and writing skills. It provides students with additional opportunities in vocabulary acquisition, reading comprehension, and the writing process.

5903 ENL Workshop for Advanced/Commanding/English Language Learners *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: LEP/ELL students
Course Weight: 1.02
Pre Req: None

This class is designed for advanced English Language Learners who have a solid foundation in English. Students will gain greater control over English vocabulary and syntax through reading, writing, listening and speaking at an advanced level. Cultural awareness and understanding will be expanded. Advanced students will take the NYSESLAT exam in the spring.

5911 ENL for Beginning/Entering English Language Learners *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: LEP/ELL students 9 & 10
Course Weight: 1.02
Pre Req: None

This introductory course is designed to provide ELLs with the foundation necessary for the growth and development of linguistic and communicative skills in English, as well as their knowledge of culture. Students will take the NYSESLAT exam in the spring.

5912 ENL for Beginning/Entering English Language Learners
Credits: 1
Offered: Full Year
Grade Level: LEP/ELL students
Course Weight: 1.02 11 & 12
Pre Req: None

This introductory course is designed to provide ELLs with the foundation necessary for the growth and development of linguistic and communicative skills in English, as well as their knowledge of culture. Students will take the NYSESLAT exam in the spring.
5921 ENL for Intermediate/Emerging & Transitioning English Language Learners *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: LEP/ELL students 9 & 10
Course Weight: 1.02

This course is designed to provide students in the intermediate stages of English language development with the tools necessary to increase their communicative competency through a variety of teaching modalities. Students will take the NYSESLAT exam in the spring.

5922 ENL for Intermediate/Emerging & Transitioning English Language Learners
Credits: 1
Offered: Full Year
Grade Level: LEP/ELL students 11 & 12
Course Weight: 1.02

This course is designed to provide students in the intermediate stages of English language development with the tools necessary to increase their communicative competency through a variety of teaching modalities. Students will take the NYSESLAT exam in the spring.

5931 ENL Math *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: LEP/ELL students
Course Weight: 1.02

The course will provide a foundation in pre-algebra and beginning algebra concepts. It is designed with the specific needs of LEP students in mind.

5993 ENL Algebra *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req:

This course is designed with the specific needs of English Language Learners in mind, and is a one-year course in which students will have an opportunity to master the basic skills of elementary algebra. Students will solve practical problems and further their experiences with communicating mathematical ideas. Some of the topics that are covered in this course include: solving linear and quadratic equations, numerical and graphical solutions to equations and problems, adding, subtracting, and multiplying polynomials, factoring, completing the square, and other mindful algebraic calculations. Students will be prepared to take the Algebra 1 Regents exam in June.
59911 ENL ELA 9/10 *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9-10
Course Weight: 1.02
Pre Req: none

This English Language Arts course is designed with the needs of the English Language Learner in mind. Utilizing ENL strategies, it provides the students with an exploration of literature, informational texts, films, and artwork in order to help students better understand themes and related concepts. The course includes activities that will strengthen students’ reading, writing, speaking, and listening skills from an ENL perspective.

59912 ENL ELA 11/12
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: none

This English Language Arts course is designed with the needs of the English Language Learner in mind. Utilizing ENL strategies, it provides the students with an exploration of literature, informational texts, films, and artwork in order to help students better understand themes and related concepts. The course includes activities that will strengthen students’ reading, writing, speaking, and listening skills from an ENL perspective.

59921 ENL Global Studies *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: LEP/ELL students
Course Weight: 1.02
Pre Req: None

This is a beginning/intermediate level language course which develops English language skills through Global Studies. It provides additional support in vocabulary acquisition, grammatical structures, reading comprehension, and the writing process. Global studies content will be emphasized.

59922 ENL U.S. History
Credits: 1
Offered: Full Year
Grade Level: LEP/ELL students
Course Weight: 1.02
Pre Req: None

This is a beginning/intermediate level language course which develops English language skills through U.S. History. It provides additional support in vocabulary acquisition, grammatical structures, reading comprehension, and the writing process. U.S. History content will be emphasized.
59941 ENL Living Environment *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: LEP/ELL students
Course Weight: 1.02
Pre Req: None

This course will mirror the regular Living Environment Regents course, with additional support for English Language Learners. This course is accompanied by a lab, which meets every other day. Students are required by NYS to complete a minimum number of lab activities to be eligible to sit for the Regents exam.
BUSINESS DEPARTMENT COURSE DESCRIPTIONS

6131 College Computer Applications
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.10
Pre Req: None

This course explores the most useful features of Microsoft Office and Google Applications in an effort to help students learn how to save time and money. Students are taught the basics of each application so they are able to create business and personal letters, spreadsheets that include formulas functions, pivot tables for sorting, mailing lists, labels, flyers, invitations, and professional presentations in a collaborative environment. Credits offered through SUNY Farmingdale. This course is part of the Small Business Management Program of Study*. The transferring of these credits to a different college is strictly at the discretion of the college the student attends.

6151 Marketing and Merchandising
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

This course helps students identify target markets in the merchandising world. We talk about developing promotional strategies that encourage that targeted audience to buy a product. As compared to fashion marketing, merchandising deals with a broader band of the fashion industry. Students will create a virtual Fashion business of their choice.

6239 College Money & Investments
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.10
Pre Req: None

This class provides students with the knowledge and skills to become financially literate and to make responsible decisions related to spending, saving, and investing. Financial topics such as banking, investments, insurance, taxes, and credit will be taught. Students will research financial institutions and their services, including bank accounts, credit cards, and mortgages. They will also learn the implications of credit scores and how to maintain a positive credit history. Investments such as stocks, bonds, mutual funds, and real estate, as well as saving for retirement, will be covered. Students will research, create, and track a portfolio of Investments and will participate in stock competitions such as the stock market game. Students will also learn basic economic principles and how to budget in order to become financially independent. This course will help students become confident and their financial decisions now and for years to come. Credits offered through SUNY Farmingdale. The transferring of these credits to a different college is strictly at the discretion of the college the student attends.
6240 Sports and Entertainment Marketing
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

Does a particular movie star, baseball/football player or music artist intrigue you? This course is designed to provide an insight into the decision making process in the areas of sports and entertainment marketing. The students will learn how to create a marketing image for entertainment personalities by identifying and analyzing the marketing strategies used for current stars in the areas of sports, music, movies and other forms of entertainment. Topics that will be explored are: economic choices made by popular sports and entertainment personalities, professional and college sports marketing, contracts, endorsements, promotions, etc. Guest speakers and field trips will be arranged. Additionally, students will learn concepts which will be helpful if the students compete in the Sports and Entertainment area of DECA competitive events.

6241 College Principles of Marketing/Advertising
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.1
Pre Req: None

This course fosters in students the skill set to develop a global marketing strategy for a new product based on research of demographics and psychographics. Students will conduct market research to help make informed decisions for marketing products and services. They will learn about the latest business trends and how to respond quickly and effectively to change in global markets. Credits offered through SUNY Farmingdale. This course is part of the Small Business Management Program of Study*. The transferring of these credits to a different college is strictly at the discretion of the college the student attends.

