General Information

Planning Your Program

The goal of the Highland High School Counseling Office is to assist students in choosing the most enjoyable and beneficial courses that will meet New York State graduation requirements as well as prepare students for employment or higher education. As you plan your high school program, you may first want to try to establish your personal goals, such as employment upon graduation or continuing to a higher education program. Always keep in mind your personal interests, aptitudes, and needs, knowing that with time some of these interests and skills may change. Learn about career and college entrance requirements as soon as possible and select courses based on state requirements as well as courses that will help you achieve your goals.

Credits & Transcripts

The School Counseling Office maintains student permanent records and issues official transcripts upon request. Transcripts to colleges, future employers, the military, or to scholarship competitions may be requested through each student's Naviance Student portal. Students must contact the official testing agency for SAT/ACT scores to be sent to colleges/universities. A Transcript Release Form must be signed by parent/guardian if the student is under 18 years of age. A Transcript Request via Naviance Student must also be completed for each transcript requested by a student.

The students of Highland High School have the opportunity to enroll in college courses outside of the standard course offerings. If the course is being used as a requirement for graduation, it must be reflected on the high school transcript and will be factored into the student's grade point average. If the course(s) is being taken for elective credit, a student *may choose* to have the course(s) reflected on their high school transcript and computed into their grade point average. If the student chooses to have the course factored into their grade point average, the student must provide their counselor with the college grade report. Letter grades will be converted to numeric grades according to the approved high school conversion chart. As an alternative, the student can provide their counselor with a letter from the instructor or credit granting institution stating the actual numeric grade. The reported grade will be used in the computation of the grade point average.

Scheduling Process

The Course Selection Guide will be available online for viewing at www.highland-k12.org. Initial scheduling meetings for grades 9, 10, and 11 take place in the spring. Each student in grades 9-11 will be required to register for a minimum of five and a half credits per year. It is also our practice that students grade 9-11 are not allowed more than 1 study hall period per school day; 12th grade students will be allowed no more than 2 study hall periods per school day but may also have late arrival or early dismissal.

If a student fails a required course and does not register for summer school, the course will be put back into the student's schedule the following school year.

Class Standing

To obtain a sophomore status, a student must have earned 4.5 high school credits.

To obtain a junior status, a student must have earned 10 high school credits.

To obtain a senior status, a student must have earned 15 high school credits and be scheduled for all courses required to graduate.

For purposes of determining class standing, Advanced Placement and college level courses will be weighted differently than Regents and school level courses. AP/college courses = 1.065. Regents courses = 1.025.

A cumulative listing of students in each grade level is determined by their weighted average at the end of each school year. The valedictorian and salutatorian (highest class average and second highest class average) will be recognized.

Grade Point Average

Highland High School uses cumulative final grades from each school year in the ranking system. Physical education is exempt from this calculation. Final course grades are weighted into the overall cumulative average as follows:
School-level Courses: 1.0
Regents-level Courses: 1.025
Advanced Placement/College-level Courses: 1.065

As a general rule, final averages will be calculated with four quarter grades (for a full year course) or 2 quarter grades (for a semester course) and a final exam or Regents exam score as 10% of the final course grade.

Schedule Changes

Enrollment decisions are to be made carefully. No changes will be considered until after the third week of instruction of the school year. Any student who wishes to make a schedule change after enrollment must obtain a schedule change form from the School Counseling Office or the School Counseling website. This form states the reason for change and requires signatures from the following: the teacher whose class is being dropped; the teacher whose class is being added; and the parent or guardian. After this completed form is returned to the School Counseling Office, a final determination will be made. A student who requests schedule changes should **not attend** his/her "new" classes until he/she receives official notification from his/her counselor.

Any schedule changes must occur within the first five (5) weeks of instruction**. Requests for a specific instructor will not be considered.**

Definitions

Prerequisite: A requirement of any kind that must be met before a student will be able to register for a given subject. For example, a student must satisfactorily complete Spanish II before taking Spanish III.

Unit of Credit: The value assigned to a subject based on a State Education Department established time requirement. The successful completion of a course may result in ½ or 1 unit of awarded credit depending upon the length of time studied. ***Please note:*** As a result of enrollment tallies and master schedule building, the credit value of a course stated in this guide is subject to change.

Elective: Any subject that may be chosen by a pupil other than that required by the New York State Education Law for graduation.

Passing Grade: A passing grade in all courses and on Regents exams is 65%, except where noted under "Local Diploma" requirements.

Course Enrollment Regulations

Students may not enroll in courses for which they have not met the stated academic requirements or prerequisites.

Summer School Regulations

Students who fail courses may repeat those courses in a summer school program approved by Highland High School. School counselors strongly encourage summer school courses as a way to help students stay on track for graduation.

Students who fall behind in English, Social Studies, or other required subjects may attend summer school assuming the course is offered for full credit at summer school. Students who wish to accelerate in any required subjects must obtain approval through the department chairperson, school counselor, and principal.

Honor & Merit Roll

To be on the Merit Roll a student must have an average of at least 85% with no mark in a subject less than 75%. To be on the Honor Roll a student must have an average of at least 90% with no mark in a subject less than 88%. Physical Education is exempt from calculation and consideration in Honor and Merit Roll.

National Honor Society

To be eligible for National Honor Society membership, a student must be at least a second semester junior. Selection is based on scholarship, character, leadership, and service.

