Holland High School Course Handbook

2026-27

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Title IX Regulations

Title IX of the Education Amendment of 1972 requires that public schools do not discriminate on the basis of sex, race, or handicap in the educational programs and activities which they operate. Furthermore, the regulations which apply to programs and activities also extend to college admissions and employment opportunities.

Title IX states: *No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of , or be subjected to discrimination under any educational program or activity receiving federal financial assistance…*

Mission Statement
Holland High School

Holland High School will provide a safe learning environment which will allow all students to reach or exceed current standards, while attaining the skills necessary to achieve success in today's world.

High School Faculty Roster

English.....Mrs. Angela Waligora
English……Mrs. Heather Schneider
English……Mr. Stephen Sorenson
Mathematics…… Mrs. Melanie Hulton
Mathematics…… Ms. Becca Justinger
Mathematics…… Mr. Jason Wojcik
Science…… Ms. Taylor Farrant
Science…… Mr. Andrew Ranic
Science…… Mrs. Pamela Patterson
Social Studies…. Mr. Ronald Carr
Social Studies…. Mr. George Schmidt
World Lang. … Mrs. Sarah Crowe
Visual Arts…….Mrs. Angela Ginnitti
Visual Arts……..…Ms. Jennifer Breier

Health…… Ms. Tania Letina
Technology…… Mr. Paul Banko
Technology……...Mr. Stephen Kew
Guidance Services…… Mrs. Lisa Hanlon
Physical Education…….. Mr. Tim Buckenmeyer
Physical Education…….. Ms. Tania Letina
Music (Instrumental)….Mr. Mark Wiech
Music (Vocal)……..Ms. Rebecca Roudebush
Special Ed. Services…….Mrs. Heather Schneider
Special Ed. Services…….Ms. Nicole Surdyk
Special Ed. Services…….Mr. Mark VanRemmen
Special Ed. Services…….Ms. Pamela Widger
Special Ed. Services…….Ms. Brittany Kawalec
Health Services (Nurse) Ms Tammy Regnier
Library Media Specialist Mrs. Debra Kozlowski

Graduation Requirements

ADVANCED REGENTS DIPLOMA		REGENTS DIPLOMA
English	4 credits	4 credits
Social Studies	4 credits	4 credits
Mathematics	3 credits	3 credits
Science	3 credits	3 credits
Health	.5 credit	.5 credit
Physical Ed.	2 credits	2 credits (.25 credit per semester)
Art/Music	1 credit	1 credit
*Second Language	3 credits	1 credit
Electives	3.5 credits	5.5 credits
	24	24

Students must pass the following regents exams to graduate with:

REGENTS DIPLOMA: Student must score 65 or better on Global, US History, Algebra I, English and one science regents.

REGENTS DIPLOMA with **ADVANCED DESIGNATION**- students must score 65 or better on everything in the Regents Criteria, plus Geometry, Algebra II. Sciences must be living Environment with 1 more science, along with a Foreign Language checkpoint B regional exam (65 or higher on all 9 exams).

LOCAL DIPLOMA students with disabilities with an IEP or 504 Plan can have a low pass safety net (if stated on their IEP or 504 Plan), requires 55 or higher on math, science, ELA, Global and US History regents exams. A score of 65 or higher on one exam can compensate for a score lower than 55 on one other exam (excluding ELA and math).

**Students who pursue a sequence of five or more credits in business, technology, home economics, art, music or a BOCES program, may substitute another sequence for the foreign language requirement. However, this choice may affect college admission later. (Some colleges require a language; others may waive the requirement for a student who has a language sequence in high school.)*

ADDITIONAL DIPLOMA CREDENTIALS:

Regents with Honors– average score of 90 or higher on 5 required regents exams [1 math, 1 science, ELA, 2 Social Studies (or 1 Social Studies + Pathway)]

Regents with Advanced Designation with Honors- average score of 90 or higher on 8 required regents exams [3 math, 2 science, ELA, 2 Social Studies (or 1 Social Studies + Pathway)]

Regents with Advanced Designation, Mastery in Math– Meets all assessment requirements for the Regents with Advanced Designation and, in addition, scores 85 or better on each of 3 Regents Examinations in Math.

Regents with Advanced Designation, Mastery in Science– Meets all assessment requirements for the Regents with Advanced Designation and, in addition, scores 85 or better on each of 3 Regents Examinations in Science.

CREDIT REQUIREMENT:

Students in grades 9-11 are required to take **7 credits** per year. Seniors are required to take **6.5 credits** per year.

CREDIT REQUIREMENT TO ATTEND CAREER AND TECHNOLOGY PROGRAMS

Students must earn a minimum of 10 credits by the end of their sophomore year to be eligible to attend vocational programs at the Ormsby Center or Potter Road.

CLASSES AT ORMSBY/POTTER ROAD

Students receive 4 credits/year for the technical programs at the vocational centers. English 12 is integrated into the two year technical programs. No extra credit is earned for Science, or Math that may be a part of that curriculum. Students must take Participation in Government, Economics, Science, and Math at the home school.

GRADE LEVEL DETERMINATION

How many credits determine grade level?

Sophomore- 4 credits (3 core)
Junior- 10 credits (6 core)
Senior- 16 credits (9 core)
***Core courses are English, Social Studies, Math, and Science

DROP POLICY

If students wish to drop a course they must obtain a form requesting a schedule change from their counselor. The student, the parent, the counselor, teacher and the principal fill out portions of the form. If the request is granted a drop notification will be sent to the teacher. Students are to remain in the class until the request form has been completed and approved and the student receives a new schedule showing the change has been made. **When a semester course is dropped after 5 weeks, or a full year course is dropped after 10 weeks, a drop/fail will be recorded and a final grade of 50 will be earned for the course.**

SCHEDULE CHANGES

All course request changes should be made by **July 14th prior to the start of the school year.** Students must have teacher recommendation and parent permission to change course level, for example, from English Honors to English Regents.

ADVANCED PLACEMENT LEVEL COURSES

These are college level courses offered through the College Board. Students enrolled in these courses agree to take the Advanced Placement Examination in May and any local course final in June. College credits may be earned depending upon the results of these exams and the policy of the college.
*Students will pay the test fee-approximately **$99.00** (Fee waivers are available for students on the free/reduced lunch program

FINAL EXAMINATIONS

Students must take the final exam given for the course they are in, either Regents or local. Final course grade is determined on a 90% course average plus10% exam grade.

REPEATING A COURSE/EXAMINATION

Students who fail a course, e.g. Earth Science, may repeat the course in summer school or the following year. Students may retake a Regents exam to raise their final average. In some instances, a student may receive course credit, once the average is recalculated using the highest regents exam score. The highest grade received is used for cumulative average and rank in class.

TESTING OUT POLICY

Any student who has failed a full year **core** course (English, Social St. Math, Science) is eligible to test out.

Criteria for testing out:

- Student must pass quarters 1 and 2.
- Student must complete the final exam, regents exam or final project that concludes the course.
- The final grade is determined as follows: 1st quarter—45%, 2nd quarter—45% and final exam—10%

CUMULATIVE AVERAGE / RANK IN CLASS

The ***cumulative average*** is computed at the beginning of the senior year, then again at the end of the 2nd quarter. Both a weighted and unweighted average are reported on the transcript.

CLASS RANK

The ***rank in class*** is established by placing students in descending order from the highest to the lowest based on the weighted cumulative average. A ranking for transcripts is determined at the beginning of the senior year and a final ranking is completed after the 2nd marking period. The rank at the end of 2nd quarter (senior year) is used for determining the valedictorian and salutatorian.

Students are ranked using all courses taken regardless if passed or failed. When a course has been repeated to raise a grade, the higher grade will be used. If a course is dropped after the school deadline (ten weeks for a full year course, five weeks for half-year courses) a code of DRP/F will be used with a grade of 50.

WEIGHTING

The final grade given by the teacher in a course is the grade that the student actually receives. If a student receives an 85 in a class, that is the grade that will appear on the report card. (The course average will not be affected by the weighting). ***WEIGHTING WILL NOT DETERMINE WHETHER A STUDENT PASSES OR FAILS A COURSE.***

It is only the **vertical average** (quarterly and final overall average) that will be affected by the weighting. That is, the weighting will affect the quarterly, the final overall average, and the class rank.

For example, **AP** or **College** courses will be multiplied by a weight factor of 1.10

96 x 1.10 = 105.6

85 x 1.10 = 93.5

Honors courses will be multiplied by a weight factor of 1.05

96 x 1.05 = 100.8

85 x 1.05 = 89.25

HONOR ROLL

Honor Roll– average 85-89.9

High Honor Roll-average 90+

EARLY GRADUATION

Students may graduate at the end of the 6th or 7th semester if they have met all diploma requirements. This may be accomplished by taking additional courses during the school year or by attending summer school. Early graduates must be approved by the Board of Education **one semester** prior to the intended completion of graduation requirements.

COURSE OFFERINGS

AP- Advanced Placement
H - Honors Level
R - Regents Exam Required

Exams: State Exam/Regents Exam
Local/School Exam
College Exam

C O U R S E S

Listed Alphabetically by Department

Course Name: Studio Art I

Prerequisites: None

Length: Full Year Exam: Portfolio

Open to : Freshmen, Sophomores, Juniors, Seniors

Description: Studio Art is an introduction to the fine arts. Students will be introduced to several art disciplines, including drawing, painting, mixed media, sculpture, ceramics, printmaking, and graphic design. Students will use a variety of materials to complete assigned projects. Collaboration, creative problem-solving and arts integration with real-world contemporary connections will be explored. The Elements of Art and Principles of Design will be taught and incorporated into each lesson. There will be an Art History component to each unit that is completed. Studio Art is designed to give students an overview of the visual arts and experience with as many mediums as possible. .

Course Name: Studio Art II

Prerequisites: Studio Art I

Length: Full Year Exam: Portfolio

Open to : Sophomores, Juniors, Seniors

Description: Studio Art II will build upon the vocabulary, skills and concepts learned in Studio Art I using a variety of two and three-dimensional art making techniques. It will include an exploration of different drawing methods and mediums, personal expression, problem solving, art criticism and art history, graphic design, digital imaging, printmaking, painting, and sculptural art. Students will apply their knowledge of the art media to illustrate concepts dealing with personal and/or universal themes. They will also investigate the role of art and art criticism within art history and will relate this learning to their own contemporary art making practices.

Course Name: Studio Art III

Prerequisites: Studio Art I, Studio Art II

Length: Full Year Exam: Portfolio

Open to : Juniors, Seniors

Description: Studio Art III is a course for the serious art student who is interested in developing their drawing skills even further. The artwork created will prepare students for the AP Portfolio during the following year if the student chooses to continue to the Advanced Placement level as a senior.

This is a continuation in the study of drawing, building on the foundation and concepts in Studio Art I and Studio Art II and will offer advanced levels of training in drawing. Students will learn to see and draw more accurately from the world around, while refining their abilities to respond on the two-dimensional surface. Most importantly, students will create meaningful, conceptual artwork. The study of drawing will include a broad range of materials and techniques while building artwork based on a concentration, or theme.

Course Name: Advanced Placement Studio Art

Prerequisites: Studio Art I, Studio Art II, Studio Art III & teacher recommendation

Length: Full year Exam: Portfolio Completion/Evaluation (required) $99

Open to: Due to the nature of the course, students are admitted by advisement only

Description: The Advanced Placement Studio Art course has been designed for students who are seriously interested in understanding and creating art and wish to develop mastery of materials, processes and ideas. AP Students will work towards the completion of a portfolio of work that will be submitted for evaluation at the end of the school year. The portfolio has two major components. The first is the sustained investigation which is a body of work based on an inquiry that the student investigates through practice, experimentation and revision. The second section asks the students to physically submit 5 original works to demonstrate their drawing skills. Advanced Placement work does involve significantly more time and commitment than most high school courses. Therefore, the program is intended for students seriously committed to studying art. At the end of the course, students will have a portfolio capable of earning college credits. Through participation in this course, students will understand that art making is an ongoing process that uses informed and critical decision making to determine outcomes to problems.

Course Name: Ceramics

Prerequisites: None

Length: Semester (1/2 art credit) Exam: local

Open to: Sophomores, Juniors and Seniors

Description: This is a half-year course designed to introduce students to the art of building with clay. Students will learn the vocabulary, history, and techniques necessary to hand-build, glaze and fire objects made with clay. A sketchbook is recommended. *Enrollment is limited to 24 students*

Course Name: Graphic Design

Prerequisites: Studio Art I

Length: Semester (1/2 art credit) Exam: local

Open to: Juniors and Seniors

Description: Students will use the elements and principles of design to plan and develop compositions for products ranging from logos to posters and package design. Students will gain an understanding of how to apply basic design concepts to the presentation of informative or persuasive material which is crucial to communicating with an audience. Focus will also be on the critical analysis of the visuals that permeate our contemporary culture. This class will include 2D art making methods using a variety of drawing materials and various digital manipulations on the computer.