6251 Business Ownership & Entrepreneurship
Credits: 0.5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

Are you interested in using your on-line abilities to start your own business? What about learning how to design and develop a business plan to help you on your road to success? This course is designed to provide students interested in business with the opportunity to discover what it takes to get started in a business venture. Students will work together to form virtual businesses – doing everything from researching start-up costs to promoting their products and services. E-Commerce will be utilized to help students contact business professionals, create Power Point presentations, create their own businesses, web pages, design business cards, logos, letterheads and write their business plans. Students will be expected to read about and research a variety of topics, relevant to business operations. Upon completing this course, students will have a solid foundation in the basics of entrepreneurship and career exploration. Field trips will be taken. Students enrolled in this course are encouraged to join DECA. Students will learn concepts in this course which will be helpful in DECA competitive events.
6252 Virtual Enterprise
Credits: 1.5
Offered: Full Year with every other day extension period.
Grade Level: 11-12
Course Weight: 1.10
Pre-requisite: Application process that requires at least 1 credit of business education and a recommendation from a business teacher

The Virtual Enterprise (VE) is a simulated business environment. The VE employees will be involved in actual "on-the-job" work experiences, including purchasing, sales, marketing, accounting, personnel, etc. The only difference between the VE and an actual business is that no material goods are produced or legal tender exchanged. The VE will generate the documents and information needed to do business with other VEs around the country and abroad.

You will work in one or more of the departments in the VE organization. In your department, you will be expected to work individually and as a member of a team to fulfill the responsibilities and tasks associated with your department. You will develop initiative, creativity, and responsibility, enhance oral and written communication skills, and improve your ability to work on a team.

The VE experience will weave together several academic disciplines and occupational subjects, thereby overcoming fragmentation of subjects. By working in the VE, you will better understand how your learning has application and relevance to real life. The goal is to create a learning environment that, through a series of activities, integrates school and workplace to enhance learning. In effect, the VE will drive the learning, the applications and the educational experiences and opportunities. Through your experiences in the VE, you will come to see that there exists an important connection between all disciplines and that what you learn relevant to your future.

This is a one-year course, 1.5 periods, in which you will be eligible to receive up to 9 college credits from Farmingdale State College.

The final exam is provided by NOCTI. This test is also required to complete our Small Business Management Program of Study*. Students that pass this exam with a 70% or better are eligible for an additional 3 college credits through NOCTI. Potentially, students can receive 12 college credits through Virtual Enterprises. The transferring of these credits to a different college is strictly at the discretion of the college the student attends.

6271 College Accounting I
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.10
Pre Req: None

Students taking College Accounting I will study of the application of basic accounting principles as they are used in the general accounting cycle, including journal entries, ledgers, trial balances and financial statements. Other topics include the proper recording of: revenue and related costs for service, manufacturing, and merchandising companies, cash, receivables, inventories, fixed and intangible assets, current liabilities, including payroll, long-term debt and equity. This course is eligible for college credit through Farmingdale State College and is part of the Small Business Management Program of Study*. The transferring of these credits to a different college is strictly at the discretion of the college the student attends.
6272 College Accounting 2
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre Req: College Accounting 1

This course continues the development of the principles and concepts introduced in Accounting I. The following topics are included: emphasis on further understanding of generally accepted accounting principles; plant assets; intangible assets; determination of depreciation, depletion and amortization; accounting for partnerships, limited liability companies and corporations; long term liabilities; investments in bonds and stock; statement of cash flows; introduction to managerial and process cost accounting, budgeting and standard cost systems. This course is eligible for college credit through Farmingdale State College. The transferring of these credits to a different college is strictly at the discretion of the college the student attends.

6281 College Business Law and Society
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre Req: None

This course helps students understand crimes, torts, contract law, law agencies, partnerships, and limited liability companies and corporations. The course also offers a variety of other legal topics, such as how the law applies to communications, international business, employment, sports, social norms in the business community, case discussions and role-play simulations to help put legal theory into practice. Judge Scott Fairgrieve, a Nassau County District Judge teaches monthly classes to students which allows students to see first-hand the inner workings of the court, and legal system. Credits offered through LIU Post. The transferring of these credits to a different college is strictly at the discretion of the college the student attends.

6311 DECA 1: Introduction to Business (Course 9th Grade Eligible)
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: None

Business becomes a reality when a student is enrolled in DECA. Students develop business and leadership skills that will give them a head start towards a business major in post-secondary education and a career in the area of marketing and management. The course is designed to provide students with strategies necessary to communicate successfully both orally and in writing in the corporate business world. Students will learn how to do research, analyze information, and compose documents and present information in a professional manner. Additionally, there will be outside of class experiences and community service projects. By being a part of DECA, the student will learn how to interact with business leaders and network their way into a future of business. Students, who are enrolled in this class as well as after their successful completion of this course, will have the opportunity to enter into DECA competitions and/or run for officer positions in the DECA state/national organization, by joining the DECA club which will have scheduled meetings before/after the school day.
6321A DECA 2 Leadership/Business presentations
Credits: 1
Offered: Full Year Every Other Day
Grade Level: 10-12
Course Weight: 1.02
Pre Req: DECA 1 Leadership

Designed to provide students with strategies necessary to communicate successfully in the corporate/business world. Students will learn to analyze information, compose documents, and develop concepts and ideas and present information to others in a professional manner. This course will include additional outside of class experiences and community service projects. All students are required to complete an in-depth market research report. Students will attend class every other day. To meet course requirements, on alternate days students will be expected to do independent research on their specific projects.

6401 Career Planning: A Roadmap to Success
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: None

This course provides career awareness and knowledge of opportunities available within different career paths. Guest speakers are brought in to model successful workplace behaviors and provide interaction with adults. Students are taught workplace skills necessary to compete successfully in today’s job market while given the opportunity to demonstrate effective communication and interpersonal skills at a professional level. This class builds students’ confidence in transitioning from secondary to post-secondary educational settings. Additionally, this course incorporates different trips throughout the year to expose students to different career opportunities and work on both their hard and soft skills needed to be successful.

6402 The Art of Work: Skills for the 21st Century
Credits: 0.5 – 2.0
Offered: Full Year Every Other Day
Grade Level: 12
Course Weight: 1.02
Pre Req: Career Planning: A Roadmap to Success

This is a work-based learning course for students in their senior year. This course provides opportunities for students to apply their skills in real-world work settings, affording them the opportunity to experience the interdisciplinary nature of the world of work. This course meets on an every other day schedule with an expectation that students will earn a minimum of 55 hours of supervised internship experiences. Many internships offer the opportunity to be paid.

Students can earn additional elective credits if the following benchmarks are met:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Hours</th>
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<tbody>
<tr>
<td>0.5</td>
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</tr>
<tr>
<td>2.0</td>
<td>600</td>
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</tbody>
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These supervised work experiences are supported by classroom related instruction.
*The Small Business Management Program of Study is a state approved pathway that provides students with an additional endorsement on their high school diploma provided they complete a specific sequence of courses and pass the NOCTI exam provided in Virtual Enterprises. Our program of study consists of the following courses:

• College Accounting I
• College Principles of Marketing
• College Computer Applications
• Virtual Enterprises
FAMILY AND CONSUMER SCIENCES DEPARTMENT COURSE DESCRIPTIONS

6611 Culinary Arts
Credits: .5
Offered: Fall & Spring
Grade Level: 10 – 12, or with chair approval
Course Weight: 1.02
Pre Req: None

Students will learn the basic skills in food preparation through hands-on experience with the latest equipment. They will acquire a thorough knowledge of food preparation skills and techniques while planning nutritious food products. Topics covered include safety and sanitation, quick breads, vegetables, cookie decorating, poultry, and eggs and dairy.