To meet the academic requirement, students must have an unrounded weighted in-progress cumulative grade point average of 92%. Candidates must have performed volunteer activities that show evidence of service to school and community.

Tri-M Music Honor Society

Candidates are selected from school music students that exhibit exceptional scholarship, leadership, service, and character.
Music Participation - Candidates must be enrolled in a music ensemble (band or choir) for the full year.
Academic Achievement - Candidates must maintain a 90+ GPA in music classes and an 85+ overall GPA.
Service - Candidates must maintain service hours as described by the TRI-M advisors.
Character - Candidates must demonstrate respect, responsibility, trustworthiness, fairness, caring and citizenship.

Candidates that meet all criteria will be inducted into Tri-M at the spring concert.
Students who are members of Tri-M for all years at Highland High School will be eligible to graduate "with cords."

Spanish Honor Society

To be eligible for Spanish Honor Society, a student must:

1. be currently enrolled in Spanish 4 or 5 at Highland HS. Spanish 4 students must commit to studying Spanish 5 the following year to continue being a member.

2. have a 3-quarter Spanish average of 90 or better

3. have an overall average of 85 or better

4. not have any referrals

Advanced Placement (AP) & College Courses

Highland High School offers several courses for Advanced Placement (AP) and/or college credit. These courses are taught by Highland High School teachers within the high school building in partnership with either SUNY Ulster or SUNY New Paltz. The Highland High School teacher follows the curriculum of the corresponding college and the students, once successfully completing the course, earn 1 (one) high school credit. Students paying tuition for the course also receive college credit for the course, and that credit may be transferrable to other colleges upon enrollment after high school graduation. Please see course descriptions for specific fees and college credits. Registration for a college course, which includes payment of tuition, takes place once the school year begins. Students who qualify for free/reduced lunch qualify for reduced tuition; please contact the School Counseling Office for more details.

Students who choose to take certain college courses may also prepare for and take a College Board Advanced Placement (AP) exam offered in May of each year. See course descriptions for corresponding AP exams. Most colleges and universities across the country offer college credit, advanced placement, or both, for qualifying AP Exam scores. Students will be instructed to register for the AP exam through College Board in the early fall and

pay the registration fee shortly thereafter. Students who qualify for free/reduced lunch also qualify for a registration fee waiver; please contact the School Counseling Office for more details.

Students are strongly encouraged to register for both the college course and the AP exam for an increased opportunity to earn college credits, but they are not required to do both. Students must, however, choose one or the other option.

Graduation Requirements

Subject	Regents Diploma	Regents Diploma with Advanced Designation
English	4 credits	4 credits
Social Studies ***Distributed as follows: U.S. History (1) Global History & Geography (2) Participation in Gov't (1/2) Economics (1/2)***	4 credits	4 credits
Mathematics	3 credits *1 must be Regents-level*	3 credits *3 must be Regents-level*
Science	3 credits *1 must be Regents-level*	*3 credits* *2 must be Regents-level*
World Languages	1 credit *	3 credits **
Health	½ credit	½ credit
Art, Music, &/or Theater	1 credit	1 credit
Physical Education ***(Participation each semester)***	2 credits	2 credits
Electives	3½ credits	1½ credits
Total credits	**22 credits**	**22 credits**

*Students are required to have completed 2 units of study in a Foreign Language by the end of their 9th grade year. One unit of credit may be earned by successfully completing two units of study in Middle School and passing the locally developed World Language exam taken in 8th grade.

* Students with a disability may be excused from the requirement for 1 unit of credit in World Languages if so indicated on their IEP, but they must still earn 22 units of credit to graduate. Such students are also exempt from the sequence requirement for earning a Regents diploma with advanced designation.

**Students acquiring a 5-units sequence in Career and Technical Education or the Arts may be exempt from the Foreign Language requirement for the Regents Diploma with Advanced Designation.

Minimum NYS Testing Requirements

In addition to successful completion of the appropriate 22 units of credits, students must pass*:

- Four (4) Regents exams, one in each discipline (English language arts, mathematics, science, social studies); and
- One (1) pathway

Subject	Regents Diploma	Regents Diploma with Advanced Designation
Math	1 Math Regents Exam	3 Math Regents Exams *(Algebra I, Geometry, & Algebra 2)*
Science	1 Science Regents Exam *(Life or Physical)*	2 Science Regents Exams *(One Life, One Physical)*
Social Studies	Global History & Geography Regents Exam OR U.S. History Regents Exam	Global History & Geography Regents Exam OR U.S. History Regents Exam
English	Comprehensive English Regents Exam	Comprehensive English Regents Exam
One Pathway	One additional Science Regents Exam, or One additional Math Regents Exam, or One additional Social Studies Regents Exam or See Counselor for other Pathway options	One additional Science Regents Exam, or One additional Math Regents Exam, or One additional Social Studies Regents Exam or See Counselor for other Pathway options
World Languages	N/A	Locally Developed Foreign Language Exam*

*Students acquiring a 5-units sequence in Career and Technical Education or the Arts may be exempt from the Foreign Language requirement for the Regents Diploma with Advanced Designation.

With Honors Designation: A Regents Diploma with Honors or a Regents Diploma with Advanced Designation with Honors will be earned if a student has an average of **90** or better on all the Regents exams required for the diploma.