Course Name: Photography I

Prerequisites: None

Length: Semester (1/2 art credit) Exam: local

Open to: Juniors and Seniors

Description: This course will provide students with an introduction to digital photography. This class will cover five areas of instruction. Digital SLR Camera applications and functions, digital image processing using Adobe Photoshop, successful composition strategies, lighting and conceptual visual literacy. This class will also address some basic photo/camera history and art criticism. Everyone has the capacity to interpret and create images . It will bring out your innate creativity, it will build on your interpretive and technical skills and it will enhance your understanding of the power of photography to communicate your unique perspective of the world.

A class set of digital SLR cameras will be made available to students upon completion of the equipment contract. *****Due to equipment limitations, enrollment is limited to 15 students.*****

Course Name: Photography II

Prerequisites: Photography I

Length: Semester (1/2 art credit) Exam: local

Open to: Juniors and Seniors

Description: This course will focus on more advanced digital photography techniques. The projects will require students to be more creative and inquisitive and will focus on more challenging editing manipulations using Adobe Photoshop. Students will develop more advanced editing skills and incorporate image manipulation methods. As with the introductory photography course, this class will address photo history, aesthetics, visual literacy, and art criticism.

A class set of Digital SLR Cameras will be made available upon completion of the equipment contract. *****Due to equipment limitations, enrollment is limited to 15 students.*****

Course Name: 3D Art

Prerequisites: Studio Art I

Length: Semester (1/2 art credit) Exam: local

Open to: Sophomores, Juniors, Seniors

Description: In Sculpture you will explore art through three-dimensional media including: Clay, wire, assemblage, wood, Paper Mache, plaster, found object, stone sculptures AND MORE. All work will be grounded in the Elements and Principles of Art and Design. You will become proficient in sculpture fundamentals, building techniques and will learn about major figures in Art history. All projects will emphasize both technique and creativity.

Course Name: Yearbook Design

Prerequisites: Creative, positive attitude and dedication!

Length: Full Year Exam: Local

Open to: Sophomores, Juniors, Seniors

Description: This course will teach students to identify, master, and put into practice the skills involved in creating the school yearbook. The class will work together as a team as well as individually to gather information, document it, write articles, learn to use the on-line program, and above all, learn to ***meet deadlines!***

The yearbook will be completed in sections and submitted by specified dates to the publisher. The class will also be involved in fund-raising, marketing, sales, and distribution of this year's yearbook. **It is recommended that students who wish to sign up for Yearbook have a strong work ethic. Be prepared to spend extra time (outside of regular class time) working on various elements of yearbook production. This class may be taken more than once.**

*Students should own or have access to a digital camera and have some experience in Photoshop.

Course Name: **English 9**

Prerequisites: none
Recommended: none
Length: Full year Exam: Local
Open to: Freshmen

Description: English 9 Regents serves as a survey and foundation course. Lesson focus will be aligned with NYS Common Core Standards for skill development and proficiency. Literary units of study will include a variety of non fiction and memoir texts, along with full-length novels, fictional short stories, and poetry. In addition, students will be introduced to tasks from the ELA exam to be taken junior year. Independent reading projects, vocabulary and writing tasks, and presentations should be expected.

Course Name: **English 9 Honors**

Prerequisites: Complete independent readings prior to entering the course, teacher recommendation
Recommended: 8th Grade Language Arts grade 90% or higher
Length: Full year Exam: Local
Open to: Freshmen

Description: English 9 Honors will follow a similar, yet accelerated, format to the English 9 Regents course. However the material will be presented based on student-generated questions and situations. There will be several independent reading assignments as well as a focus on developing and refining writing techniques. The students will be required to read at least one novel from the approved 9th grade reading list. Weekly vocabulary and writing exercises should be expected as well as independent reading projects, unit tests, cooperative learning groups, and presentations.

Course Name: **English 10**

Prerequisites: English 9
Length: Full year Exam: Local
Open to: Sophomores

Description: English 10 Regents students work to develop effective English skills which include recognizing and using correct grammar, integrating grammar and usage skills with other areas of communication, building vocabulary, clear writing, and identifying and analyzing the structure and content of a variety of literary genres. Literary units of study may include a variety of non-fiction texts, including at least one full-length text, several fictional common core short stories and novels, and other connecting relatable works. Lessons focus on NYS English Language Arts standards for skill development and proficiency in the four ELA strands: speaking, listening, reading, and writing. Students should expect regular assignments in reading, writing, language skills, and studying.

Course Name: **English 10 Honors**

Prerequisites: English 9H and teacher recommendation
Recommended: strong work ethic, 9th grade ELA Average 88% or higher
Length: Full Year Exam: Local
Open to: Sophomores

Description: English 10 Honors challenges college-bound students with superior academic ability. Students should have strengths in recognizing, using, and integrating proper grammar and writing skills. Literature units include a variety of genres designed to broaden students' cultural understanding and literary experiences, and to develop and refine student reading, writing, and critical thinking skills. Units integrate speaking exercises, vocabulary, spelling, grammar, and usage. Lessons focus on NYS Common Core standards for skill development and proficiency in the four ELA standards: speaking, listening, reading, and writing.

Course Name: **English 11R**

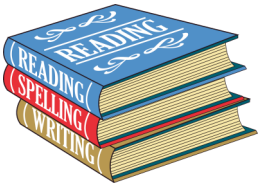
Prerequisites: English 9 & 10

Length: Full Year Exam: Regents/Common Core Assessment

Open to: Juniors

Description: This course follows the Regents syllabus with specific focus on skill development and preparation for the Comprehension English exam required for graduation. Vocabulary, spelling, grammar and usage, listening and speaking skills, composition and reading comprehension are reviewed and strengthened. Critical reading and writing are emphasized based on a variety of literary genres-short and long non-fiction selections, novels, poetry, drama, and short stories. Class assigned readings will center around, but not limited to, American Literature from the colonial period tp modern day

Course Name: **English 11 Honors**



Pre requisites: English 10H with an average of 90+ or teacher recommendation

Recommended: From a reading list, completion of independent readings prior to entering course. Strong work ethic, strong writing skills.

Length: Full Year Exam: Regents/Common Core Assessment

Open to: Juniors

Description: This course is designed for students who have demonstrated high academic ability and high personal motivation. It requires strong reading comprehension skills, a strong vocabulary, mastery of grammar and usage skills, and strong technical writing skills. In addition to preparation for the Regents Comprehension Examination, the course involves intensive study of literature comprehension and analysis, research and communication skills and preparation for the SAT. Students should expect independent readings and writings. Major reports may be assigned; one project for each semester. Class assigned readings may be drawn from but not limited to American Literature from the colonial period to modern day.

Course Name: **English 12**

Prerequisites: English 11

Length: Full Year Exam: Local. (if lacking attendance or academic certification, a final project will be assigned.)

Open to: Seniors

OVERVIEW:

- Survey of English literature
- Formal essay writing
- Individual and group projects
- Public speaking/speech module (4th quarter)
- Class-chosen elective (3rd quarter)

Course Name: **AP English Literature and Composition**

Prerequisites: English 11, (*preferably honors, 85% ELA average, score 85 or higher on the ELA Regents exam, SAT score of 500 on verbal section, parental approval, agreement to take AP (Advanced Placement) exam-Literature and Composition*

Length: Full Year Exam: **AP exam required (approx. $99)**

******Fee waivers for free/reduced lunch program students are available******

Open to: Seniors

Description: This course is designed for students seeking Advanced Placement credit for college English. Designed for mature, scholastically ambitious and competent students, this course involves an extensive study of literature and writing in preparation for a college-level final exam taken in early May. In addition , all students enrolled must take the speech elective to close out the year.

Areas of emphasis include:
Essayanalysis, World iterature, Poetry, Realistic and nonrealistic drama, test-taking strategies, Vocabulary & literary-term enhancement

Course Name: **Professional Communications**

Prerequisites: None
Length: Half Year
Open to: Seniors, Juniors with pre-approval

Description: Professional Communications is a one-semester English elective course open to second-semester high school seniors. This course is designed to provide an introduction to the communication process and expose students to various forms of communication as it relates to their future goals. Students enrolled in Professional Communications will identify, analyze, develop, and evaluate communication skills in interpersonal situations, group interactions, and personal and professional presentations.

All aspects of human interaction, whether professional or social, rely on effective communication skills. Students will study various aspects of communication such as inter and intrapersonal communication, ethical communication, nonverbal communication, group dynamics, written communication, business communication and leadership, as well as interviews, cover letters, and resumes. Students will also practice communication techniques through the delivery of several speeches and presentations. In addition, students will learn (and teach one another) various class-identified life skills valuable to young adults as they finish their high school years.

Supplies: Students will need a dedicated one-subject notebook and writing utensils, as well as an open mind

Course Name: **Creative Writing**

Prerequisites: None
Length: Half Year
Open to: Grades 9-12

Description:
Students will craft various types of fiction (short story, poetry, drama) and nonfiction (memoir, analysis, research, argument). Students will study exemplars of each genre written by professional writers as well as work written by peers to help guide their progress. Using the peer group workshop model, students will create a portfolio of polished pieces created following exercises from Le Guin's *Steering the Craft,* Warner's *The Writer's Practice* and other sources. Students may choose to publish their finished work in Holland's arts publication.

Course Name: **Poetry**

Prerequisites: None
Length: Half Year
Open to: Grades 9-12

Description:
The writing and reading of poetry provide us with opportunities for self-expression, critical thinking and language development. In this course, students will read and analyze poems as well as create a portfolio of their own poems. We will focus on poems in the lyric tradition: ballad, sonnet, ode, elegy, dramatic monologue, haiku and pastoral. Students will have the opportunity to publish their poems in the online school arts publication.

Course Name: **Spanish IB**

Purpose: Earn one unit of HS World Language credit required for NYS graduation

Length: Full Year Exam: Local

Open to: Freshmen, Sophomores, Juniors, Seniors who have failed World Language 7 and/or 8 classes or have transferred into HCS without required World language credit for HS graduation.

Description: Introduction to the Spanish language will include vocabulary and beginning grammar topics as required by NYS World Language curriculum for check point A. Students will begin to work on four skills for communication: reading, speaking, listening and writing. Many Spanish-speaking cultures will be explored as well as comparisons between them and the culture here in the US. Spanish IB completes checkpoint A for NYS World Language.

Course Name: **Spanish II**

Prerequisites: Spanish 8 or Spanish I

Recommended: interest

Length: Full Year Exam: Local

Open to: Freshmen, Sophomores, Juniors, Seniors

Description: The skills started in the first level course will be strengthened. A heavier emphasis on the linguistic structure of the language is made in level two and there will be a heavier emphasis on developing reading skills and speaking. Contributions of Spanish Speaking countries to society and studies of the customs of the peoples of these countries will add to the students' knowledge and understanding of the Spanish-speaking cultures. Spanish II completes the first half of checkpoint B NYS.

(Regents Credit)

Course Name: **Spanish III**

Prerequisites: Required: Spanish I and II

Recommended: interest

Length: Full Year Exam: Local

Open to: Sophomores, Juniors, Seniors

Description: Student oral skills are developed through an intensive program of conversation. Real situations are used to stimulate student involvement. Correct pronunciation, speed, and comprehension are stressed. This course is a must for students who wish to use Spanish in combination with any other job skills. After successful completion of this course and comprehensive exam, students will have completed checkpoint B for the New York State Language requirement for Advanced Regents designation.

Course Name: **Spanish 103– Intermediate College Spanish (AP weight)**

Prerequisites: Required: Spanish level III or higher

Recommended: interest and desire to work at college intermediate level

Length: Full Year Exam: Local and college

Open to: Juniors, Seniors

Description: This course is offered in through **NUSTEP**; a program with **Niagara University**. It is designed to ultimately achieve **three** credit hours of intermediate Spanish college credit, when the course and exams are successfully completed and credits are purchased. The current cost is $300 for a 3-credit course or approximately 10% of normal Niagara University tuition costs. This is a 90% savings on tuition for 3 intermediate credit hours. It offers a review and expansion of Spanish grammar, as well as the development of reading techniques, critical thinking, and writing skills through the study of short literary texts and cultural readings.

Advantages: Students have five extra months to complete the work compared to college, retests are with Senora Crowe, and you are allowed up to three rewrites per paper.