6612 Advanced Culinary Arts
Credits: .5
Offered: Spring
Grade Level: 10 – 12, or with chair approval
Course Weight: 1.02
Pre Req: Culinary Arts

This course builds on the concepts learned in Culinary Arts. Students will prepare products that require prior experience with methods, terms and techniques. Topics covered include yeast breads, pasta, meats and seafood, cupcake and cake decorating, and fruits.

6613 Bake Shop
Credits: .5
Offered: Spring
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Culinary Arts and Advanced Culinary Arts

This advanced-level food production course includes an in-depth exploration of baked goods including cookies, cakes, pies, desserts, breads, and more. Students will work both independently and in groups to craft simple and complex recipes and show worthy pieces. They will also support the use of alternative ingredients in baking. The course will challenge students to use 21st century workforce and life skills including problem solving, collaboration, and proactive time management.

6621 Fashion & Clothing 1
Credits: .5
Offered: Fall
Grade Level: 10 – 12, or with chair approval
Course Weight: 1.02
Pre Req: None

This course is an introduction to fashion and clothing construction skills where students will enjoy using their creativity to make accessories and garments for both community donation and for themselves. Students will learn the basics of garment construction through technique based projects. Students will also explore fabric construction and classification with a focus on use and care.
6622 Fashion & Clothing 2
Credits: .5
Offered: Spring
Grade Level: 10 – 12, or with chair approval
Course Weight: 1.02
Pre Req: Fashion & Clothing 1

Students will work with a variety of fabrics and equipment, learning advanced clothing construction techniques for creating high quality garments and accessories. An advanced level of this course may be taken as an independent study with director approval.

6631 Interior and Home Design
Credits: .5
Offered: Fall & Spring
Grade Level: 10 – 12, or with chair approval
Course Weight: 1.02
Pre Req: None

Through hands on experience, students will learn the elements and principles of design as they relate to architecture and interior decorating. Students will evaluate household equipment, learn about organization and management, and study housing decisions based on family needs. Units on color, furniture styles, room arrangements, floor plans, wall, window and floor treatments will be included. Careers related to interior and architectural design will be explored.

6641 Culture & Foods
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Culinary Arts and Culinary Arts

Students will develop an appreciation of diverse cultures and cuisine within our multi-cultural society. Using an interdisciplinary approach, the influences of geography, religion, political structure, history and customs will be explored. Students will research and prepare recipes from selected countries while developing their culinary skills.

6642 Food & Fitness
Credits: .5
Offered: Fall & Spring (or Full Year Alternate Day)
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

Students will learn about foods and how they relate to the concepts of nutrition, diet and good health. The course will explore nutrition for athletes, vegetarianism, weight control, fad diets, superfood, stress and eating, processed foods and additives, etc. The connection between health and fitness and the impact of food selection are studied. Careers related to food/nutrition will be explored.
6651 Human Development & Personal Psychology
Credits: .5
Offered: Fall & Spring (or Full Year Alternate Day)
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

This lifespan studies core Family and Consumer Sciences course will introduce students to human growth and development over the lifespan. Students will explore brain development, prenatal, child, adolescent, adult and elder development as well as the relationships and challenges that often surface between these various stages. Topics will be discussed through current events and an emphasis will be placed on future career opportunities relating to these areas of study.

6711 Child Development
Credits: .5
Offered: Fall
Grade Level: 11-12
Course Weight: 1.02
Pre-requisite: None

This course provides students with a knowledge base and practical experience in child development from prenatal through pre-adolescence for application to his or her present role as a family member, as a future parent, and/or in a career. Within the parenthood unit, students will have hands-on experience with a baby simulator teaching tool. Course includes in class interaction with children and childcare specialists as well as off-site field trips to local childcare facilities.

6721 Early Childhood Education
Credits: .5
Offered: Spring
Grade Level: 11-12
Course Weight: 1.02
Pre-requisite: Child Development

This course will build on foundational knowledge about child development as applied to a hands-on learning experience. As a major component of the course students will participate in an on-site experience with children in preschool through 2nd grade. Students will conference with their high school teacher to discuss progress and plan individual projects and lessons for the early childhood education classroom. Course offers students an opportunity to participate in a full day field trip at their early childhood placement during the semester.
6731 Introduction to Elementary Education
Credits: 0.5
Offered: Fall
Grade Level: 12
Course Weight: 1.02
Pre-requisite: Child Development and Early Childhood Education

This is a special interest course working with elementary school children, grades 1-6. Students will participate on-site in an elementary school four days a week for one period. Students will also conference once a week with their OHS teacher to research and plan projects, activities and lessons for the elementary school classroom. Students will create a Teaching Portfolio, which will include activities, bulletin board displays, among other pieces of evidence done at the elementary schools. This course offers students an opportunity to participate in a full day field trip at their elementary school placement during the semester.

6741 Advanced Elementary Education
Credits: 0.5
Offered: Spring
Grade Level: 12
Course Weight: 1.02
Pre-requisite: Child Development, Early Childhood Education and Elementary Education

This is a culminating advanced level course in which students will create formal lesson plans, explore educational technology and the importance of differentiated instruction. Students will continue to participate on-site in an elementary classroom four days a week. Students will develop a final project wherein two Advanced Elementary Education students will team-teach in a grade level elementary education classroom. Students will create a Teaching Portfolio, which will include activities, bulletin board displays, among other pieces of evidence done at the elementary schools. This course offers students an opportunity to participate in a full day field trip during the semester.

6801 ACE Family & Consumer Sciences Level
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: CSE Recommendation

Students will learn the basic skills in food preparation through hands-on experience with the latest equipment. They will acquire a thorough knowledge of food preparation skills and techniques while planning nutritious food products. Emphasis will be placed on consumer education, nutritional information, and careers in the food service industry. The curriculum will be modified to meet the individual needs of the students.
6802 ACE Family & Consumer Sciences Level 2
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Basic Family & Consumer Sciences, CSE Recommendation

Students will apply skills and knowledge learned in Basic Family & Consumer Sciences in individualized settings and practical settings to develop adaptive living skills in several areas and settings. Units will include nutrition, food preparation, doing laundry, cleaning and maintaining personal living space, and making appropriate decisions. The curriculum will be individualized to meet the specific needs of the students.
MUSIC DEPARTMENT COURSE DESCRIPTIONS

7111 Music Technology/Composition *(Course 9th Grade Eligible)*
Credits: 1  
Offered: Full Year  
Grade Level: 9-12  
Course Weight: 1.02  
Pre Req: None

This course includes experiences in composition, music fundamentals, “hands-on” projects, using the computer music lab, music keyboards; as well as Finale and Apple software. In addition, this course meets the state education requirements for one unit of credit in art and/or music.