Mastery in Mathematics and/or Science (for Regents Diploma with Advanced Designation): Students who pass three Regents examinations in mathematics and/or three Regents examinations in science with a score of **85** or better will earn Mastery in that subject area.

Seal of Civic Readiness: Students must provide evidence in Civic Knowledge and Civic Participation by completing components that are required through NYS.

Regents exams retaken for graduation requirements or for attempts to obtain a higher score on a particular exam, will not be re-calculated into the final grade of the previous course associated with that exam with the exception of the ELA Regents, which is first administered in January. The new Regents exam score will be listed on a student's transcript but will not factor into any final course grade that was previously completed.

New York State Education Department offers students the option of removing a lower Regents exam score from a transcript for an exam that has been taken more than once. All Regents exam scores must be kept in a student's permanent record; however, we are permitted to remove the lower score from the actual transcript upon a student or parent's written request.

Local Diplomas

The New York State Board of Regents has authorized Highland Central School District Board of Education to issue a Local Diploma in addition to the Regents Diploma and the Regents Diploma with Advanced Designation. These diplomas can be issued to students classified as having a documented disability by the Committee on Special Education. Classified students and some students with 504 Plans may receive a local diploma by passing the approved Regents level courses and receiving Regents exam scores as follows:

- The student earned at least a score of 55 on both the English language arts and math Regents examinations that are required for graduation
- The student earned a score of 65 or higher on one or more required Regents examinations to compensate, on a one-to-one basis, for each required Regents examination in which he or she received a score of 45-54.

A superintendent's determination can be made upon a parent's written request, based on review of documentation, as to graduation-level proficiency in the subject area in which the student was not able to demonstrate proficiency of the State's learning standards through the assessment required for graduation.

CDOS Commencement Certificates

Students with documented disabilities who have met the requirements stated on their Individualized Educational Plan (I.E.P.) and have met the CDOS standards of Career Development, Integrated Learning, Universal Foundation Skills, and Career Majors, and who are not candidates for a Regents or Local Diploma will receive a CDOS Commencement certificate.

Highland High School Course Offerings

2026-2027

ART		CREDITS
ART0313	Studio in Art Workshop (Taken w/ Studio in 3D)	.5
ART0334	Studio in 3D (Taken w/ Studio in Art Workshop)	.5
ART0314	Drawing & Painting	1
ART0328	Sculpture	1
ART03121	Ceramics	1
ART0332	Advanced Ceramics	1
ART0331	Digital Photography	1
ART03182	Advanced Drawing & Painting	1
ART0329	College Introduction to Drawing/Illustration	1
CAREER READINESS		
CAR0001	Workforce Development	.5
ENGLISH		
ENG0003	English 9R	1
ENG0012	English 10R	1
ENG0063	English 11R	1
ENG0007	College Composition 1 (11th grade)	1
ENG0064	English Inquiry	1
ENG00081	College Writing & Rhetoric	1
ENG0065	Studies in Creative Expression	1
ENG0057	College Public Speaking	.5
ENG0062	College Composition I (12th grade)	.5
ENG0060	English Workshop	0
ENGLISH as a NEW LANGUAGE		
ENL0017	ENL-Entering/Emerging & Transitioning	1-3
FOREIGN LANGUAGE		
FOR0201	French 2R	1
FOR0204	French 3R	1
FOR02050	College French 4	.5
FOR02060	College French 5	.5
FOR0209	Spanish 2R	1
FOR0212	Spanish 3R	1
FOR0213	College Spanish 4	1
FOR0214	College Spanish 5	1
HEALTH/PHYS EDUCATION		
HPE0225	Health	.5
HPE0231	PE Activities	.5
HPE0232	Adaptive PE	.5
MATHEMATICS		

MAT00101	Next Generation Algebra	1
MAT1316	Next Generation Geometry	1
MAT01035	Next Generation Algebra II	1
MAT0106	Statistics	1
MAT0120	College Quantitative Reasoning	1
MAT0119	Intermediate Algebra	1
MAT0115	College Pre-Calculus	1
MAT0116	College Calculus	1
MAT0319	Financial Literacy	1
MAT0040	Math Lab	0
Music		
MUS0300	Concert Band	1
MUS0301	Concert Band A	.5
MUS03001	Concert Band w/ Honors	1
MUS03011	Concert Band A w/ Honors	.5
MUS0303	Concert Choir	1
MUS0302	Concert Choir B	.5
MUS03031	Concert Choir w/ Honors	1
MUS03021	Concert Choir B w/ Honors	.5
MUS0305	Jazz Band	.5
MUS03051	Jazz Band w/ Honors	.5
MUS0317	Music Industry Explorations	.5
MUS0323	Music Industry Explorations- AP Music Theory	.5
Science		
SCI01603	Life Science: Biology	1
SCI0162C	College Biology I/II	1
SCI01602	Earth & Space Sciences	1
SCI0185	Chemistry R	1
SCI0166	College Chemistry I/II	1
SCI0186	Physics R	1
SCI01650C	College Physics I/II	1
SCI01688	Organic Living	1
SCI0164	Forensics	1
SCI0175	Environmental Science	1
SCI0178	Anatomy & Physiology	1
SCI0183	Oceanography	.5
SCI0184	Astronomy	.5
SCI0157	Science Workshop	0
SOCIAL STUDIES		
SOC0051	Global History & Geo 9R	1
SOC0052	Global History & Geo 10R	1
SOC00623	AP World History: Modern	1
SOC0050	US History & Government 11R	1
SOC00481	College US History I/II	1