Course Name: **Spanish 104– Intermediate College Spanish (AP weight)**

Prerequisites: Required: NUSTEP SPA 103 Intermediate college Spanish (85% or higher final average)

Recommended: interest and desire to work at college intermediate level

Length: 2 semesters Exam: Local and college

Open to: Juniors, Seniors

Description: This course is offered through **NUSTEP**; a program with **Niagara University**. It is designed to ultimately achieve **three** credit hours of intermediate Spanish college credit, when the course and exams are successfully completed and credits are purchased. The current cost is $300 for a 3-credit course or approximately 10% of normal Niagara University tuition costs. This is a 90% savings on tuition for 3 intermediate credit hours. It offers a review and expansion of Spanish grammar, as well as the development of reading techniques, critical thinking, and writing skills through the study of short literary texts and cultural readings.

Advantages: Students have five extra months to complete the work compared to college, retests are with Senora Crowe, and you are allowed up to three rewrites per paper.

For both Spanish 103 and 104, students on free or reduced lunch programs (verified by high school administration) are able to receive a tuition waiver that will cover the cost of the course;* ***there is a $25 non-refundable registration fee that all students are required to pay regardless of any type of waiver that they may receive.*

If you are choosing to attempt to earn the NYS Seal of Biliteracy, you must be enrolled in NUSTEP104

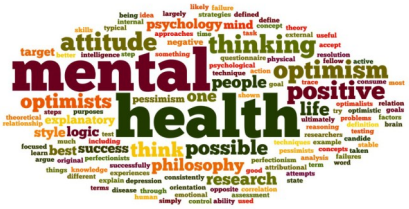
Course Name: **Health– High School Level**

Prerequisites: None

Length: Semester Exam: Local

Open to: Sophomores, Juniors, Seniors

Description: Some issues that will be covered are:



Mental Health Issues

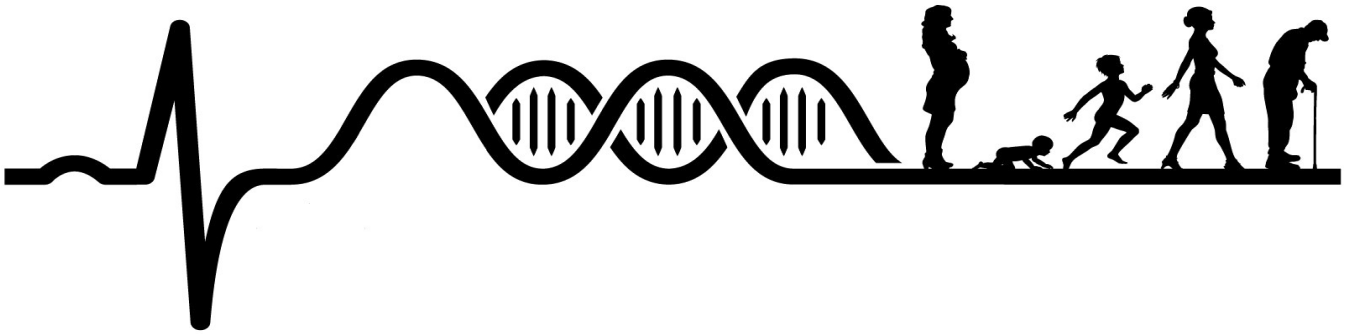
* Personality development
* Understanding emotions
* Managing stress and anxiety
* Treating mental disorders & suicide

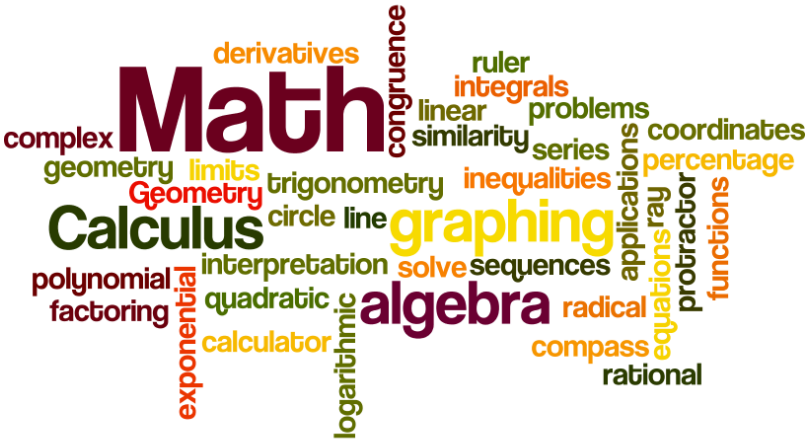
Physical Health Issues

* Fatigue, rest, sleep
* Physical activity
* Nutrition & healthy eating
* Reproduction and development
* Infectious diseases STD'S, A.I.D.S.
* Degenerative & Communicable diseases

Social Health Issues

* Substance abuse
* Sexual harassment
* Rape
* Cardiovascular Disease and causes
* Marriage and divorce
* Child abuse
* Violence prevention





Course Name: **Algebra I**

Prerequisites: Required: None

Length: Full Year Exam: Regents

Open to: Freshmen

Description: The focal point of this Algebra course is to prepare for the NYS Algebra I regents exam, following the NYS Next Generation Mathematics Learning Standards, students develop fluency writing, interpreting and translating between various forms of linear equations and inequalities and using them to solve problems. Students will explore many examples of functions, including sequences. They will compare and contrast linear and exponential functions. They will create equations and inequalities and systems of equations involving quadratic expressions. They will study quadratic functions, comparing them to linear and exponential functions.

Extra Materials Required Graphing Calculator– TI 84 family of calculators (district provided)

Course Name: **Algebra IA**

Prerequisites: Required: None

Length: Full Year Exam: Local

Open to: Freshmen

Description: For students who need more time to complete the above stated course curriculum, this course will Cover approximately one half of the topics. The Regents exam will be given at the end of the second year.

Extra Materials Required Graphing Calculator– TI 84 family of calculators (district provided)

Course Name: **Algebra IB**

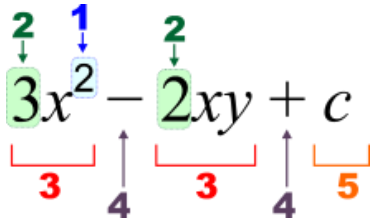
Prerequisites: Required – Algebra IA

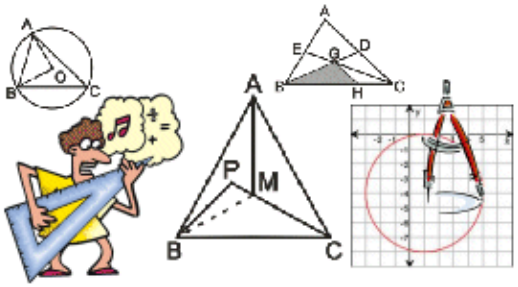
Length: Full Year Exam: Regents

Open to: Sophomores

Description: Algebra 1B is the second half of the two year Algebra course offered at Holland. At the end of this second year students will take the New York State Algebra Regents exam following NYS Next Generation Mathematics Learning Standards which is required for graduation. Topics included in this year's course include: linear, exponential, and quadratic functions, statistics, factoring, and solving quadratic equations. The last several weeks will be devoted to Final Exam preparation.

Extra Materials Required Graphing Calculator– TI 84 family of calculators (district provided)





Course Name: Geometry Essentials

Prerequisites: Required – successful completion of Algebra 1 or Algebra IA & 1B; pass the Algebra Regents Exam

Length: Full Year Exam: Local

Open to: Sophomores and Juniors

Description: The curriculum of this course will parallel that of the Regents course, but will be less rigorous. The classroom lessons and assignments will develop knowledge of geometry skills and facts. The approach to topics and problem solving, however, will be less formal and more exploratory.

Extra Materials Recommended:

Compass, ruler, scientific or Graphing Calculator– TI 84 family of calculators (district provided)

Course Name: Geometry

Prerequisites: Required – successful completion of Algebra 1 or Algebra IA&IB; pass the Algebra Regents Exam; teacher recommendation

Length: Full Year Exam: Geometry Regents

Open to: Sophomores and accelerated Freshmen

Description: Geometry is the second course of a three year sequence for an Advanced Regent's diploma. This course is fully aligned to NYS Next Generation Mathematics Learning Standards. Emphasis will be placed on congruence, similarity, transformations, trigonometry, coordinate geometry, and geometry of the circle. This class will conclude with a Regents Exam in June.

Extra Materials Recommended:

Compass, ruler, protractor, Graphing Calculator– TI 84 family of calculators (district provided)

Course Name: Next Generation Algebra II

Prerequisites: minimum grade of 85 in both Algebra I Regents exam and Geometry course.

Length: Full Year Exam: Regents

Open to : Juniors, Seniors

Description: The purpose of this course is to satisfy the Algebra II requirement of the Next Generation Mathematics Standards. This upper level course fits into an overall program of mathematics studies with a rigorous academic core by extending what students have learned in the introductory--level mathematics courses as well as introducing more advanced topics. These advanced topics include linear equations, inequalities, and systems, quadratic, polynomial, exponential, logarithmic, and Trigonometric functions, equations, and expressions. Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

Extra Materials Required Graphing Calculator– TI 84 family of calculators (district provided)

Course Name: Algebra IIA

Prerequisites: Required: Teacher Recommendation, Algebra I & Essentials of Geometry or Geometry

Length: Full Year Exam: Local

Open to: Juniors, Seniors

Description: Geometric, algebraic and trigonometric concepts are extended and connected to other advance topics. ***Juniors** who have successfully completed Essentials of Geometry and who wish to further develop trigonometry concepts before taking Algebra II may also enroll.

Extra Materials Required: Graphing Calculator– TI 84 family of calculators (district provided)

Course Name: Pre-Calculus

Prerequisites: Required: Min. final grade of 65 in Algebra II and pass the Algebra II Regents exam.

Length: Full Year Exam: Local

Open to : Juniors, Seniors

Description: This course is designed to prepare students for college calculus. Topics studied include polynomials, functions (exponential, logarithmic, trigonometric), advanced graphing, probability & matrices, conic sections, sequences and series, introduction to calculus. Graphing calculators will be utilized throughout the course to fully explore these topics. Upon successful completion of the course the student will be well prepared for an entry level college calculus course.

Extra Materials Required: **Graphing Calculator– TI 84 family of calculators (district provided)**

Course Name: AP Calculus (AB)

Prerequisites: Required: Pre-Calculus, 90% overall math average, 85% average in pre-Calculus, score 80% or higher on the Algebra II Regents exam, parental approval, agreement to take the AP exam

Length: Full Year Exam: **AP exam required (approx. $99)**

Open to: Seniors

Description: This course covers topics that would be discussed in a college calculus course. They include, derivatives, integrals, limits, functions, graphs and applications. Upon successful completion of the AP examination, students may earn college credit.

Extra Materials Required: **Graphing Calculator– TI 84 family of calculators (district provided)**

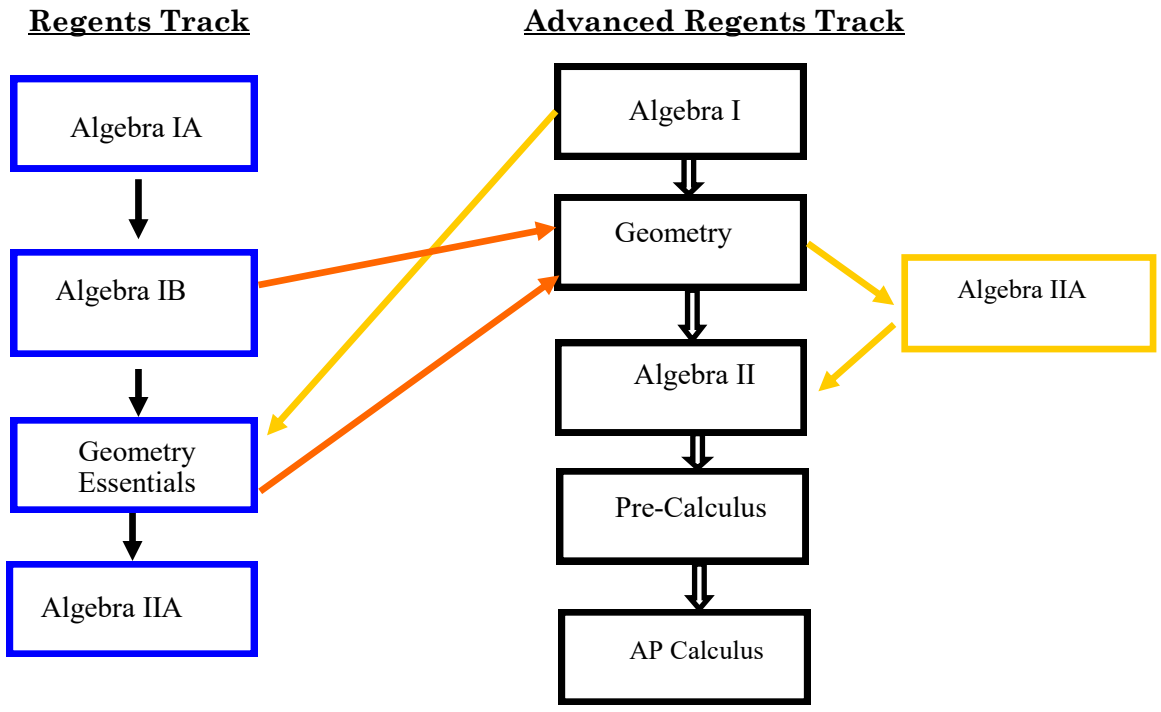
Course Name: Consumer Math

Prerequisites: Required: None

Length: Full Year Exam: Local

Open to: Juniors, Seniors

Description: Consumer Math prepares students to make better financial decisions in their future. Curriculum includes budgeting, personal banking and interest, taxes, credit cards, instruction on buying a car, mortgages and informed buying practices. This course focuses on the mathematics involved in making wise financial decisions.