7121 Music Theory
Credits: 1  
Offered: Full Year  
Grade Level: 10-12  
Course Weight: 1.02  
Pre Req: None

This course has been designed to develop a student's skills in music fundamentals, music notation, melodic dictation, harmony, composition and rhythmic dictation, using the computer music lab that utilizes Finale software and music keyboards at each station.

7122 Advanced Music Theory
Credits: 1  
Offered: Full Year  
Grade Level: 10-12  
Course Weight: 1.02  
Pre Req: Music Theory

This course has been designed to further develop a student's theory skills in music fundamentals, music notation, melodic dictation, harmony, composition and rhythmic dictation, using the computer music lab that utilizes Finale software and music keyboards at each station.

7124 AP Music Theory
Credits: 1  
Offered: Full Year  
Grade Level: 11-12  
Course Weight: 1.10  
Pre Req: Successful completion of Music Theory I & II and/or Department recommendation

Students will study music composition, structure and style components. In addition, this course will cover the use and integration of melodic, harmonic, textural, rhythmic, historical and stylistic aspects of music. The ultimate goal is to prepare students to recognize, understand and accurately describe the basic components heard or presented in a musical score, using the new computer music lab that utilizes Finale software and music keyboards at each station. Upon the conclusion of this course, students will have successfully covered the curriculum and are required to take the AP Music Theory exam.
7131 String Ensemble *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9
Course Weight: 1.02
Pre Req: Prior performance experience on the 8th grade level at the middle school in the area of anticipated enrollment and/or teacher recommendation prior to placement (and/or auditions of new entrants) is required. Also, the instrument a student will perform on will be based on the current needs of the group with respect to class size and the balance of parts. Furthermore, placement in this group in determined by the department faculty.

The string program at the high school consists of three performance areas. All students will be placed in either the *String Ensemble, *Concert Orchestra, or *Symphonic Orchestra. All of these performing groups require attendance at lessons/sectionals and all scheduled concerts, events and rehearsals outside the school day. String Ensemble is an organization consisting of student musicians starting in grade 9 who will rehearse and perform music of a moderate level of difficulty. This course has been designed to prepare students for participation in either Concert or Symphonic Orchestra. In addition, only those students registered for this course for are eligible for string participation at NYSSMA, recommendations, selection and participation in co-curricular school music organizations or the All-County, All-State and Long Island String Festivals.

7132 Band Ensemble *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9
Course Weight: 1.02
Pre Req: Prior performance experience on the 8th grade level at the middle school in the area of anticipated enrollment and/or teacher recommendation prior to placement (and/or auditions of new entrants) is required. Also, the instrument a student will perform on will be based on the current needs of the group with respect to class size and the balance of parts. Furthermore, student placement in this group in determined by the department faculty.

The band program at the high school consists of three performance areas. All students will be placed in either the *Band Ensemble, *Concert Band or *Symphonic Band based upon teacher recommendation prior to placement. All of these performing groups require attendance at lessons/sectionals and all scheduled concerts, events, and rehearsals outside the school day. The Band Ensemble is an organization consisting of student musicians starting in grade 9 who will rehearse and perform music of a moderate level of difficulty. This course has been designed to prepare students for participation in either Concert or Symphonic Band. In addition, only those students registered for this course are eligible for band instrumental participation at NYSSMA, recommendations, selection and participation in co-curricular school music organizations or the All-County Music Festival, New York State Honors Band and All-State Bands/Orchestras/Jazz Bands.

7133 Vocal Ensemble *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9
Course Weight: 1.02
Pre Req: Prior performance experience on the 8th grade level at the middle school in the area of anticipated enrollment and/or teacher recommendation prior to placement (and/or auditions of new entrants) is required. Also, the vocal part a student will perform on will be based on the current needs of the group with respect to class size and the balance of parts. Furthermore, student placement in this group in determined by the department faculty.

The vocal program at the high school consists of three performance areas. All students will be placed in either the *Vocal Ensemble, *Concert Chorus, or *Symphonic Chorus based upon teacher recommendation prior to placement. All of these performing groups require attendance at lessons/sectionals and all scheduled concerts, events, and rehearsals outside the school day. The Vocal Ensemble is an organization consisting of student
musicians starting in grade 9 who will rehearse and perform music of a moderate level of difficulty. This course has been designed to prepare students for participation in either Concert or Symphonic Choir. In addition, only those students registered for this course are eligible for vocal participation at NYSSMA, recommendations, selection, and participation in co-curricular school music organizations or the All-County and All-State Choruses.

7141 Concert Orchestra
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Prior performance experience on the 8th grade level at the middle school or high school level in the area of anticipated enrollment and/or teacher recommendation prior to placement (and/or auditions of new entrants) is required. Also, the instrument a student will perform on will be based on the current needs of the group with respect to class size and the balance of parts. Furthermore, student placement in this group is determined by the department faculty.

The string program at the high school consists of three performance areas. All students will be placed in either the *String Ensemble, *Concert Orchestra, or *Symphonic Orchestra. All of these performing groups' attendance at lessons/sectionals and all scheduled concerts, events and rehearsals outside the school day. Concert Orchestra is an organization made up of student musicians who will perform music of a moderate to intermediate level of difficulty. This course has been designed to prepare students for continued participation in either Concert or Symphonic Orchestra. In addition, only those students registered for this course are eligible for string participation at NYSSMA, recommendations, selection and participation in co-curricular school music organizations or the All-County, All-State and Long Island String Festivals.

7142 Concert Band
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Prior performance experience on the 8th grade level at the middle school or high school level in the area of anticipated enrollment and/or teacher recommendation prior to placement (and/or auditions of new entrants) is required. Also, the instrument a student will perform on will be based on the current needs of the group with respect to class size and the balance of parts. Furthermore, student placement in this group is determined by the department faculty.

The band program at the high school consists of three performance areas. All students will be placed in either the *Band Ensemble, *Concert Band or *Symphonic Band based upon teacher recommendation prior to placement. All of these performing groups require attendance at lessons/sectionals and all scheduled concerts, events, and rehearsals outside the school day. The Concert Band is an organization made up of student musicians who will perform music of a moderate to intermediate level of difficulty. This course has been designed to prepare students for continued participation in Concert or Symphonic Band. In addition, only those students registered for this course are eligible for band instrumental participation at NYSSMA, recommendations, selection and participation in co-curricular school music organizations or the All-County Music Festival, New York State Honors Band and All-State Bands/Orchestras/Jazz Bands.
7143 Concert Chorus
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Prior performance experience on the 8th grade level at the middle school or high school level in the area of anticipated enrollment and/or teacher recommendation prior to placement (and/or auditions of new entrants) is required. Also, the vocal part a student will perform on will be based on the current needs of the group with respect to class size and the balance of parts. Furthermore, student placement in this group in determined by the department faculty.

The vocal program at the high school consists of three performance areas. All students will be placed in either the *Vocal Ensemble, *Concert Chorus, or *Symphonic Chorus based upon teacher recommendation prior to placement. All of these performing groups require attendance at lessons/sectionals and all scheduled concerts, events, and rehearsals outside the school day. The Concert Chorus is an organization consisting of student musicians who will perform music of a moderate to intermediate level of difficulty. This course has been designed to prepare students for continued participation in Concert or Symphonic Choir. In addition, only those students registered for this course are eligible for vocal participation at NYSSMA, recommendations, selection, and participation in co-curricular school music organizations or the All-County and All-State Choruses.