SOC0084	Participation in Government	.5
SOC0083	Economics	.5
SOC0066	College Eco/Part in Government	1
SOC0080	General Psychology	.5
SOC0081	Abnormal Psychology	.5
SOC0092	Citizenship in Action	1
SOC0096	Sports & Entertainment Marketing	.5
STEM		
STM0001	Principles of Engineering	.5
STM00010	Computer Science 1	1
STM0012	AP Computer Science	1
STM0013	Video Production	1
STM0014	Video Production 2	1
STM0015	Digital Literacy	.5
STM0016	Foundations of Artificial Intelligence	.5
CAREER & TECHNICAL CENTER - (**See back of guide for list of programs**)		
ENG0880	English 11 @CTC	1
ENG0883	Tech English	.5
MAT0885	Common Core Tech Math	.5
SCI0890	Common Core Tech Science	.5
HPE0891	Tech Health	.5
SOC0086	Tech Participation in Government	.5
PRE-UNIVERSITY NEW VISIONS - **(See back of guide for list of programs)**		
NV005	NV College English 12	1
NV006	NV College Social Studies 12	1
HPE0888	NV Health	.5
SPECIAL EDUCATION		
SPE0005	English Foundations	1
SPE00560	Global History Foundations	1
SPE0057	US History Foundations	1
SPE0004	Math Foundations	1
SPE005CTR	English 9 Collab Teaching	1
SPE006CTR	English 10 Collab Teaching	1
SPE0014CTR	English 11 Collab Teaching	1
SPE0017	English Inquiry Collab Teaching	1
SPE0121CTR	Next Generation Algebra Collab Teaching	1
SPE0124CTR	Intermediate Algebra Collab Teaching	1
SPE0123CTR	Next Generation Geometry Collab Teaching	1
SPE056CTR	Global Hist & Geo 9 Collab Teaching	1
SPE058CTR	Global History & Geography 10 Collab Teaching	1
SPE0057CTR	US History Collab Teaching	1
SPE174CTR	Life Science: Biology Collab Teaching	1
SPE0160CTR	Earth & Space Sciences Collab Teaching	1

SPE0998	Instructional Skills A/B	.5
SPE0999	Instructional Skills	1
SPE0994	Transitional Skills A/B	.5
SPE0995	Transitional Skills	1

Course Descriptions by Department

Art

Studio in Art Workshop

Prerequisite: None
Corequisite: Studio in 3D
Credit: .5
Please note: Satisfies the NYS Fine Art requirement for a Regents diploma

In order to understand the relationships between Art, Design, and the world around us, the art student must first learn how visual language works. A variety of tools, media and methods will be used to expand students' visual vocabulary. Throughout the course students will demonstrate how to successfully communicate ideas through visual works. Students will experiment with different mediums and approaches. The class will cover topics such as Drawing, Painting, Perspective, and the fundamentals of three dimensional work.

There is graded Homework for this class. Certain assignments have a written component.

Studio in 3D

Prerequisite: None
Corequisite: Studio in Art Workshop
Credit: .5
Satisfies the NYS mandate for Regents diploma

Studio in 3D is a hands-on Art course that focuses on building, designing, and collaborating through 3D art materials. Students will use problem-solving skills to create fun and expressive projects such as altered books, clay creations, and clothing alterations. The class will cover various techniques through the use of different media such as paint, clay, fabric, wax, plaster, wood, and everyday materials. Students will need to bring a few materials from home. The list will be provided in class.

Sculpture

Prerequisite: Studio in Art
Credit: 1

Prerequisite: Studio in Art (or in some instances Studio in Crafts)

Note: This is an ADVANCED class. You must understand the principles and elements of art and design. This class builds on key concepts taught in Studio in Art. We will create 3D sculptures using a wide variety of sculptural materials, techniques, and equipment.

Get hands on with many types of materials including wood, wire, clay, cardboard, metal, plaster, foam block, and found objects. Sculpture is the oldest known form of art created by humans. You will learn how to create sculptures using classic and contemporary techniques including subtractive, and additive. You will build realistic and abstract sculptures of a variety of subjects such as animals, portraits, figures, hands, creatures, and characters. You will learn to mount and display your artwork for viewing and art shows! Learn how to use your mind to visualize and your hands to construct artwork in three dimensions!

Ceramics

Prerequisite: Studio Art / Studio Crafts
Credit: 1

Pottery is one of our earliest forms of artistic and social expression. The class allows for an immersive and engaging art experience for anyone willing to put their hands dirty!.

- Students will learn traditional hand-building approaches like; slab, coil and pinch techniques. Class will also cover glazing techniques, kiln firing and intro to the wheel. Students will learn to prioritize quality vs speed when creating ornamental and functional pieces and will have plenty of time to explore 3-D design through sculptural components. Students will be asked to keep a notebook or folder for class notes and sketches.

-Students will be asked to purchase some supplies, an apron, a change of clothes, and a hand towel.