Course Name: **Concert Choir**

Prerequisites: None

Recommended: Interest in singing and performing

Length: Full year Exam: Local

Open to: Freshmen, Sophomores, Juniors, Seniors-**(SATB)**

Description: Students will have the opportunity to learn and sharpen their music theory, sight-reading, count singing and choral skills. Skills acquired during these choir experiences become the cornerstone for a higher order of musical/vocal development and independence. Students in this choir have shown an understanding of basic music theory, as stated above. Students learn more difficult music composed of more sophisticated musical structures, texts, voicing and languages. Commitment to consistent attendance, "professional" behavior and high performance standards are stressed to prepare those students who wish to progress to the highest level of chorus. These students will have the opportunity to perform NYSSMA solos and audition to be placed in Area All State, Conference All State and All County choirs. This choir will perform at a Level IV NYSSMA Rating and will learn sight-reading at a Level IV. Both male and female students will participate in the Men's Ensemble and Women's Ensemble, which include the ladies and gentleman from all of the groups.

Course Name: **Concert Band**

Prerequisites: 3 years experience on major instrument

Recommended: 7th and 8th Grade Band

Length: Full Year Exam: Local

Open to: Freshman, Sophomores, Juniors, Seniors

Description: The Concert Band is comprised of instrumentalist in grades 9-12 who have developed their skills through the Middle School program. This course involves concert band/instrument lesson and concert performances. Students will have the opportunity to attend local and state solo festivals. The group raises funds to help pay for the annual fine arts trip. Each musician is treated as an individual with expected improvement during grades 9-12.

Extras Needed: Instrument/Supplies, Tuxedo Shirt and Bow Tie

Approximate Cost: $20

Extra Time Commitment: 2 hours of practice per week.
5-6 Concerts/Fine Arts Trip (Not required...but encouraged)

Course Name: **Jazz Band**

Prerequisites: 3 years experience on major instrument

Recommended: 7th and 8th grade Band/Jazz Band

Length: Full Year Exam: Local

Open to: Freshmen, Sophomores, Juniors, Seniors

Description: Any student who displays technical mastery of either the saxophone, trumpet, trombone, drum set, piano, bass or guitar (flutes and clarinets can also perform with ensemble). This group performs a Variety of styles: Latin, jazz, swing, calypso, rock, etc.

The ensemble performs at school concerts and events, community gatherings, and at school jazz festivals. Improvisation is a skill you'll develop during your coursework. Improvisation is creating your own melody based on a given chord structure.

Course Name: **Music Theory**

Prerequisites: Although there is no prerequisite, it is suggested that a student have some musical knowledge and/or participate in an ensemble.

Recommended: Sophomores, Juniors, Seniors

Length: Full Year Exam: Local

Open to: Freshmen, Sophomores, Juniors, Seniors

Description: The Music Theory course is designed to enhance music skills and basic music fundamentals. The essential aspects of melody, harmony, rhythm, and form are studied. Throughout the course of the year students will study basic notation, scales, key signatures, intervals, triads, cadences, non-chord tones, form, part-writing and analysis of a score. Aural dictation and ear training are also an integral part of the course and will be taught throughout the year. Individual creativity is nurtured through both rhythmic and melodic composition. This course is highly recommended for students in a musical ensemble, and is a prerequisite for AP Music Theory.

Course Name: **Physical Education**

State Requirements: 1/2 credit/year -1/4 per semester (total of 2 required for graduation

Local Requirements: 9th & 10th grades are separated from 11th & 12th

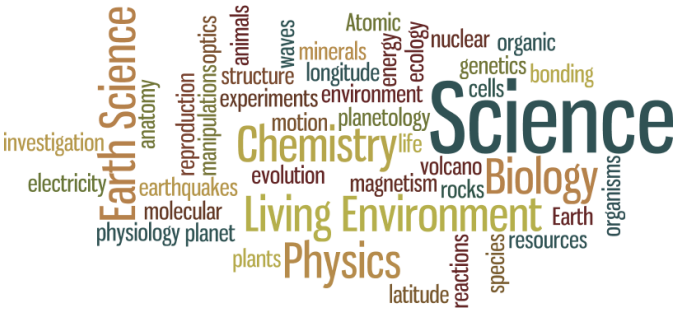
Length Full Year Exam: Local

Open to: Freshmen, Sophomores, Juniors, Seniors

Description: The mission of physical education is to enable all students to sustain regular, life long physical activity as a foundation for a healthy, productive, and fulfilling life.

Commencement–level students understand that practice, effort, and understanding are necessary to establish and maintain a high level of skilled performance. They are able to describe how mastery of fundamental movement forms and skills may contribute to daily living tasks and participate in analysis of skill activities (for self and others) as an assessment technique. Students should accept physical activity as an important part of their life and recognize such consequent benefits as self-renewal, greater productivity as a worker, more energy for family activities, and reduction in health care costs.

__Required dress:***__ Inside - loose fitting shorts T-shirts, socks, athletic sneakers;
Outside - sweat shirts or jackets, older sneakers, sweat pants



Course Name: **Earth and Space Science R**

Required: Lab and Class must be taken concurrently

Length: Full Year Exam: Regents

Open to: Freshmen, Sophomores, Juniors, Seniors

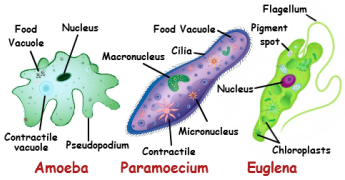
Description: Regents Earth Science is a course of study designed to encourage students to investigate their world through first hand experiences. It is one of the most relevant disciplines. Through this program, students should gain new understandings of the world around them, and the processes of change. By investigating the systems of the Earth and their interactions, students can learn to appreciate the dynamic equilibria of our planet. Students should also grow to understand their dependence upon the Earth, with its finite resources, and its limited ability to recover from abuse. This course presents a program for the integration of scientific principles and attitudes necessary to become an informed and scientifically literate citizen.

The development of knowledge in Earth Science is emphasized through problem-solving activities and hands -on labs. Skills developed in this course include: observing and inferring, measuring, classifying, creating models, applying mathematics, developing vocabulary, identifying variables, interpreting and analyzing data, drawing relationships and manipulating both ideas and materials.

The units (topics) studied are: *The Earth* - earth size, shape and structure, latitude & longitude, topographic maps. *Minerals and Rocks* - formation of, properties of, uses of. *Dynamic Crust* - earthquakes, volcanoes, continental drift. *Weathering, Erosion and Deposition. Earth History* - geologic time and change. *Meteorology* - almost all weather phenomena including forecasting. *Water Cycle and Climates* - including groundwater. *Earth in Space* - earth motions and seasons, phases and eclipses of the moon, planetology and structure of the universe. *Stewardship* - environmental issues including: global warming, ozone depletion and acid rain.

The completion of a minimum of 1200 minutes of satisfactory laboratory work (including a written record) is required before the state examination can be taken.

Course Name: **Biology R**

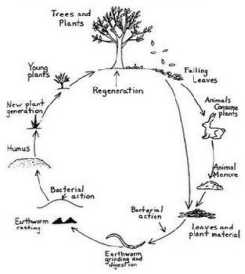


Prerequisites: Required: Lab and class must be taken concurrently

Length: Full Year Exam: Regents

Open to: Freshmen, Sophomores, Juniors and Seniors

Description: Living Environment introduces students to the basic biological concepts and stresses the vital connection of biology to technology and our everyday lives. There are 7 key ideas that this course revolves around:



1. Living Things are both similar and different from each other and other living things.
2. Organisms inherit genetic information in a variety of ways.
3. Individual organisms and species change over time.
4. The continuity of life is sustained through reproduction.
5. Organisms maintain a dynamic equilibrium that sustains life.
6. Plants and animals depend on each other and their physical environment.
7. Human decisions and activities have had a profound impact on the physical and living environment.

These ideas are presented and integrated during the year through the study of cell biology, biochemistry, reproduction, genetics, human anatomy and physiology, evolution, and ecology. The goals of this course are to:

- Prepare the student with a solid foundation necessary to cope with the expanding role of biology in society.
- Prepare the student to successfully challenge the NYS Regents exam on "The Living Environment".

As with any Regents science course, the completion of a minimum of 1200 minutes of satisfactory laboratory work, including a written record, is required before the student may challenge the Regents exam.

Course Name: **Chemistry R**

Prerequisites: Earth Science, Living Environment, Geometry

Recommended: taking Advanced Algebra & Trigonometry (or instructor's permission)

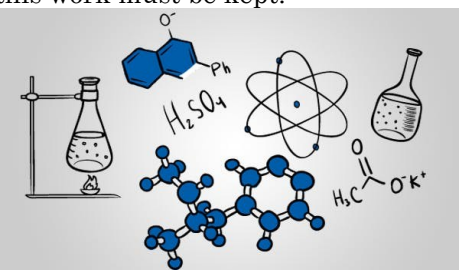
Length Full Year Exam: Regents

Open to: Juniors, Seniors, accelerated Sophomores

Description: Regents Chemistry is a course of study that encourages students to discover scientific concepts through experimentation and investigation. Through this investigation of the concepts, students will discover the practical implications of chemistry and how this science connects itself to all of the other areas of science. Regents Chemistry is a "must" for any student seeking a career in a STEM field.

Topics that will be discovered in this course include: atomic structure, molecular structure, chemical bonding, periodic table, oxidation & reduction, kinetics, thermochemistry, acid and base reactions, organic chemistry and nuclear chemistry. Students will be expected to not only learn these topics but to investigate these topics through first hand experiences and relate them to everyday life.

Laboratory work is a significant part of this course. Students are required to complete a minimum of 1200 minutes of satisfactory laboratory work before they may challenge the State Regents Chemistry exam. A written record of this work must be kept.



The goals this course are to:

- *develop in students the ability to use scientific inquiry to pose questions, seek answers and develop solutions and conclusions not only in chemistry but in everyday situations*
- *have students understand how common themes in chemistry are connected to other areas of learning and have them apply and have them apply these themes to other areas*
- *prepare students to successfully challenge the NYS Regents in Chemistry*

Course Name: **Physics R**

Pre requisites: Required: Earth Science, Living Environment, Geometry, Chemistry (or instructor's permission)

Recommended: Taking Advanced Algebra and Trigonometry (or instructor's permission)

Length: Full Year Exam: Regents

Open to: Juniors, Seniors

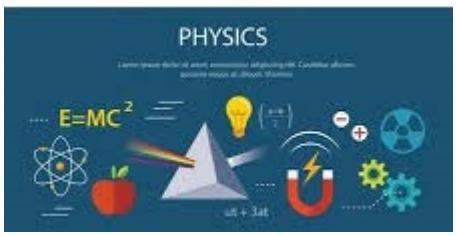
Description: Regents Physics is a course of study that encourages students to discover how energy and motion relate to one another through experimentation and investigation. Through this investigation of the concepts surrounding energy and motion, students will discover the practical implications of physics. Regents Physics is a "must" for any student seeking a career in the sciences, both medical and mechanical.

Topics that will be discovered in this course include: objects in motion, work, electricity and magnetism, optics and waves. Students will be expected to not only learn these topics but to investigate them through first hand experiences and then relate them to every day life.

Laboratory work is a significant part of this course. Students are required to complete a minimum of 1200 minutes of satisfactory laboratory work before they may challenge the NYS Regents Physicist exam.