7151 Symphonic Orchestra
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Prior performance experience on the 8th grade level at the middle school or high school level in the area of anticipated enrollment and/or teacher recommendation prior to placement (and/or auditions of new entrants) is required. Also, the instrument a student will perform on will be based on the current needs of the group with respect to class size and the balance of parts. Furthermore, student placement in this group in determined by the department faculty.

The string program at the high school consists of three performance areas. All students will be placed in either the *String Ensemble, *Concert Orchestra, or *Symphonic Orchestra. All of these performing groups require attendance at lessons/sectionals and all scheduled concerts, events and rehearsals outside the school day. Symphonic Orchestra is a select group of advanced student musicians who perform at the highest level of achievement. Students may qualify for this group only by recommendation. In addition, only those students registered for this course are eligible for string participation at NYSSMA, recommendations, selection and participation in co-curricular school music organizations or the All-County, All-State and Long Island String Festivals.

7152 Symphonic Band
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Prior performance experience on the 8th grade level at the middle school or high school level in the area of anticipated enrollment and/or teacher recommendation prior to placement (and/or auditions of new entrants) is required. Also, the instrument a student will perform on will be based on the current needs of the group with respect to class size and the balance of parts. Furthermore, student placement in this group in determined by the department faculty.

The band program at the high school consists of three performance areas. All students will be placed in either the *Band Ensemble, *Concert Band or *Symphonic Band based upon teacher recommendation prior to placement. All of these performing groups require attendance at lessons/sectionals and all scheduled concerts, events, and
rehearsals outside the school day. The Symphonic Band is a select group of advanced student musicians who
perform at the highest level of achievement. Students may qualify for this group only by recommendation. In
addition, only those students registered for this course are eligible for band instrumental participation at NYSSMA,
recommendations, selection and participation in co-curricular school music organizations or the All-County Music
Festival, New York State Honors Band and All-State Bands/Orchestras/Jazz Bands.

7153 Symphonic Choir
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Prior performance experience on the 8th grade level at the middle school or high school level in the area of
anticipated enrollment and/or teacher recommendation prior to placement (and/or auditions of new entrants) is
required. Also, the instrument a student will perform on will be based on the current needs of the group with respect
to class size and the balance of parts. Furthermore, student placement in this group is determined by the department
faculty.

The vocal program at the high school consists of three performance areas. All students will be placed in either the
*Vocal Ensemble, *Concert Chorus, or *Symphonic Chorus based upon teacher recommendation prior to
placement. All of these performing groups require attendance at lessons/sectionals and all scheduled concerts,
events, and rehearsals outside the school day. The Symphonic Choir is a select group of advanced musicians who
perform at the highest level of achievement. Students may qualify for this group only by recommendation. In
addition, only those students registered for this course are eligible for vocal participation at NYSSMA,
recommendations, selection, and participation in co-curricular school music organizations or the All-County and
All-State Choruses.

7171 Marching Band *(Course 9th Grade Eligible)*
Credits: .5
Offered: Fall
Grade Level: 9-12
Course Weight: 1.02
Pre Req: In order to perform on an instrument in the marching band course, a student must be enrolled in either
*Band Ensemble, *Concert Band or *Symphonic Band at the high school and eligible to be a high school
instrumentalist by previously performing with the 8th grade middle school band program (or audition of a new
district entrant). Also, the instrument a student will perform on will be based on the current needs of the group
with respect to group size and the balance of parts. Participation in marching band color guard is open to any
student in grade 9-12, but participants must audition for placement within this section of the band.

This program meets and rehearses several days a week during school day, as well as after school and Saturdays
during the fall season. In order to participate, each student is required to maintain their status as a full time curricular
band member (in one of our 3 groups), attend one week of summer band camp in late August (dates to be
announced), sectionals, home football games, parades and all scheduled competitions and rehearsals.

7199 Independent Study
Credits: 1 or .5
Offered: Fall & Spring
Grade Level: 12
Course Weight: 1.02
Pre Req: Recommendation of the Director of Fine Arts and one staff member who must elect to serve as the
cooperating teacher.
Independent study is designed to address the needs of a serious music student in excellent department standing, who has successfully completed and earned credit in all of the Oceanside courses that pertain to the area of concentration that he or she is seeking in the independent study (e.g. music theory and their respective performing music organization). Using an independent study proposal, the applicant must submit an application form to the Director, indicating a synopsis of the study, an outline of all of the projects to be developed and completed, coupled with an indication of his or her schedule availability. Then, once a cooperating teacher has volunteered and an appropriate free period can be arranged between the two parties, an independent study proposal will be approved. When the work has been submitted and approved, the mutually agreed upon credit will be granted.

7911 Elements of Acting [Course 9th Grade Eligible]
Credits: .5
Offered: Fall & Spring
Grade Level: 9-12
Course Weight: 1.02
Pre Req: None

This introductory course in the elements of acting allows the amateur and would-be actor/actress the chance to explore and to stretch his/her talents in this area and to learn what is involved in the acting craft. Stress will be placed on voice, diction, characterization, improvisation and monologue acting. All class readings will be taken from monologues and scenes to be enacted. Even if you never become a professional actor or actress, this course will help build your confidence and insights into the human condition. In addition, this course meets the one-half of the state education requirements for one unit of credit in art and/or music.

7912 Advanced Elements of Acting [Course 9th Grade Eligible]
Credits: .5
Offered: Fall & Spring (or Full Year Alternate Day)
Grade Level: 9-12
Course Weight: 1.02
Pre Req: Elements of Acting

This course explores the performing aspects of in-depth theatre, including self-analysis and sensitivity development as they relate to characterization. Further aspects include intermediate pantomime, dance, vocal development and oral interpretation of the drama, character analysis, memorization, scene study, as well as imagination, concentration, emotional recall, and sense-memory. Emphasis will be placed upon honesty, improvisational techniques, communication, risk-taking and relaxation in developing characters and scenes. Several monologues, dialogues and soliloquies will be presented. Talent is not the essential ingredient for this course. Rather, it is the willingness to take risks, the desire to explore the human condition and the wish to learn. In addition, this course meets one-half of the state education requirements for one unit of credit in art and/or music.
7913 In-Depth Theatre
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Elements of Acting

This class will focus greatly on mastering acting through audition technique. Be it for college auditions or for a professional setting, students will build their repertoire in comedy, drama, and musical theatre. Students will also work on improvisation, pantomime, and creating their own performance pieces, as it relates to audition technique. Students will have the opportunity to discuss different college programs and their futures as it relates to the arts. Students will also explore how to create their own opportunities through playwriting and improvisational pieces. Through analyzing famous works and different styles of acting, students will develop a greater sense of characterization as it relates to both acting and playwriting.
7914 Scene Study
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Elements of Acting

In this class students will get the opportunity to develop their skills as a director and playwright. Students will explore the origins of theatre creation and discuss how it impacts the work of today. With this knowledge, students can learn elements of directing and how to create clear stage pictures. While continuing to work on scene study, students will work collaboratively to create their own works of performance art. Inspiring playwrights will also get the opportunity to see their work from conception to execution. This class will culminate with a final performance of class work.