Advanced Ceramics

Prerequisite: Ceramics or Portfolio review

Credit: 1

This advanced class builds on the principles and elements of art and design covered in Ceramics. Students will experiment with the pottery wheel, create their own glaze mixtures, and use thematic ideas for advanced sculptural pieces. Students in Advanced Ceramics will develop a well-rounded understanding of the technical as well as conceptual uses of the artform. In addition to studio work, art and gallery trips will inspire students with works by historical and contemporary artists.

Digital Photography

Prerequisite: None
Credit: 1

Digital Photography will focus on both the creative and technical sides of photography. Compositional techniques, photoshop editing and camera settings will aid students in producing professional quality photos and work. By the end of this class, students will be well versed in editing and designing in Photoshop, camera and compositional understanding and portfolio/website design. You must be willing to produce and edit photos on a weekly basis. You do not have to be proficient with a computer, but it does help to have a working understanding of the basics of technology.

Drawing & Painting

Prerequisite: Studio in Art (Or passed proficiency in Studio in Crafts)
Credit: 1

In order to understand the relationships between Art, Design and the world around us, the art student must first learn how visual language works. A variety of tools, media and methods will be used to expand students' visual vocabulary. Throughout the course students will demonstrate how to successfully communicate ideas through visual works. Students will build upon the skills learned in Studio art. We will explore more advanced techniques as well as use mediums that could be seen as difficult for the beginner. Classwork will be based on the technical aspect of the different mediums. Later in the year we will work on more thematic pieces.

There will be weekly homework assignments.

Advanced Drawing & Painting

Prerequisite: Drawing & Painting
Credit: 1
AP Exam Fee: $100

Advanced Drawing and Painting is a full year course designed for students interested in creating an Art Portfolio for College or AP credit. Students taking this project-oriented class will work on thematic pieces throughout the school year. Students will also participate in exhibitions; gallery visits and peer-led critiques. Students are required to hand in all work on time and keep all work in a neat and professional manner. Students are also required to upload their work to Schoology for grading, peer review and critiques.

College Introduction to Drawing/Illustration

Prerequisite: Drawing & Painting or Advanced Drawing & Painting
Credit: 1
College Course Fee: $237

This course introduces students to key concepts in visual communication. Students will explore a variety of mediums to create impactful and clearly communicative pieces. Emphasis will be placed on composition and storytelling. This course will take the student through all the stages of creating a successful illustration. This course is open to students that have taken Drawing and Painting or Advanced Drawing and Painting. Successful completion of the course will award students three (3) college credits through SUNY Ulster.

Career Readiness

Workforce Development

Prerequisite: None, grades 9-12
Credit: .5

Workforce Development is a class that will use the Career Development and Occupational Studies Standards to prepare students for the transition from school to work by developing 21st century transferrable skills such as communication, collaboration, creativity, and critical thinking. Students will engage in career exploration, develop a resume, practice interview skills, and engage in research focusing on current workplace trends and expectations.

English

English 9R

Prerequisite: None
Credit: 1

English 9 provides the framework for reading and writing at a high school level. Students will explore various literary genres, including novels, poetry, drama, essays, and articles, learning to extract universal literary elements such as plot, theme, conflict, and characterization. Additionally, they will begin to discover and employ rhetorical strategies. Writing assignments, both formal and informal, will help students acclimate to the building and prepare them for high school level expectations in composition, including the New York State Comprehensive Regents Exam. Overall, this course will emphasize research and critical thinking, as students begin to develop their voice and their understanding of global issues.

English 10R

Prerequisite: None
Credit: 1

In this course for sophomores, students will hone their writing, speaking, listening, reading and viewing skills to improve thinking within the framework of World Literature – from ancient mythology to contemporary global readings. Students will study the evolution of common themes that recur across time and place, and through historical and cultural archetypes. In connection with history, philosophy, society and culture, students will expand their knowledge of the literary movements that have both reflected and shaped world history. Material will be presented with a focus on human rights. Students will explore the use of literary techniques of various genres and devices used by a variety of multi-cultural authors. They will become more literate citizens by gaining an appreciation for global culture, developing the skills necessary to express themselves, and relating personally to the texts studied.

English 11R

Prerequisite: None
Credit: 1
Required exam: English Language Arts Regents Exam (typically take in 11th grade)

In this course for juniors, students will further develop their writing, speaking, listening, and reading skills to improve thinking within the context of American literature. Students will study the evolution of their diverse American heritage by examining its literary exemplars. A chronological approach will be used to expand students' knowledge of the literary, social, and political movements that have shaped America's history and values. Students will explore the

use of literary techniques and devices used by American authors of various genres, including novels, poetry, and non-fiction. They will become more literate citizens by gaining an appreciation for their own culture, realizing their role as members of it, and developing the skills necessary for effective communication. Language arts tasks this year will prepare the student for the English Regents exam, which will be administered in January. A passing score on the Regents exam is necessary for graduation.

College Composition 1

Prerequisite: Teacher Recommendation or a completed Challenge Agreement
Credit: 1
College Course Fee: $175
AP Exam Fee: $100
Required exam: English Language Arts Regents Exam (typically take in 11th grade)

College Composition, offered through SUNY New Paltz, will train students in critical reading of complex texts, in the writing/composing process, and in academic forms of writing. Over the course of the year, students will move from expressive (personal) to expository (professional and academic) writing as well as through different rhetorical situations and modes, i.e. for different purposes, occasions, and audiences. The assigned papers and writing workshops will offer varied writing techniques to enhance linguistic or syntactical choices. A mandatory writing portfolio (which includes research and argument papers) will be submitted at the year's end and reviewed by an outside committee, which will then determine if a student has achieved 3 college credits.