The goals of this course are to:

- *Develop in students the ability to use scientific inquiry to pose questions, seek answers, and develop solutions and conclusions, not only in Physics, but in everyday situations.*
- *Have students understand how common themes in Physics are connected to other areas of learning and have them apply these themes*
- *Prepare students to successfully challenge the NYS Regents in Physics.*



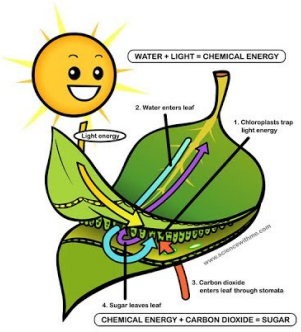
Course Name: Dual Enrollment Biology/AP Biology

Prerequisites: Living Environment (90% or above on Regents examination)
Chemistry (80% or above on the Regents examination) Physics (can be taken concurrently) Teacher Advisement

Length: Full year Exam: **AP exam required (approx. $99)**

Open to: Seniors, accelerated Juniors

Description: This course is designed to be the equivalent of a college introductory biology course. It is significantly different than the Living Environment course with respect to the textbook, range and depth of topics, lab work and time and effort required by students. Topics include biochemistry, cells, cellular energetics, photosynthesis, molecular genetics, cell reproduction, heredity, biodiversity, plants, animal structure and function, evolution and animal behavior and ecology.
Students are required to take the AP exam.



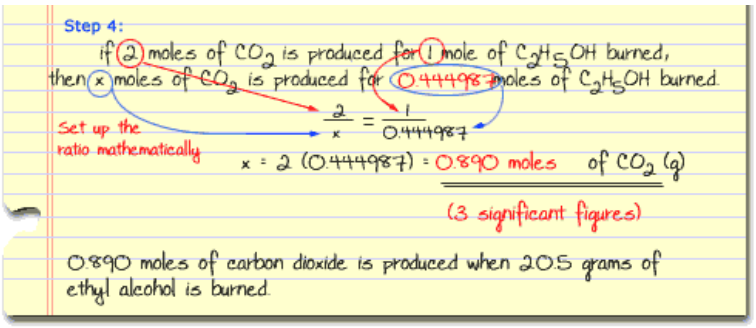
Course Name: AP Chemistry/Buffalo State Chemistry

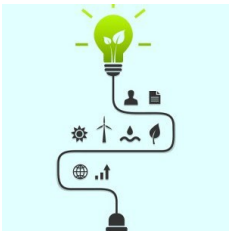
Prerequisites: Three laboratory science courses, including Regents Chemistry, as well as Regents Algebra II (Regents Physics and Pre-Calculus strongly recommended, and may be taken concurrently)
Teacher Recommendation

Length: AP is Full year Exam: AP Exam required in May (approx. $99)
ECC: Two 20 week sessions Exam: American Chemical Society (late May/early June) $250

Open to: Seniors, Juniors accelerated in both math and science

Description: The Advanced Placement/College course in Chemistry meets the objectives of a general Chemistry course at the college level, and is designed to build on the foundation learned in Regents Chemistry. Students in such a course will attain a depth of understanding of fundamental concepts and a reasonable competence in dealing with chemical problems. The course is designed to contribute to the development of the student's ability to think clearly and to express ideas, orally and in writing, with clarity and logic. This course differs from the Regents course with respect to the kind of textbook used, the depth of topics covered, the emphasis on chemical calculations, the mathematical formulation of principles and the kind of laboratory work done. Quantitative differences appear in the time spent in the course and experiments done in the laboratory. Many new laboratory skills will be learned including competence in the use of data collecting instrumentation.
AP Chemistry students may receive college credit depending on their AP Test Score and the policy at the college he/she has selected to attend. Buffalo State credit is transferable to all SUNY colleges (and many private colleges) for students scoring a 74/"C" or higher course grade. Course credit for Buffalo State is 3 credits per semester for class and 1 credits per semester for lab. Students can choose to take the course as an AP course, Buffalo State course or both.





Course Name: **Buffalo State Environmental Science**

Prerequisites: Earth Science and Living Environment, Traditional: Applied Science Completion. Advanced: completion of Regents Chemistry and Regents Physics (may be taken concurrently)

Length: Full year

Open to: Juniors and seniors

Description: A Science elective course that covers a diverse array of environmental issues presented with particular attention to the concepts of energy and its role in the environment, pollution, population, resource use and the balance of man-made environment. Student will build research skills using actual laboratory data collection. This course offers 4 credits from Buffalo State College, grades of 74 or higher transfer to SUNY institutions for students that select to pay the course tuition of approximately: $250

***Students who are failing during the first two quarters will be removed from the class and added to Applied Science.

Course Name: **Applied Science**

Prerequisites: Required: Earth Science or Living Environment (both are recommended)

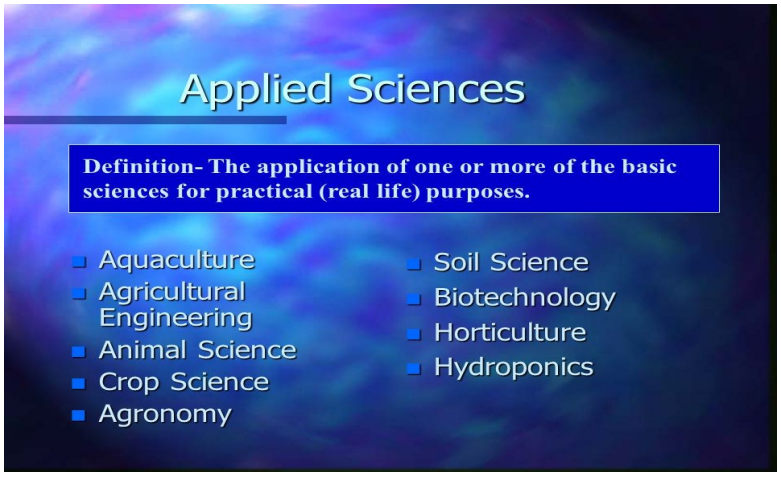
Length: Full year Exam: Local

Open to: Juniors, Seniors

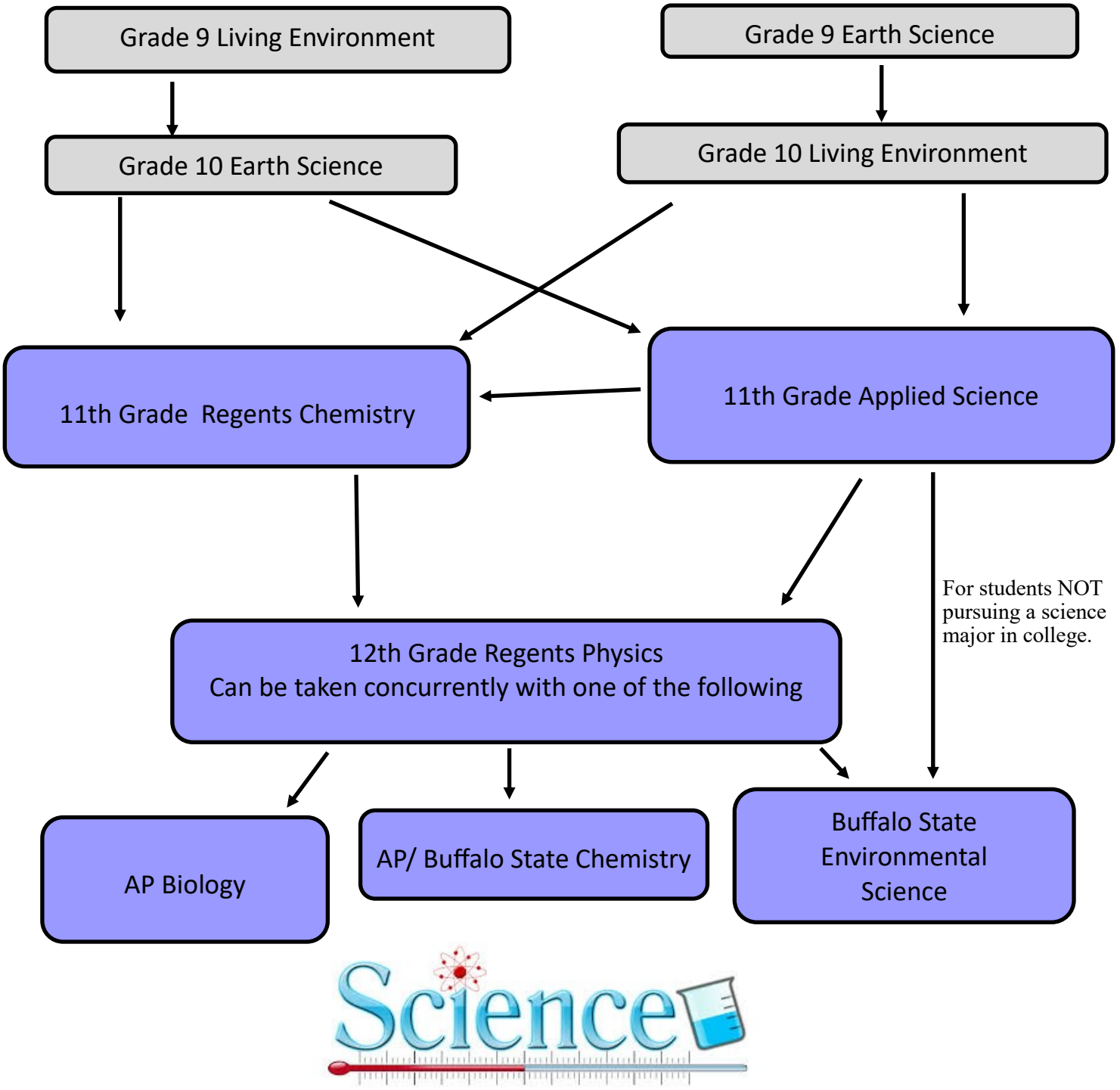
Description: This course will enable students to study the following High School Physical Science concepts:

- Structure and Properties of Matter
- Waves and Electromagnetic Radiation
- Forces and Interactions
- Energy in the context of real-world application of content

Student will build research skills using on-line sources and actual laboratory data collection. Students will build analytical and presentation skills in light of current scientific knowledge, past scientific history, and hands-on laboratory experiences. Students will carry out scientific experiments with a purpose, using the scientific methods to solve problems and affect change at the school.