7915 Choreography & Dance
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

This course will give students an overview of dance movement, as well as the mental and physical benefits it provides. In addition, students will study and perform Jazz, Tap, Musical Theatre dance and Yoga to help condition the body to function at it’s best. Then, students will utilize these tools to create their own dance pieces and work collaboratively together as artists. Please note, this course does not meet the state education requirements for one unit of credit in art and/or music.

7917 Advanced Choreography & Dance
Credits: .50
Offered: Fall and Spring
Grade Level: 11-12
Course Weight: None
Pre-Requisite: Previous formal dance experience and/or audition

This course is open to students in grades 11 and 12 who have had formal dance experience or those who have been accepted via audition. This class provides students with an opportunity to experience the physical and mental benefits of movement. In addition, this course will let students experience many types of dance and the history behind the differing styles. Also, students will have the opportunity to create their own dance pieces. This course will successfully meet the required half year of physical education credit.

7918 Theatre Production
Credits: .5
Offered: Fall
Grade Level: 11–12
Course Weight: 1.02
Pre-requisite: Elements of Acting and any 2 (Advanced Elem of Acting/In-Depth Theatre or Scene Study)

This advanced level course gives the student the opportunity to work as a director, actor, designer or stage manager of published pieces. Participants will get the experience of working on scenes from many different genres and time periods, demonstrating their expertise in technical production. This class will culminate in a performance of their work in an alternative theatre setting.
7919 Advanced Theatre Production
Credits: .5
Offered: Spring
Grade Level: 11–12
Course Weight: 1.02
Pre-requisite: Elements of Acting and any 2 (Advanced Elem of Acting/In-Depth Theatre or Scene Study) and Theatre Production.

This advanced level course is a continuation of the Theatre Production class and will delve deeper into the collaborative process by having the entire class work together on a common piece. They will learn the importance of theme and consistency as they work on one show from audition to dress rehearsal. Students will get to design, direct, choreograph, act and stage manage full pieces while honing in on more in-depth technical skills.

7922 Advanced Theatre Production 2
Credits: 1
Offered: Full Year
Grade Level: 12
Course Weight: 1.02
Pre-requisite: Advanced Theatre Production

This course is for those students who completed all of the theatre prerequisite courses that are available. Participating students will examine classic theatre scenes and develop advanced performance projects.
ART DEPARTMENT COURSE DESCRIPTIONS

7511 Studio in Art *(Course 9th Grade Eligible)*
Credits: 1
Offered: Full Year
Grade Level: 9-12
Course Weight: 1.02
Pre Req: None

This foundation course is a survey of elements of art, including painting, drawing, 3D and art history. It serves as the pre-requisite for all other art courses and meets the Regents requirement. In addition, this course meets the state education requirements for one unit of credit in art and/or music.

7531 Cartooning
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Studio in Art

Students will learn the basics of cartooning. Techniques will be learned to produce characters, the flip book, the animated walk, as well as others. Students will also compare and contrast between American cartooning studios - DC Marvel - with Japanese Manga and Anime. This course will give students a unique overview of the world of cartooning.

7551 Drawing and Painting
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Studio in Art

This course is designed to develop within the student the necessary skills required to create a work of art. Each student will learn how to work with a variety of media including: charcoal, colored pencils, pastels, acrylics and watercolors. Students will cover a number of drawing and painting topics such as figure, portraits, still life, abstract compositions and studies of classical art. Completed work will be of portfolio quality for those students who are pursuing an art career.

7553 Advanced Drawing and Painting
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Studio in Art and Drawing and Painting

This is an advanced course is a continuation of Drawing and Painting and will be geared towards developing the student's individual approach to art. Students will continue to work with media including: charcoal, colored pencils, pastels, acrylics and watercolors. Students will cover a number of drawing and painting topics such as figure, portraits, still life, abstract compositions and studies of classical art. Completed work will be of portfolio quality for those students who desire to continue their art career. In addition, artists will develop their skills for participation in AP Studio.
7554 Advanced Drawing and Painting II
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Studio in Art, Drawing and Painting and Advanced Drawing and Painting

This advanced course is a continuation of Drawing and Painting and Advanced Drawing and Painting. Study in this course will continue to enhance and develop a student's own unique drawing/painting style and will continue to fine tune their skills with; charcoal, colored pencils, pastels, acrylics and watercolors. Students will cover a number of drawing and painting topics such as figure, portraits, still life, abstract compositions and studies of classical art. In addition, artists will develop their skills for participation in AP Studio.

7559 AP Studio Art- Drawing/Painting
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre Req: Successful completion of Drawing & Painting & Advanced Drawing and Painting and/or Department recommendation

Course Weight: AP
This advanced level course is designed to address a very broad interpretation of drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation and illusion of depth are drawing issues that can be addressed through a variety of means, which could include drawing and painting. Abstract and observational works may demonstrate drawing competence. All participants are required to complete their AP Art portfolio for submission to the college board.

7561 Ceramics and Sculpture
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Studio in Art

Students will explore the properties of clay and alternative ceramic and sculpture materials. Slab construction, coil methods and sculpture techniques will be introduced. Students will express creative visions in three-dimensional works of art.

7562 Advanced Ceramics and Sculpture
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Studio in Art and Ceramics and Sculpture

In this advanced course, students will build upon the fundamentals of three dimensional art and design by exploring new techniques of building, sculpting and glazing. Individual projects will be developed based on historical principles and personal interests.
7563 Advanced Ceramics and Sculpture II
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Studio in Art and Ceramics and Sculpture & Advanced Ceramics and Sculpture

In this advanced course, students will continue creating three dimensional art and design by exploring new techniques of hand building, coils, pinching, sculpting, wheel thrown pottery, glazing and new surface decoration techniques. Individual projects will be developed based on historical principles, as well as personal strengths and interests.

7599 Independent Study
Credits: 1 or .5
Offered: Fall & Spring
Grade Level: 12
Course Weight: 1.02
Pre Req: Recommendation of the Director of Fine Arts and one staff member who must elect to serve as the cooperating teacher.

Independent study is designed to address the artistic needs of a serious art student in excellent department standing, who has successfully completed and earned credit in all of the Oceanside courses that pertain to the area of concentration that he or she is seeking in the independent study (eg: ceramics, painting, drawing). Using an independent study proposal, the applicant must submit an application form to the Director, indicating a synopsis of the study, an outline of all of the projects to be developed and completed, coupled with an indication of his or her schedule availability. Then, once a cooperating teacher has volunteered and an appropriate free period can be arranged between the two parties, an independent study proposal will be approved. When the work has been submitted and approved, the mutually agreed upon credit will be granted.