In addition to the portfolio, students must achieve a grade of 85 minimum on the NYS CC ELA exam which is administered in January in order to receive college credit.

Please note that, as the attendance policy reflects that of the college, excessive absences may negatively impact grade.

Students choosing to take the Advanced Placement (AP) **Literature** exam will receive the AP designation on their transcript.

English Workshop

English Workshop is designed to provide students with the prerequisite skills needed to understand and work with the standards that will be addressed in the students' core class. This course will directly instruct students in the key literacy skills necessary to achieve success on their Regents Examinations, with a particular focus on the ELA exam. Students are selected for English Workshop based on their performance in their English 9 and/or English 10 classes or based on their performance on the ELA exam. Students will be expected to attempt the ELA Regents Exam at some point during the school year.

English 12

In order to meet the English 12 requirement, students must choose one full-year course.

ENGLISH 12 FULL-YEAR OPTIONS (CHOOSE ONE):

English Inquiry

Prerequisite: Successful completion of English 9R, English 10R, & English 11R
Credit: 1

In this course, we will use an inquiry-based model to examine the ways in which we experience our identity in society, reflecting on our own experiences and reading and learning about the experiences of others.

This full year alternative to the 12th grade English requirement will be accomplished through using selected novels, essays, stories and poems, researching issues based on personal choice, and planning projects in the school. As a class, we will work toward enhancing the orientation for incoming freshmen. The year will culminate with individual inquiry projects in which students will conduct in-depth research on a topic of their choosing and use their learning to share a project with the community.

College Writing and Rhetoric

Prerequisite: Successful completion of College Composition 1 and Teacher Recommendation or a completed Challenge Agreement
Credit: 1
College Course Fee: $175
AP Exam Fee: $100

Upon successful completion of this yearlong college-level writing-intensive course, including a portfolio assessment by the college, students will be granted three credits for *Writing and Rhetoric* from SUNY New Paltz. The goal of Writing and Rhetoric is for students to develop cross-curricular writing at the college level. This is achieved through the study of rhetoric, persuasive writing, academic research, and literature, all centering around a "wicked problem" facing modern society. The course is seminar style and demands class participation; Writing and Rhetoric requires one formal oral presentation. Students will conduct an extended independent research project in the spring. In addition, since Comp I and Writing and Rhetoric cover course material on the College Board's AP English curriculum, it will prepare students who opt to take an AP English Language exam.

Students choosing to take the Advanced Placement (AP) **Language** exam will receive the AP designation on their transcript.

Studies in Creative Expression

Prerequisite: None
Credit: 1

In this full year English Language Arts course for seniors, students will have the opportunity to dive deeper into creative forms than in their previous grades 9-11 grade level courses. Students will experiment with diverse genres and styles with a dynamic, non-traditional workshop approach. They will write from models to determine and employ strategies and devices used by published authors. They will use creative brainstorming techniques and prompts to generate a collection of original pieces, including, but not limited to poetic, dramatic and journalistic modes. Students will invest more deeply and personally to value and appreciate the purpose of authentic language. Seniors will learn to critique their own work and that of classmates and share it in a supportive environment. They will be encouraged to showcase their accomplishments beyond the classroom walls.

College Communications

Prerequisite: None
Credit: 1
College Course Fee: $237 per course

Students will develop and refine college-level reading, writing, and oral communication skills over a two-part course consisting of College Composition and Public Speaking. Students have the opportunity to earn a total of 6 college credits through SUNY Ulster.

College Composition (3 credits, ENG101)

Students will explore various modes of college-level writing and refine fundamental, college-level writing skills (sentence structure, subject-verb agreement, transitions, organization, etc.) while learning how to adjust their writing for multiple audiences and purposes (expository, descriptive, compare/contrast, persuasive, etc.). Students will also read, analyze, and discuss various nonfiction texts (essays, memoirs, news articles, magazine features, etc.) that center on relevant cultural issues. The course is designed to encourage authentic reflection and engagement, as well as a sense of agency in student writing. The course will culminate with a 4-5 page, inquiry-based research paper that includes MLA research & documentation.

Public Speaking (3 credits, COM105)

Students will develop public speaking skills with a focus on confidence-building for various speech formats. They will engage with communication theories, evaluate speeches for rhetorical strategies, content, and bias, and practice presenting ideas through thoughtful inquiry while considering multiple perspectives, and engaging in constructive dialogue. Research and formal speeches will help students communicate complex ideas effectively, while extemporaneous speeches will challenge students to think quickly and improvise ideas.

English as a New Language (ENL)

ENL I Entering/Emerging

This is a beginner level ENL stand-alone class for students who are learning English as a second or new language.

The main goal of this class is to improve students' proficiency in English, in each of the four language skill areas: listening, speaking, reading, and writing. Students learn survival skills to build their confidence and overall proficiency to achieve success at school and in the community.