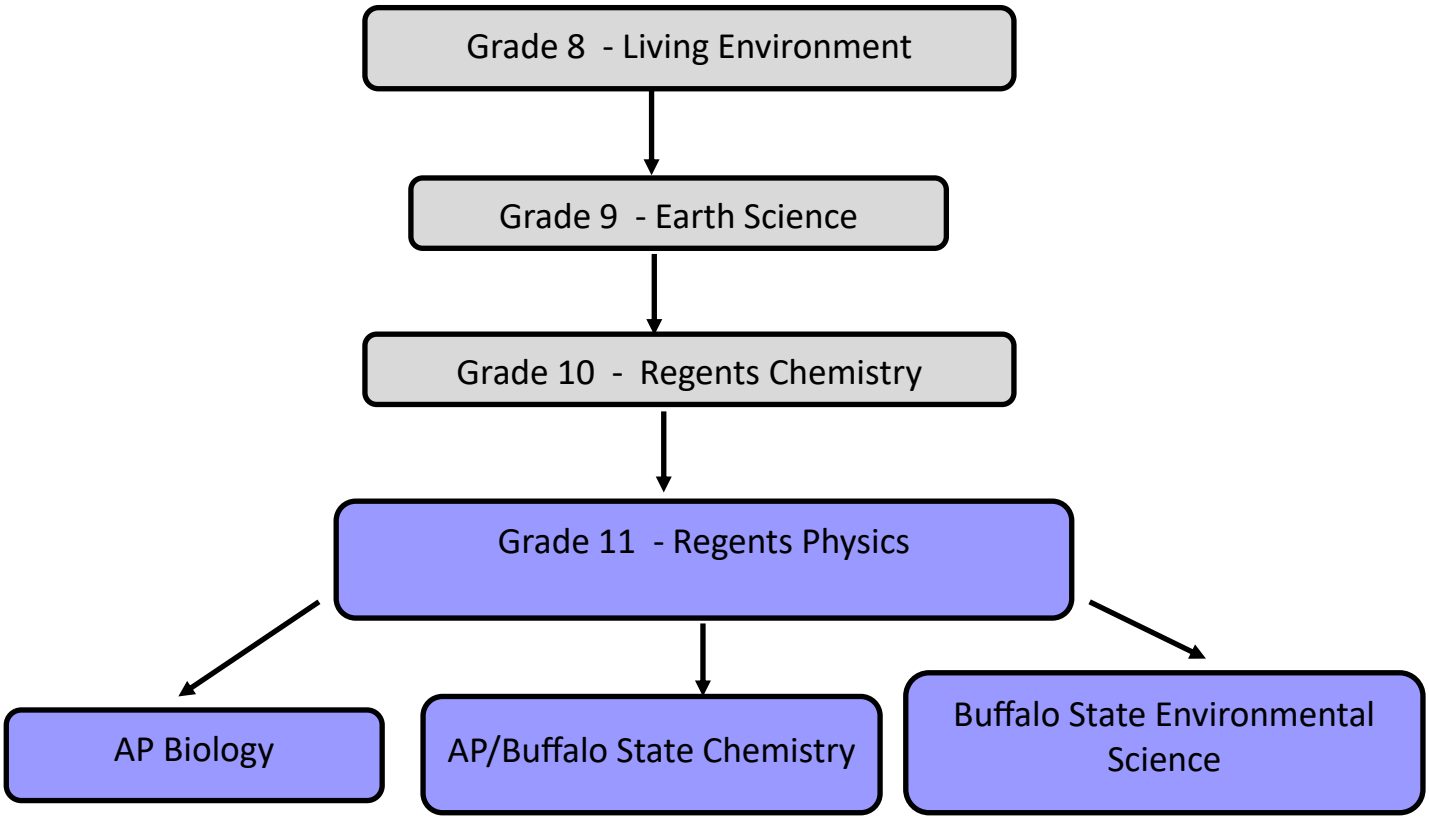
Traditional science student

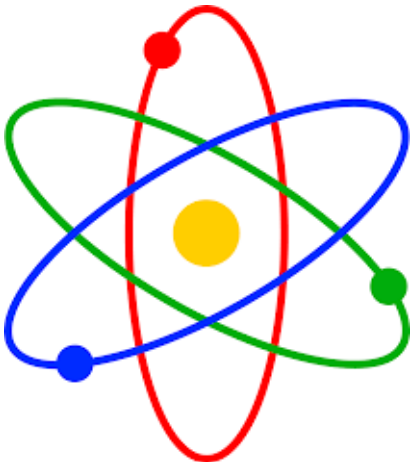


Parents and students please note:

1. It is extremely important to select a track that matches the student's math abilities.
2. **College Board strongly recommends that all students should take all four sciences (Earth Science, Living Environment, Chemistry and Physics) before entering college**.
3. Juniors need to be sure to check for college prerequisites

Advanced Science Student





Parents and students please note:

1. It is extremely important to select a track that matches the student's math abilities.
2. **College Board strongly recommends that all students should take all four sciences (Earth Science, Living Environment, Chemistry and Physics) before entering college**.
3. Juniors need to be sure to check for college prerequisite
4. AP/Buffalo State Science courses may be taken in 11th grade if taken concurrently with Physics.

Course Name: Global History I & II

Exam: Regents

Prerequisites: Required courses for graduation

Length: Full Year Each Exam: See Below

Open to: Freshmen, Sophomores

Description: A chronological study of the cultures and peoples of the world from Stone Age Man, development of Religions, the Renaissance, to the Modern Era, excluding U.S. history. Various social science methods are used (History, Geography, Economics, Anthropology Political Science) to develop an understanding of the topics. Global I is now a stand alone course, based chronologically from the Paleolithic Era up to 1750ce, and there will be a local exam offered at the end of the freshman year. Global II goes from 1750-modern era and now has the new one year regents exam based on the new NYS common core curriculum with more of a focus on item analysis and primary source critique. There will be a focus on "enduring issues" in history over time.

Course Name: AP World History: Modern

Prerequisites: 8th Grade Teacher Recommendation

Length: Two Years Exam: Regents and Advanced Placement (required)

Open to: Freshman AP Fee: approx. $99 in sophomore year

Description: This course is a 2 year college level course intended for students who have an interest in history and globalization. The course is titled Global IH in freshman year and AP World History in the sophomore year. Students will be expected to demonstrate knowledge of basic chronology and of major events and trends from roughly 1200ce up through modern times. Throughout the course, students will keep in mind five major themes that will serve to unify the ideas presented. These themes include:
1.Political governance, 2.Innovation & Technology, 3.Environmental Impact, 4.Cultural Development, 5.Creation, expansion and interaction of economic systems, 6.Social interactions

With these themes, students will connect with the dynamics of continuity and change across the historical periods included in this course. Students are required to complete both years of study. At the end of the sophomore year, students are required to take both the AP exam (student payment required) and the New York State Regents exam. Colleges may award credit based upon the AP exam score, depending upon their policies.

Course Name: U.S. History

Prerequisites: Successfully complete Global I & II

Length: Full Year Exam: Regents

Open to: Anyone who completes pre requisite courses (typically 11th grade)

Description: This is a general review of United States history with a strong emphasis on the U.S. Constitution and the period from 1850– to 2000. Students will have a better understanding of contemporary issues if they understand the recent past.

Course Name: AP U.S. History

Pre requisites: Achieved final grades of 85+ in Global History I & II, US History R, as well as teacher recommendation

Length: Full Year Exam: Local & AP exam required – approximate fee $99

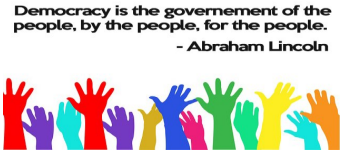
Open to: Seniors/Select Juniors (Juniors will take a regents exam as well)

Description: A challenging course designed to be equivalent of a freshmen college American History course. The course begins with a brief overview of Columbus and the development of the American colonies. All areas of US History are investigated, including social, political, economic, intellectual and cultural history. Emphasis is placed on analytical writing, class discussion, use of primary sources, and critical reading. The students have the opportunity to earn college credit with the successful completion of the Advanced Placement exam in May.

Course Name: **Economics**

Prerequisites: None Length: Semester
Exam: Local Open to: Seniors

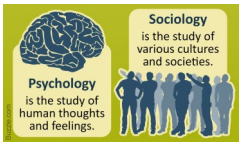
Description: "Economics, the Enterprise System, and Finance" examines the principles of the United States free market economy in a global context. Students will examine their individual responsibility for managing their personal finances. Students will analyze the role of supply and demand in determining the prices individuals and businesses face in the product and factor markets, and the global nature of these markets. Students will study changes to the workforce in the United States, and the role of entrepreneurs in our economy, as well as the effects of globalization. Students will explore the challenges facing the United States free market economy in a global environment and various policy-making opportunities available to government to address these challenges



Course Name: **Participation in Government**

Prerequisites: None Length: Semester
Exam: Local Open to: Seniors

Description: This course aims to provide students with opportunities to become engaged in the political process by acquiring the knowledge and practicing the skills necessary for active citizenship. Content specifications are not included, so that the course can adapt to present local, national, and global circumstances, allowing teachers to select flexibly from current events to illuminate key ideas and conceptual understandings. Participation in government and in our communities is fundamental to the success of American democracy.



Course Name: **Sociology**

Prerequisites: None Length: Semester
Exam: Local Open to: Juniors, Seniors

Description: An introductory course in Sociology focusing on social relationships, behavior and problems. Designed to develop a basic understanding and sensitivity to social issues and research. Topics that will be covered will include aspects of culture, cultural change, socializing the individual, genealogy, crime, gender issues and racial issues.

Course Name: **Psychology**

Prerequisites: None Length: Semester
Exam: Local Open to: Juniors, Seniors

Description: An introductory course examining the psychological theories of human behavior. Basic concepts, methods of study and application research will be emphasized to give students a greater understanding of themselves and others. Career options will also be explored. Various mental health issues and mental disorders will also be studied.

Course Name: **Civic Engagement and Leadership**

Prerequisites: None Length: Semester
Exam: Local Open to: Juniors, Seniors

Description: A social studies course focused on students who have a desire to work towards the Seal of Civic Readiness (but not limited to). Students will be challenged to be more civic minded and engaged with their local community, government and school district. Opportunities will be given in class for community service outreach, government focused field trips and allowing students to participate in/work on service/civic projects. Analyzing sources of information (bias), comparing diverse viewpoints and participating in political and social debates will be a common theme. Students will strive to become more informed and engaged citizens. Points towards the Seal of Civic Readiness can be achieved during this course.

Course Name: **1960'S**

Prerequisites: Interest in subject
Length: Semester Exam: Local
Open to: Juniors, Seniors

Desription: This course will cover the time period of the 1960's using the lense of politics, music, sports, and culture. Main topics that will be explored include the Cold War (space race/Cuban Missile Crisis), Civil Rights movement, social activism/protest movements, women's liberation movement, the Vietnam War and music of the 60's. Students will be active in debates, research and group presentations of topic information to classmates. The course will give historical context and an understanding of our American culture/politics today through the understanding of this turning point time period of our history.

Course Name: **History of Sports**

Prerequisites: Interest in Subject

Length: Semester

Open to: Juniors & Seniors

Description: This history elective class will examine the development of sport(s) in America. Our historical study will focus on helping students gain a better understanding of the inner relationship that sport has on social, economic, cultural and political forces that are at work in the United states as well as the world. We will examine the historical context as well as the significance of gender, race, ethnicity and social class.

Course Name: **Women's Study**

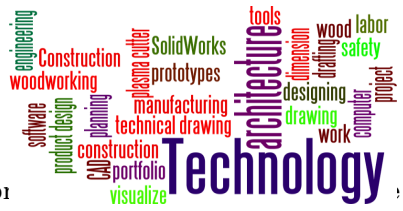
Prerequisites: Interest in Subject

Length: Semester

Open to: Juniors & Seniors

Description: This Team Taught, engaging course explores the experiences, contributions, and evolving roles of women in U.S. and global history through the study of historical events, primary documents, literature, and personal narratives. Readings include essays and documents drawn from academic articles, primary texts, and scholarly writings, which will be discussed throughout the semester. Students will engage in independent and collaborative projects, discussions, hands-on activities, and potential field trips while developing strong critical thinking and research skills.

Course Name: **Architecture**



Prerequisites: None
Length: Semester
Exam: Project or Portfolio
Open to: Freshmen, Sophomores, Juniors, Seniors

Description: Students learn about some of the most common architectural styles fro designing their own floor plans for a modern home. Students will become familiar with concepts and sizing needed to have a house that flows smoothly and will then design their house using Autodesk Revit. Students will also build a scale model of their house using proper framing techniques.

Course Name: **CADD 1 (Design & Drawing for Production)**

Prerequisites: None
Length: Full Year
Open to: Freshmen, Sophomores, Juniors, Seniors

***** This course can be used to fulfill the NYS art requirement *****

Description: This will be an introduction to the use of the computer aided design programs, the application of the computer to generate designs and drawing, the utilization of mechanical drawing principles, and the use of a computer as a design tool. Even though the CADD software will be the primary focus of this course, many different types of software and hardware will be experimented with during this class. These include Solidworks, Inventor, Eiger, and many more. Students will even have the opportunity to make their designs come to life using the 3D printer! The goals of this class are to familiarize students with computer skills needed in the design field and to encourage problem solving and critical thinking skills.

Course Name: **CADD 2**

Prerequisites: Required: CADD 1 or Instructor Recommendation
Length: Full Year
Open to: Sophomores, Juniors, Seniors

Description: No matter how much technology alters the tools of drafting and design, knowledge of the concepts remains the foundation to a successful career. Therefore, this course, like CADD 1, heavily emphasizes the basic elements and concepts of drafting while providing many experiences to hone design and computer skills. During this course, students will have the opportunity to see their designs come to reality by using the 3D printer and the tools and machines of the shop, including the plasma cutter, welder, and woodworking tools. This course is meant to take CADD 1 students to the next level of making their designs come to life!

Course Name: **CADD 3**

Prerequisites: Required: CADD 2, or Instructor Recommendation
Length: Full Year
Open to: Juniors, Seniors

Description: This course is for motivated students who have completed CAD 2. This class will build upon the drawing and engineering skills students have gained to this point. Students will complete several advanced designs and use their drawing skills to create full size projects/parts using necessary shop equipment. Some projects will be based on individual student interests.

Course Name: **Construction Systems**

Prerequisites: None
Suggested: Architecture
Length: Semester
Exam: Project or Portfolio
Open to: Freshmen, Sophomores, Juniors, Seniors

Description: It takes several skilled trades to build a house or even maintain a building. This course will focus on two of them, carpentry and electrical wiring. It is an intensive course where students will build and wire an actual structure. Students will learn the following: safety, the framing members of a house and how these parts fit together, terminology of each field, blueprint reading, estimating, basic electricity, house wiring, and much more. This course gives students an opportunity to apply Math, Science and English skills in a real life experience. Career opportunities in each trade will be explored, and necessary skills will be identified.