7611 Computer Animation and Graphics
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Studio in Art

This course will utilize the latest computer programs within the Adobe Creative Suite; (Photoshop, Illustrator and Flash) students will learn the techniques used to produce generated animations. Concentration will be on the human figure and creating digital generated artwork. The combined programs will be used to produce multimedia creative, interactive presentations.
7612 Advanced Computer Animation and Graphics
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Studio in Art, and Animation

This course will build upon techniques learned in Computer Animation and Graphics I. More specifically, students will develop their individual skills and styles by using the “Adobe Creative Suite 5 (Photoshop, Illustrator and Flash)” to develop more advanced animations. Once again, students will learn the techniques used to produce generated animations. Concentration will be on the human figure and creating digital generated artwork. The combined programs will be used to produce multimedia creative, interactive presentations.

7621 Digital Arts and Web Design
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

In this class, students will explore digital arts focusing on illustration techniques, graphic design and an introduction to web creation. In doing so, students will learn and utilize the Adobe Creative Suite (Photoshop and Flash).

7622 Advanced Digital Arts and Web Design
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Web Design

This course is designed to build upon the fundamentals in Digital Arts and Web Design. This course provides advanced techniques with particular emphasis on design elements involving layout, navigation, construction and interactivity with Adobe software. Further exploration of digital arts and design will be taught using Photoshop and Flash.

7711 Digital Photo 1
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

This course will address the fundamentals and functions of the digital camera, light, composition, aesthetics and style. In addition, the importing, printing and manipulating images in Photoshop will be addressed. Students must have access to a digital camera to take this course.
7721 Digital Photo 2
Credits: .5
Offered: Fall & Spring
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Digital Photo I

This course is designed to continue to develop the skills and concepts introduced in Digital Photography I. This class will address the more advanced functions of the digital camera, as well as the more advanced aspects of Photoshop. Emphasis will be on lighting techniques, composition and conceptual ideas, in order for each student to develop their own style. Also, students will begin to develop a comprehensive body of work/portfolio. Similar to Digital Photo I, students must have access to a digital camera to take this course.

7731 Digital Photo 3
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Digital Photo I & II

This course is designed to address the needs of the more advanced photo student by building on the skills cultivated in Digital Photography I and II. Students will explore the functions of the SLR camera and studio lighting to create a “real world” photography experience and create a comprehensive body of work.

7741 Digital Photo 4
Credits: .5
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Digital Photo I, II and III

This course will allow the student photographer to explore alternative techniques to traditional photography as we know it. These processes, created at the inception of photography, have now regained their popularity. The advanced student will develop a better understanding of the historical processes in photography and how they have evolved into what they are today. Processes to be explored are: Cyanotype, Van Dyke printing, Xerox transfers and pin hole cameras. Digital photography will be incorporated into the processes that came to life in the 1800’s.

7761 AP Studio Art - Photography
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.10
Pre Req: Successful completion of Digital Photo 1, 2 3 & 4 and/or Department recommendation

This advanced level course is for those students who have been recommended into this level. It would be an appropriate course for students who have a strong desire to challenge their skills and possibly a desire to pursue a career in photography. This course will enable students to gain college credit and prestige at the high school level. Areas of photography being addressed include; black and white, color, lighting and digital. Students must find their strengths and interests upon which to build their portfolio. All students are required to cultivate a portfolio and send it to the AP college board for a final review and scoring.
DIGITAL TECHNOLOGY AND COMMUNICATION

7811 Video Production
Credits: 1
Offered: Full Year
Grade Level: 10 - 12
Course Weight: 1.02
Pre Req: None

This is a foundation course covering all aspects of video production. Students will learn story development, camera handling, camera movements, types of shots, lighting, sound, and editing. Students will be able to create their own style of movies for exhibition and various competitions. Additionally, students will have the opportunity to explore different filmmaking techniques that will include special effects using a green screen, basic animation using Adobe Premiere Pro as well as exploring other programs from the Adobe Suite.

7812 Advanced Video Production
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Video Production

This course takes all aspects of Video Production but applies more advanced camera and editing techniques like those used by the professionals. Students will create movies based on their strengths and interests. Students will be exposed to different film and television styles to develop their own style of visual storytelling. In addition, students will be able to create their own style of movies for exhibition and various competitions.

7821 Broadcasting
Credits: 1
Offered: Full Year
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

This class is geared for the student who already has a good foundation in filmmaking and is serious about learning video production in a real-world setting. Students will learn the elements of working both in front of and behind the camera to create human interest stories about Oceanside High School that will be part of the high school news program, The Sailor Station. In addition, students will be called upon to create videos and to provide video assistance for teachers and students. Students will also be able to create their own style of movies for broadcast or for competitions. Students with no filmmaking knowledge/experience should take Video Production before taking this course.

7822 Advanced Broadcasting
Credits: 1
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: Broadcasting and Teacher Recommendation

This course is a continuation of Broadcast, where students will further develop their skills in camera work, editing, and on-air performance. In addition, students will be able to create their own style of movies for broadcast as part of the Sailor Station and for competition.
SPECIAL EDUCATION DEPARTMENT COURSE DESCRIPTIONS

The instructional settings for students with disabilities are determined at a CSE meeting. Settings and programs vary according to need and include:

Academic Career Exploration
The content of the courses follows a prescribed curriculum that includes functional academics and remediation in reading, writing, mathematics, communication skills, life skills, vocational skills, social skills and travel training.

Special Classes (SC) – Regents Bound
These classes are designed for students with disabilities who need specialized instruction and/or a smaller class size. There may be up to 15 students in the class with one full time certified special education teacher. These classes are Regents based courses and students are required to take appropriate Regents exams. (See the course descriptions in the corresponding departments.)

*Algebra 1 may be offered as a 2-year course
^Biology may be offered as a 2-year course

Integrated Co-Teaching (ICT)
This model contains a general education teacher, as well as additional special education support provided by either a special education teacher or special education certified teaching assistant, in content specific general education classes. The role of the additional educator in the classroom is to address student’s individual needs as well as support the class as a whole by breaking down materials and providing differentiated instruction. (See the course descriptions in the various departments.)

8601 Career Development
Credits: .5
Grade Level: 10
Offered: Full year- Alternating Days
Course Weight: 1.02

High school is a critical time for decision making and exploring various personal, academic and career options. This class is designed to help make some of these decisions a little bit easier. As part of this course, students will explore their interests, aptitudes, and skills as well as their individual learning styles in order to find possible career matches. Students will explore a variety of career options, as well as, strengthen their decision making skills. A variety of post-high school opportunities will be discussed to help students develop and achieve career goals. All students who participate in our 10th grade Integrated Co-Teaching program, as well as our Regents bound self-contained classes will be recommended for this course.

8800 Academic Support (Resource Room)
Credits: Non-Credit
Grade Level: 9-12
Offered: Full Year
Pre Req: CSE Recommendation

This course is designed to provide academic support for students in all content area classes. Students receive a daily period of assistance with course work in a small group setting.
Integrated Co-Teaching Conference
8801 - Grade 9
8802 - Grade 10
8803 - Grade 11

Credits: Non-Credit
Offered: Full Year - Alternating Days
Grade Level: 9-11
Pre Req: CSE Recommendation

This course is designed to provide academic support for students in all content area classes. Students receive a daily period of assistance with course work in a small group setting.

8804 Senior Skills
Credits: Non-Credit
Offered: Full Year - Alternating Days
Grade Level: 12
Pre Req: CSE Recommendation

This course is designed to assist with transitioning students to post-secondary pathways as well as provide academic support for senior level assignments.
Note: PE courses (with the exception of Sports Medicine and Advanced Fitness) do NOT factor into the students cumulative or term GPA, but they do appear on the transcript and for credit.