ENL II Transitioning

This ENL II, Intermediate Level class, is an ENL stand-alone class that will focus on increased development of students' listening, speaking, reading, and writing skills in English. Students continue to learn English grammar, idiomatic expressions, content area vocabulary, and increase their ability to verbally express themselves in fluent English. They will read different types (genres) of literature from fiction to non-fiction, short novels, plays, poetry, and more. Each week, they will focus on each of the four language skill areas: listening, speaking, reading, and writing.

Foreign Language

French 2R

Prerequisite: None
Credit: 1

French 2 will cover units 1-3 in the text Discovering French Blanc. It is expected that upon completion of this course students will be able to understand and effectively communicate using the grammatical concepts taught within these units. Students will be assessed using a variety of techniques, quizzes, tests, essays, oral presentations, group projects, skits, and listening activities.

French 3R

Prerequisite: Successful completion of French 2R
Credit: 1
Required Exam: Checkpoint B LOTE Exam (typically in 10th grade)

French 3 continues with Discovering French Blanc as a textbook. Various resources are also used in order to cover all of the topics required in order to take the New York State Foreign Language Regents exam at the end of the course. Through a variety of activities, students will be assessed throughout the semester on their speaking, listening, reading, and writing skills.

College French 4

Prerequisite: Successful completion of French 3R AND a passing score (65) on the French 3 exam.

Credit: .5
College Course Fee: $316

College French 4 is an elective course which exposes students to advanced grammar, culture, film, conversation, and composition. Students will be expected to write papers, do group projects, give oral presentations, and take conventional tests and quizzes. There is a mid-term and at the end of the semester a final exam will be administered. College French 4 is an elective course, which offers four (4) college credits through SUNY Ulster (for Intermediate French I). It is expected that students will speak French in the classroom with the teacher and their peers. Multiple presentations in French, in front of the classroom, are required.

College French 5

Prerequisite: Successful completion of College French 4
Credit: .5
College Course Fee: $316
AP Exam Fee: $100*

College French 5 is a continuation of College French 4, which reviews advanced grammar and covers the subjunctive mood in order to bring the advanced student closer to fluency. The course continues with the study of poetry, culture, conversation, and composition. In addition to various projects throughout the course, a mid-term and final exam will be administered. College French 5 is an elective course, which offers four (4) college credits through SUNY Ulster (for Intermediate French II). It is expected that students will speak French in the classroom with the teacher and their peers. Multiple presentations in French, in front of the classroom, are required.

*This is not an AP course, though students can challenge the AP exam if they choose.

Spanish 2R

Prerequisite: None
Credit: 1

Spanish 2 begins with a quick review of Spanish 1. The course covers the present, preterit, imperfect, present progressive, the simple future tense, and many NYS required topics. Spanish and Hispanic cultures are studied through the text and student projects. Students will be tested in the four skills of language: speaking, reading, listening, and writing.

Spanish 3R

Prerequisite: Successful completion of Spanish 2
Credit: 1
Required Exam: Checkpoint B LOTE Exam (typically in 10th grade)

Spanish 3 is vocabulary and verb intensive. The course studies the present, preterit, future, imperfect, and present perfect tenses and uses Ven Conmigo as one resource. The course prepares students for their final exam in June and the spoken component of the exam, which is administered in May. Through a variety of activities, students will be assessed throughout the year on their speaking, listening, reading, and writing.

College Spanish 4

Prerequisite: Successful completion of Spanish 3 AND a passing score (65) on the Spanish 3 exam.

Credit: 1
College Course Fee: $316

College Spanish 4 is an elective course, which offers four (4) college credits through SUNY Ulster (for Intermediate Spanish I). It is a survey course that exposes students to advanced grammar, literature, culture, conversation, and composition. The text, Puntos de Partida, covers a variety of historical, cultural, and literary topics. Students are assessed throughout the course through exams, presentations, written work, class participation and more. The course includes the administration of a mid-term and final exam. It is expected that students will speak Spanish in the classroom with the teacher and their peers. Multiple presentations in Spanish, in front of the classroom, are required.

College Spanish 5

Prerequisite: Successful completion of College Spanish 4
Credit: 1
College Course Fee: $316
AP Exam Fee: $100*

College Spanish 5 is an elective course that offers four (4) college credits through SUNY Ulster (for Intermediate Spanish II). It is a continuation of the study of advanced grammar, literature, culture, conversation, and composition. Students are assessed during the course through various tests, papers, and presentations. The course includes the administration of a mid-term and final exam. It is expected that students will speak Spanish in the classroom with the teacher and their peers. Multiple presentations in Spanish, in front of the classroom, are required.

*This is not an AP course, though students can challenge the AP exam if they so choose.

Health

Health

Prerequisite: None
Credit: .5

Health is a required course for a high school diploma. The course covers topics in physical and mental health, effective communication skills, stress management, the effects of tobacco, alcohol, and other drugs, decision-making, goal setting, healthy relationships, and sex education.

Physical Education

New York State requires two credits of Physical Education for students for four years. Students learn concepts related to physical fitness and how they apply to performance training. The students' experience will enhance their ability to participate in games, sports, and athletic activities. Strength and conditioning are incorporated into physical education classes, which involve muscular endurance and muscular strength training activities.

Students may not accelerate in physical education. Students must attend and participate in physical education for eight semesters or until the student meets all other requirements for graduation.