Course Name: Creative Trades

Prerequisites: Woodworking or Furniture Design required, CAD recommended
Length: Semester
Open to: Freshmen, Sophomores, Juniors, Seniors
Description: : This course introduces students to a variety of creative trades that blend craftsmanship, design, and hands-on problem solving. Students will explore traditional and contemporary techniques across multiple materials, which may include wood, glass, metal, and mixed media. Possible areas of study include marquetry, stained glass, decorative metalwork, and other artisan processes. Emphasis is placed on tool safety, material properties, design planning, and craftsmanship. Through project-based learning, students develop creativity, technical skills, and an appreciation for skilled trades as both artistic and career pathways. This class is for students who hold a high interest level in hands-on design and construction.

Course Name: Electricity

Prerequisites: none
Length: Semester
Open to: Freshmen, Sophomores, Juniors, Seniors
Description: This course covers the basics of AC (alternating current) and DC (direct current). Students will learn commonly used terms and components of AC electrical work, and wire a wall section with lights, switches, and outlets, as it would be found in a residential home. Students will also learn calculations needed to successfully design an AC circuit to meet specific load requirements. After AC electrical, the course will move to DC where students will learn about series and parallel circuits, learn to solder, and design a final project that incorporates a DC circuit.

Course Name: Furniture Design and Production

Prerequisites: Woodworking
Length: Semester
Exam: Project or Portfolio
Open to: Sophomores, Juniors, Seniors

Description: This course will introduce the beginning furniture and cabinetmaking student to the various stages of construction and assembly of wood products and related materials. This course is intended to provide students with the knowledge and skills necessary to design, construct, and finish furniture and/or cabinets in the woodworking industry. Through the course activities the student will gain an understanding of safety procedures, machine operation, and industrial applications. The appropriate use of technology and industry-standard equipment is an integral part of this course.

Course Name: Motorsports

Length: Semester
Open to: All grades
Description :This course will focus on the repair and performance modifications of motorsport-related machines. These machines may include but are not limited to – ATV's, snowmobiles, go-karts, Side by Sides ect…. Students will learn how to diagnose and repair machines based on what is in need of repair at the time. This course will operate as if it were a repair shop. Students will complete work orders, provide estimates, and keep records as if they were the owners and operators of a real motorsports repair service. While the course focuses on mechanical repair, students will also learn and practice other skills such as Math, English, critical thinking, and much more.

Course Name: Robotics

Prerequisites: none
Length: Semester
Open to: Freshmen, Sophomores, Juniors, Seniors
Description: This is a beginning course in robotics. The objective is to introduce students to basic programming as well as problem solving strategies. This course will involve students in the development, building, and programming of multiple working robots. Students will work hands-on in teams to design, build, program, and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision-making, timing sequences, propulsion systems, and binary number systems. Student designed robots will be programmed to compete in various courses or challenges.

Course Name: **Vehicle Maintenance**

Prerequisites: None

Length: Semester

Exam: Project or Portfolio

Open to: Freshmen, Sophomores, Juniors, Seniors

Description: This course introduces students to the fundamentals of vehicle maintenance and basic automotive systems, covering a variety of topics to teach students how to maintain their own car. The goal is for students to understand common problems to look for when buying a car, know how to troubleshoot, and be able to save a buck doing things themselves. The topics we cover are flexible and will depend on the prior knowledge of the group of students as well as what car troubles students have to bring to class with them. Students will likely have the opportunity to bring their own vehicle in to do repairs or use it as a model for demonstration!

Course Name: **Woodworking**

Prerequisites: None

Length: Semester

Exam: Project or Portfolio

Open to: Freshmen, Sophomores, Juniors, Seniors

Description: This course is perfect for students who are interested in fine woodworking and the manipulation of various different materials. Tool and machine safety, wood joinery, and proper woodworking techniques will be the main emphasis of this class. Extensive projects may require students to pay for some of the cost. Safety glasses will be required.

Ormsby Educational Center
2025-26 Career and Technical Program Offerings

All programs are two year programs with the first year students attending in the PM session and the second year students attending the AM session.

Automotive Body Repair

Students enrolled in Automotive Body Repair develop entry-level skills in a shop setting similar to commercial auto collision repair shops. Students hone their skills in metal straightening, aligning, replacing, MIG welding, body filling, painting, buffing, and detailing. Students practice their skills in the paint spray booth as well as with equipment and tools used in the collision repair industry. Areas of study include: cooling and electrical systems, sheet metal/glass replacement and repair, plastic repair, paint equipment and spray technologies, tool and equipment use, vehicle buffing, detailing, custom painting, and safety. This program also focuses on material usage, record-keeping, damage estimation, and job costs as students write their own collision estimates as well as order and manage supplies. Students enrolled in this program may work on their own vehicles after developing their skills on an assortment of assigned projects. Students participate in internships with industry professionals near the center they attend including car dealerships, detail shops, collision shops, custom fabrications shops and retail part sellers. This program prepares students for postsecondary education and maintains articulation agreements with the following higher education partners: Alfred State College, Bryant & Stratton College, Erie Community College, SUNY Morrisville.

Automotive Technology

Automotive Technology provides students with real-world work experience in automotive service and repair shops. Students work with power tools, electronic diagnostic equipment, computerized front-end machinery, and emissions test equipment. Students study fuel injection systems, computer control systems, and all aspects of vehicle repair. Other jobs performed in the shop involve tire, wheel, and alignment servicing; steering systems and suspension servicing; repairing/ maintaining electrical, brake, exhaust, air conditioning, and powertrain systems; and participating in all aspects of engine diagnosis and repair. Students participate in internships with industry professionals near the center they attend including car dealerships, automotive repair shops, and retail parts companies. Upon completion of this program, students are eligible to take the National Institute for Automotive Service Excellence (ASE) tests in several different areas. This program prepares students for postsecondary education and maintains articulation agreements with Alfred State College, Bryant & Stratton College, Erie Community College, SUNY Delhi and the University of Northwestern Ohio.

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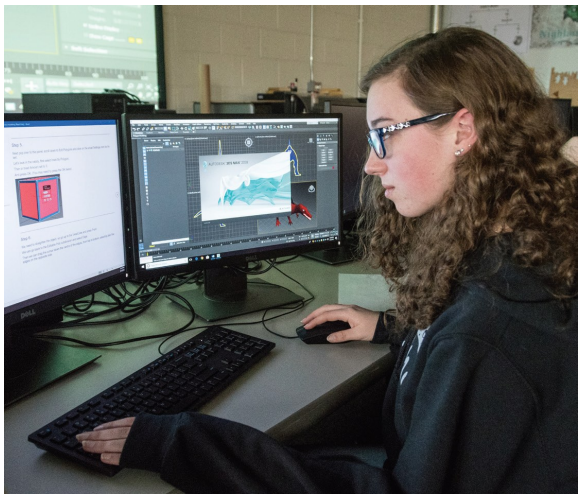

Computer Assisted Design & Drafting (CADD)

Computer-Assisted Design and Drafting is designed for students with interests in architectural applications, mechanical drawing, engineering, or graphic design. Students use state-of-the-art industry software applications such as AutoCAD 2000, Pro/Desktop, 3-D Studio Max, and SolidWorks. An emphasis is placed on the development of advanced computer drafting skills, such as coordinate drafting and 3D modeling. Areas of study include: geometric construction, dimensioning, orthographic construction, geometric dimension and tolerance.

Students have participated in internship opportunities at Moog Inc., architectural design firms, and Fisher Price. This program prepares students for postsecondary education and maintains articulation agreements with the following higher education partners: Alfred State College, The Art Institute of Pittsburgh, Bryant & Stratton College, Erie Community College, Pittsburgh Technical Institute, and Trocaire College.

Conservation/Natural Resource Management

Conservation prepares students for a wide variety of careers involving the development and protection of natural resources. Instruction takes place both inside the classroom, in greenhouses and in outdoor labs that include areas for heavy equipment operation and practice. Students enrolled in the program will learn about forestry, wildlife, and watershed management; landscaping principles and design; tree and shrub identification; hydroponics; parks and recreation planning and operation; plant identification and propagation; and greenhouse management. Additional areas of study include: soil and fertilizer analysis, chemical safety, soil and land classification, Geographic Information Systems, and conservation practices. Students will also learn to operate and maintain heavy equipment, vehicles, power tools, and machinery used in the conservation field.

Students have opportunities for internships with contractors using heavy equipment, paving and landscaping companies, greenhouses and nurseries, town highway and water departments; NYS DEC wildlife and fisheries departments; and heavy equipment/diesel truck mechanic shops. This program prepares students for postsecondary education. Students can earn 3 college credits for Introduction to GIS from SUNY Fredonia.

Additionally, the program maintains articulation agreements with the following higher education partners: Alfred State College, Bryant & Stratton College, Erie Community College, SUNY Cobleskill, SUNY Delhi, and Trocaire College.

Construction Technology

Students enrolled in Construction Technology gain a background in carpentry, electrical work, plumbing, masonry, and blueprint reading which prepares them for a variety of construction-related occupations. Students will learn proper use of hand/power tools, safety procedures, construction procedures, and blueprint reading. Areas of study include: framing and stair construction, roofing and siding, plumbing and heating systems, residential wiring, rough and finished masonry, footings and foundations, and interior/ exterior finishing.

Students also take a 10-hour safety course through OSHA. Students are able to develop their skills through community building projects and internship opportunities at local construction, electrical, concrete, and lumber companies. Students are prepared to earn a variety of certifications and licenses, such as: the Power-Actuated Tools Operator license from Hilti Tools and the Insulated Concrete Form Installation certification through LOGIX ICF. This program prepares students for postsecondary education and maintains articulation agreements with the following higher education partners: Alfred State College, Bryant & Stratton College, Erie Community College, SUNY Delhi, and Trocaire College.

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Cosmetology

Students enrolled in the Cosmetology Program learn a variety of hair and makeup techniques and beauty treatments. Areas of study include: hair coloring, perming, cutting, and styling and nail care including pedicures, manicures, and artificial nail application. All instruction emphasizes safety and sanitation. Students also learn customer service skills and business planning and practices. Students develop and practice their skills during regular weekly clinics where the public is invited to make appointments for services. The course of study is designed to teach students the theory and practical skills necessary to prepare them for the New York State Cosmetology Licensing Exam. Students have internship opportunities in local salons. To become licensed, students must acquire 1,000 hours of instruction and practical experience and may seek employment immediately upon graduation or pursue more advanced levels of training. This program prepares students for postsecondary education and maintains articulation agreements with the following higher education partners: Bryant & Stratton College, Erie Community College, and Trocaire College.

Career & Technical Exploration (CDOS) and Multi-Occ

Career & Technical Exploration (CDOS) and Multi-Occ is for students seeking a CDOS credential and provides a wide range of career options and work experience opportunities. Multi-Occ offers similar options and allows students an opportunity to earn Skills and Achievement Credential.

Criminal Justice/ Crime Scene Investigation-Forensics

Criminal Justice is designed for students interested in the areas of criminal justice, law enforcement or public/private security. This program provides students with a foundation in legal theory and the enforcement of criminal law. All aspects of police work are thoroughly explored, from the identification and apprehension of offenders to the trial system and corrections. Areas of study include all phases of the criminal justice process, forensics, firearms safety, first aid, and community service. Students will learn patrol functions, motor vehicle stops, insurance fraud and loss prevention, safety precautions and hazardous material handling, and fire protection. Students have opportunities for internships with local police and sheriff's departments, village and town courts, and private security firms. This program prepares students for postsecondary education. Students can earn 3 college credits for Introduction to GIS from SUNY Fredonia. Additionally, the program maintains articulation agreements with the following higher education partners: Bryant & Stratton College, Erie Community College, Herkimer College, Hilbert College, Pittsburgh Technical Institute, and Trocaire College.

Culinary Arts/Hospitality Management

Students enrolled in Culinary Arts learn essential components of the foodservice and hospitality industry including menu planning, food preparation, cutting techniques, recipe conversion, equipment operation, baking, and ice carving. In addition, students develop their understanding of cost analysis, dining service, and banquet and buffet skills. The program is designed to prepare students for a variety of careers, from the short-order cook and specialty chef to the restaurant or banquet manager. The curriculum emphasizes sanitation training, Hazard Analysis and Critical Control Points (HACCP) principles and kitchen safety. Students have the opportunity to pursue internships with area bakeries, restaurants, artisanal food shops, grocery stores, and food service industry businesses. This program prepares students for postsecondary education and maintains articulation agreements with the following higher education partners: Alfred State College, Bryant & Stratton College, The Art Institute of Pittsburgh, Erie Community College, Johnson and Wales University, Morrisville State College, Niagara County Community College, Pittsburgh Technical Institute, SUNY Cobleskill, and Trocaire College.