9021 PE 9: Fitness for Life (Course 9th Grade Eligible)
Credits: .5
Offered: Full Year
Grade Level: 9
Pre Req: None

This course is mandatory for all 9th graders. Students will have an opportunity to: Create a fitness plan; Set individual goals while assessing their status and progress; Overcome barriers to regular physical activity; Participate in classroom and activity labs which will include the use of technology.

9001/9002 PE Fall/Spring
Credits: .25
Offered: Fall
Grade Level: 10-12

The course will provide students with the opportunity to become familiar with the activities, skills, tactics and strategies in a variety of areas including individual fitness (weight training, metabolic conditioning and cardio core), individual net and racquet sports, team sports, and non-traditional physical individual and team activities (yoga, mindfulness, project adventure). Following is a brief description of each component:

**Fitness**
- **Weight Training:** Emphasis is on developing muscular strength, endurance, flexibility and safety, following the F.I.T.T. principles. Weight Room safety and lifting technique is stressed. Students will be able to complete a personalized weight training program and journal.
- **Metabolic Conditioning:** CrossFit concepts and student centered strength and conditioning program are emphasized. Metabolic conditioning is emphasized to improve student competencies at all physical tasks.
- **Cardio Core:** Emphasis on interval training targeting core muscles that will also improve cardio conditioning. Students will set goals and track their progress.

**Individual Net and Racquet Sports**
- **Tennis:** Students will learn and play the game of Tennis. Included is scoring and singles and doubles play
- **Badminton:** Students will learn and play the game of Badminton. Included is scoring and singles and doubles play.

**Non-Traditional Physical Individual and Team Activities**
- **Yoga:** Introduce students to the basic postures, breathing techniques, and relaxation methods of yoga and mindfulness to improve flexibility, strength, and relieve stress and increasing awareness of the moment.
- **Project Adventure:** Students will participate in Cooperative Games, High Elements, and Zip lines.
- **Golf and Archery:** Students will learn the basic skills of Golf and Archery, including scoring, use of equipment, and safety.

**Team Sports**
Students will participate in and learn the rules of a variety of team sports including Football, Soccer, Basketball, and Volleyball.
9071 PE Sports Medicine
Credits: .25
Offered: Fall & Spring
Grade Level: 11-12
Course Weight: 1.02
Pre Req: None

This is an elective course that may not replace the Physical Education requirement. Students will learn fundamentals of human anatomy and physiology, particularly as related to physical performance. Students will learn the basics related to the prevention and care of injuries. Students will have the opportunity to explore career opportunities in Sports Medicine-related fields such as orthopedics, physical therapy and athletic training. Students will also learn how to develop specific fitness and training programs and be given the opportunity to put these programs into action through the use of the program’s facilities.

9711 Health Education Grade 9 *(Course 9th Grade Eligible)*
Credits: .5
Offered: Full Year Every Other Day
Grade Level: 9
Course Weight: 1.02
Pre Req: None

Health Education, a mandated course, is offered to 9th grade students. Instruction is given in all eleven (11) areas as identified by the State Education Department. Emphasis is placed on emotional health, family life education, diseases and disorders including AIDS, alcohol, tobacco and other drug substances, and healthful life styles. Other areas that are covered are human growth and development, nutrition, environmental health, consumer health, safety, first aid and survival, and community health. Freshmen in this course will participate in the GEM mentoring program with seniors.

9714 Health Education Grades 10-12
Credits: .5
Offered: Full Year Every Other Day
Grade Level: 10-12
Course Weight: 1.02
Pre Req: None

This course is the same as the ninth grade course, but offered only to those upper classmen who were unable to take Health as a freshman. Please see the description above. Students in this course do not participate in the mentoring program.

9715 Redefining Mental Health
Credits: .5
Offered: Full Year Every Other Day
Grade Level: 10-12
Course Weight: 1.02
Pre Req: Health 9 or Health 10-12

Students will learn about mental health conditions and its effect on overall health. They will also be given the tools to become more resilient and be able to self-regulate and manage their emotions. This will be done through education and learning a variety of practices and various strategies. In addition, they will explore school and community resources, spread positive messages through advocacy and help to stop the stigmas associated with Mental health.
9801, 9802 Adaptive Physical Education
Credits: .25
Offered: Fall & Spring
Grade Level: 9-12
Pre Req: CSE Recommendation

Students recommended for adaptive physical education receive instruction and practice based on their individual educational plan.
ALTERNATIVE AND OTHER PROGRAM COURSE DESCRIPTIONS

BARRY TECH Career & Technical Training

9905 AM 9906 PM
Credits: 4
Offered: Full Year
Grade Level: 11-12
Course Weight: 1.02
Pre Req: None or by Principal’s recommendation.

An option for juniors (two year programs) and selected seniors (limited to one-year program) is Career/Technical education at Barry Tech. (formerly Nassau Tech/BOCES). Students spend four periods of the day at the high school and three and a half periods at the Barry Tech. Campus in Westbury. An application should be made through the Counseling Department in January of the student’s sophomore year. Students must meet the following criteria:
Attendance: No DLT’s within the last school year. Behavior: No level three infractions, no physical altercations. Grades: Students must be on track to graduate with their respective class; a minimum of an 80 average in all classes or receive a Principal’s recommendation. Essay Requirement: Students must submit paragraph of interest. Must speak to why they are interested in particular program and how it will benefit their career of interest.

Oceanside High School - Castleton

OHS Castleton provides an educational environment designed to promote academic, emotional and social skills, empowering students to succeed in school and life. With the blending of small class size, and individual and group counseling, the program provides an atmosphere and facility where students are given the opportunity to earn credits toward earning a high school diploma.

New Horizons

TASC/HIGH SCHOOL EQUIVALENCY DIPLOMA
Preparation is given in all areas necessary for the high school equivalency test. Students take the exam when ready and a TASC diploma is issued upon satisfactory completion.

This program is for high school students. No students can be admitted until they complete the school year during which they turned 16. July 1 is the beginning date of a new school year. Hours of attendance and course of study are determined by test and interview at the time of entrance. A minimum of 12 hours per week is required.

Oceanside Learning Center

The Oceanside Learning Center is an innovative high school program which provides the unique opportunity for individualized instruction outside of the typical school day in order to help students successfully meet the requirements for graduation. The OLC is in session Monday through Thursday from 3:15 to 6:15 pm. These hours free our students up so they can be employed during the day, when most students cannot work. The students are encouraged to take advantage of this opportunity. Class size is kept small to maximize the chance of success.

Driver Education

This one-semester course is offered in the fall semester, spring semester and summer session. Registration is in September for the fall, January for the spring, and April for the summer. Seniors are given scheduling priority. During the fall and spring, courses meet after school and on weekends; summer classes are held week day mornings. The Driver Education program follows the NYS guidelines and a NYS DMV “Certificate of Completion” is awarded upon satisfactory completion of this course. There is a fee for this program. Check the high school website at www.oceansideschools.org and select the link “Life Around Here” for information.