ORMSBY EDUCATIONAL CENTER

Health Careers

The Health Careers Program provides students with entry-level skills, valuable industry certifications and the opportunity to have first-hand experience working in a variety of healthcare-related fields. Students study basic anatomy and physiology, diseases and disorders, medical terminology, medical ethics, nutrition, geriatrics, child development, infection control, maternal/child health, first aid, physical therapy, and pharmacology. Students practice performing basic nursing procedures and function as part of a health care team. Clinical experiences allow students to explore different areas of the healthcare field. Students receive Red Cross Certification in First Aid and CPR and have the preparation and opportunity to sit for the NYS test for licensure as a Certified Nurse's Assistant (CNA). Students have the opportunity to participate in internships with local hospitals, assisted living centers, and child and adult daycare centers. This program prepares students for postsecondary education and maintains articulation agreements with the following higher education partners: Bryant & Stratton, E2CCB LPN Program, Erie Community College, Pittsburgh Technical Institute, and Trocaire College.

Power Equipment Technology

The curriculum of this program includes heavy equipment safety/maintenance; basic shop and safety skills; welding and metal fabrication; hand and power tool skills; small engine/outdoor power equipment fundamentals; heavy equipment operation; introduction to diesel engine terminology, compression, intake, fuel, exhaust, cooling and emission systems. Students in the Power Equipment program re introduced to electrical systems, power trains, hydraulics and air conditioning systems. Precision measuring and the use of specialized tools are taught throughout the course. Brake and suspension systems, electrical systems, engine component repair, and electrical arc welding are incorporated into the curriculum. The program at Ormsby has an agricultural focus which includes study of the use, maintenance or adjustment of construction and agricultural equipment; small engine design and repair; and GPS and precision farming use and design. Students have the opportunity to participate in internships with local highway departments, area service stations, retail sales outlets and local school districts. This program prepares students for postsecondary education and maintains articulation agreements with the following higher education partners: Alfred State College, Bryant & Stratton College, Nashville Auto-Diesel College, SUNY Delhi, Trocaire College.

ORMSBY EDUCATIONAL CENTER

Small Animal Science

Small Animal Science teaches students specialized and advanced skills in areas such as veterinary assistance, the care and handling of animals in a laboratory or veterinary setting, and kennel and pet shop management. Students learn animal care clinical skills; caging and bedding procedures; animal first aid, wound healing and surgical nursing; and animal training/positive reinforcement techniques. In addition, they study internal and external parasites, zoonotic diseases, animal nutrition, exotic animals, biology and genetics, pharmacology, and animal husbandry. Students develop basic and advanced dog grooming skills through in-class "doggie day care" programs where dogs are brought to the centers for grooming appointments. Students work with a wide variety of animals, such as rabbits, cats, dogs, mice, hamsters, gerbils, guinea pigs, chinchillas, ferrets and rats.

Students also have the option of enrolling in **Small/Large Animal Science** which teaches students first-aid, nutrition, dog grooming and animal management in veterinary and farm settings. Students gain knowledge of dogs, cats, horses, goats and alpaca. A portion of program takes place at the Lothlorien Therapeutic Riding Center. Students have the opportunity to participate in internships with local animal hospitals, veterinary clinics, kennels, pet shops, humane societies, and farms. This program prepares students for postsecondary education and maintains articulation agreements with the following higher education partners: Alfred State College, Bryant & Stratton College, Medaille College, SUNY Cobbleskill, and Trocaire College.

Sports Conditioning & Exercise Science

Sports Conditioning & Exercise Science Sports Conditioning & Exercise Science provides foundational skills and knowledge for students choosing to pursue professional certifications in personal training and further education in athletic training, physical therapy, chiropractic, massage therapy and dietetics. Students learn the science of human health and explore a systematic approach to designing exercise and conditioning programs in an interactive setting. Students study the parameters of fitness including resistance training, fat loss, nutrition, and agility. Additional areas of study include: medical terminology, human anatomy and physiology, fitness and flexibility, injuries and injury prevention, health/sports psychology, applied kinesiology, motivational and teaching techniques, and cardiorespiratory training. Students have the preparation and opportunity to receive Red Cross Certification in First Aid and CPR/AED and are prepared for the ACE Integrated Fitness Training Certification. A one-year "Intro to Human Performance" program is available to seniors. Students have the opportunity to participate in internships with area gyms, fitness clubs, health clubs, schools, physical therapy providers and athletic programs. This program prepares students for postsecondary education and maintains articulation agreements with the following higher education partners: Erie Community College, Niagara Community College, and Trocaire College.

Welding/Metal Fabrication

The two-year Welding/Metal Fabrication Program enables students to develop specialized and sought after skills for employment in the welding and metal fabrication industry. Students learn up-to-date welding and metal fabrication techniques and procedures in a variety of areas, such as electric arc or SMAW (stick) welding, metal inert gas (MIG) welding, tungsten inert gas (TIG) welding, oxy acetylene cutting and welding, flux-cored arc welding, and plasma arc cutting. Students also learn testing and inspection protocols, safety procedures and the appropriate use of safety/protective equipment. Further areas of study to support welding and metal fabrication include: blueprint reading, layout and joint design, and metallurgy. Students in this program develop the skills necessary to be successful in welding/metal fabrication occupations in sectors such as the oil and gas, manufacturing and transportation industries, and all branches of the military. Students have the opportunity to participate in internships with area welding businesses, manufacturers, and custom vehicle companies. This program prepares students for postsecondary education and maintains articulation agreements with the following higher education partners: Alfred State College, Bryant & Stratton College, SUNY Delhi, and Trocaire College.

Potter Road Career Center

Baking & Pastry Arts I & II

Students will learn the fundamentals of baking, measurement and mixture methods, and plating and finishing techniques to create beautiful, edible works of art. Topics of study include: holiday baking, cookies and pasteries, cakes, icing, and decorating, quick breads and bistro-style cooking. Students will build a professional portfolio by learning sugar and confectionary techniques, working with a variety of doughs and ingredients, and creating candies and chocolates. Students will earn a ServSafe certification during the two-year program.

Early Childhood Education I & II

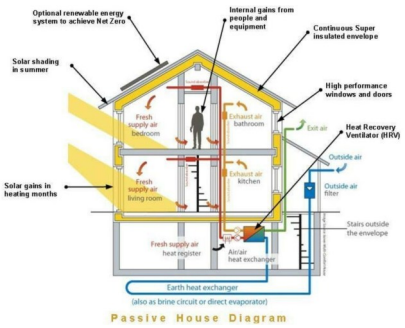
Students will examine the physical, social/emotional, and intellectual development of children. Topics of study include: child development, child psychology, nutrition, social/emotional learning, special needs of children, and health and safety of children. Students will design and implement lesson plans, care for children in a preschool environment, enhance professional written and oral communication skills, and gain hands-on experience through internships at local preschools, childcare centers, and elementary schools.

Fashion Design Technology I & II

Students will learn to dress, style, and create trends based on design elements and the fashion cycle. Topics of study include: basic sewing skills, fashion trend forecasting, fashion psychology, fiber, yarn, fabric, and garment production. Students will analyze fashion collections, study fashion history, explore fashion merchandising, marketing and advertising by creating a working business plan, and produce a professional fashion show.

Electrical Systems I and II

This course deals with the application of electrical technologies in all phases of the electrical industry. It prepares students for the planning, installation, maintenance and troubleshooting of wiring systems in residential and light industrial settings according to the standards of the National Electrical Code. Instruction in principles of electricity, reading of blueprints and wiring diagrams, proper use of tools and equipment, and basic principles of motor controls with ladder logic are covered. Installation of solar and wind technology is emphasized. Special Notes: Boots or Safety shoes are required for this program.



Plumbing and HVAC I & II

Students will learn the fundamentals of residential plumbing and heating/cooling installation. The program is designed for students interested in installing, servicing and repairing domestic sanitation systems, water heaters and home heating/cooling units. Students read blueprints, drawings and schematics. They learn to fit, assemble and prepare piping for a variety of distribution systems (drain, waste, vent and hot/cold water). While enrolled, students will receive training on the latest trade-related green and solar green technologies. Students will also participate in the construction of a modular home in conjunction with the Building Trades and Electrical classes. Careers in the heating and air conditioning industry are growing rapidly each year. Special Notes: students are responsible for purchasing leather gloves, work shoes, a tool belt, basic hand tools and a 25 foot tape measure.

TESTING

PSAT *(Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test)*
11th Grade (October)

The PSAT/NMSQT is a test given to Juniors planning post-high school education. The test is a preliminary one and useful as an indicator of how students may perform on the Scholastic Aptitude Test (SAT), a college admission test. The PSAT/NMSQT measures verbal and mathematical abilities, and scores on the test can be compared with those of students across the nation. The scores are especially useful for pre-college planning. Results of this test are also used to determine National Merit Scholarship Finalists.

SAT I *(SCHOLASTIC APTITUDE TEST)* 11th Grade- Spring, 12th Grade - Fall

The SAT is a test of the verbal and mathematical abilities of candidates for college admission. This test is designed to be a standard measure of ability useful to college admissions officers and useful to students planning their post-high school education. The test is given locally at a number of different high schools and colleges and is required by certain colleges for admission. Registration forms are available in the Guidance Office and online at www.collegeboard.com

SAT II *(Achievement Tests)* 11th Grade– Spring, 12th Grade– Fall

These are tests of achievement in specific course areas. The tests are sometimes required by various colleges and used for placement purposes. They are available at several local colleges and high schools on the same test dates as the SAT. Students should check college catalogs; colleges (Particularly more selective ones) require one or more Achievement Tests. The best time to take these are at the completion of a related course– not necessarily in the senior year.

ACT *(AMERICAN COLLEGE TEST)* 11th Grade– Spring, 12th Grade– Fall

The ACT covers the subject areas of English, Mathematics, Science, Reading and Reasoning. It measures general educational development and the ability to perform college level work. It also provides information about student interests via sec interest scores, a map of college majors and a world of work map (interests related to working with people, data, ideas, and things). Some colleges utilize the results of the test for placement purposes; others use the results for making admission decisions. The ACT is given locally at various high schools and colleges. Registration forms are available in the Guidance Office and online at actstudent.org

*****Students with free/reduced lunch are eligible for a fee waiver on SAT, ACT & AP.
Fee waivers are available in the Guidance Office. *****

Athletics

GIRLS

JV BASKETBALL—Winter
JV FIELD HOCKEY (Holland/East Aurora) - Fall
JV VOLLEYBALL—Fall
MODIFIED BASKETBALL—Winter
MODIFIED SOCCER—(7 8 9) Fall
MODIFIED VOLLEYBALL (7 8) - Fall
VARSITY BASKETBALL– Winter
VARSITY CHEERLEADING ((Holland/East Aurora)- Winter
VARSITY FIELD HOCKEY—(Holland/East Aurora)-Fall
VARSITY INDOOR TRACK & FIELD
(Holland/East Aurora) - Winter
VARSITY SOCCER—Fall
VARSITY SWIMMING—Fall (Holland/East Aurora)
VARSITY TRACK & FIELD—Spring
VARSITY VOLLEYBALL—Fall
JV SOFTBALL-Spring
VARSITY FLAG FOOTBALL-Spring
JV FIELD HOCKEY -(Holland/East Aurora) - Fall

BOYS

JV BASKETBALL—Winter
MODIFIED BASEBALL—(7 8 9) Spring
MODIFIED BASKETBALL—Winter
MODIFIED SOCCER—Fall
MODIFIED VOLLEYBALL (7 8) (-(Holland/East Aurora) Fall
MODIFIED WRESTLING (Holland/East Aurora) - Winter
VARSITY BASEBALL—Spring
VARSITY BASKETBALL—Winter
MODIFIED FOOTBALL (7 8 9) (Holland/East Aurora) Fall
VARSITY FOOTBALL -(Holland/East Aurora) - Fall
VARSITY GOLF - Fall
VARSITY INDOOR TRACK & FIELD
(Holland/East Aurora) - Winter
VARSITY SOCCER—(—Fall
VARSITY SWIMMING —-(Holland/East Aurora) Winter
VARSITY TRACK & FIELD—Spring
VARSITY VOLLEYBALL-(-(Holland/East Aurora) —Fall

STUDENT ORGANIZATIONS:

Art Club
Chess Club
Drama Club
Environmental Science Club
Fine Arts Council (Music Council)
GSA Club
High School Student Council
High School Tech Club
High School Yearbook Club
Key Club
National Honor Society
SADD/Prom Committee
Ski Club
Trap Club
Varsity Club
World Language Club
YAC