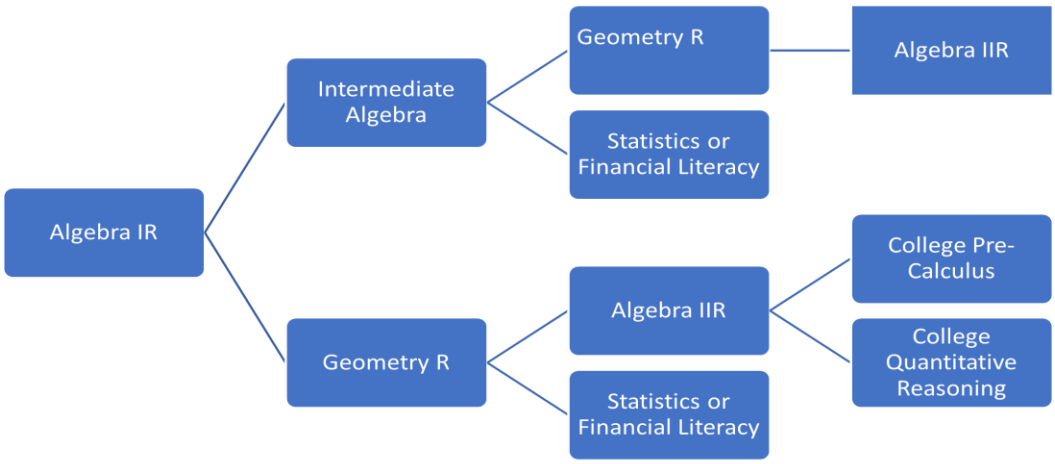
Physical Education Activities

Prerequisite: None
Credit: .5

Students will learn concepts related to physical participation in games, sports, and fitness activities. The students' experiences will develop their abilities to participate in individual and team athletic activities. Mastery of the course will provide the students with knowledge of games, sports, and fitness activities that apply fitness concepts to improve athletic performance.

Mathematics

Traditional Math Pathways



Advanced Math Pathway



Please note: The purchase of a TI-83 Plus or TI-84 graphing calculator is encouraged for most math classes**.**

Next Generation Algebra I

Prerequisite: None
Note: Students who fail Math 8 will be required to take Math Lab in conjunction with this course.
Credit: 1
Required Exam: Next Generation Algebra I Regents Exam (Typically taken in 9th grade)

Algebra I is the first mathematics course in high school and the focal point is functions; specifically linear, quadratic, and exponential functions. Students will analyze and precisely explain the process of solving an equation. Students will learn the terminology specific to polynomials and understand that polynomials form a system analogous to that of integers. They will learn function notation and develop the concepts of domain and range. Students will learn how to display and interpret graphical representations of data. They analyze their knowledge of the context of a situation to justify their choice of a linear model, compute and interpret the correlation coefficient, and distinguish between situation of correlation and causation.

Intermediate Algebra

Prerequisite: Next Generation Algebra I
Credit: 1

The following topics are covered in this course: signed numbers, properties of real numbers, operations with polynomials, factoring, algebraic fractions, exponents, roots, radicals, first degree equation and inequalities, absolute value, quadratic functions, and word problems. The course is designed to strengthen basic algebra skills.

Next Generation Geometry

Prerequisite: Next Generation Algebra I
Note: Students who have a final course average of 65-70 in Algebra must take math lab in conjunction with this course.
Credit: 1
Required Exam: Next Generation Geometry Exam (typically taken in 10th grade)

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. For example, transformations are emphasized early in this course. Close attention should be paid to the introductory content for the Geometry conceptual category found in the high school NGSS. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that student

experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Next Generation Algebra 2R

Prerequisite: Next Generation Geometry
Note: Students who have a final course average of 65-70 in Geometry must take math lab in conjunction with this course.
Credit: 1
Required Exam: Algebra 2 Regents Exam (Typically taken in 11th grade)

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. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that student experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Statistics

Prerequisite: Juniors and Seniors only
Credit: 1

This course has wide appeal because of its interdisciplinary nature and because it provides a practical, tangible application of previously learned mathematics. Students learn to critically evaluate and interpret a multitude of statistical data. They become fluent in statistical vocabulary and calculation, including central tendency, variability, Binomial Theorem, etc. A unique feature of the program is its emphasis on the conceptual aspects of statistics in addition to the usual computational work. Statistics is pervasive in many career areas and enables students to be knowledgeable consumers.

Financial Literacy

Prerequisite: Juniors and Seniors only
Credit: 1

The Financial Literacy course teaches concepts and skills that develop the ability to understand and effectively manage various aspects of personal finance, decision making, budgeting, saving, borrowing, investing, insurance, taxes, and overall consumer skills. This includes knowing how to live within your means, making informed decisions about loans and credit, and planning for the future. Students will learn how to grow wealth and be cautious of varying pitfalls surrounding fraud, advertising, and ethics. The course enables students to develop actionable strategies

through realistic scenarios that connect to their everyday lives and give them skills to navigate the complex consumer economy of the 21st century that positions students for an evolving workplace and marketplace regardless of their prior knowledge, past and future backgrounds, goals, and future endeavors.

College Quantitative Reasoning

Prerequisite: Algebra II and Teacher Recommendation or a completed Challenge Agreement
Credit: 1
College Course Fee: $237

This course focuses on mathematical and statistical reasoning important in decision making in everyday life. Students will utilize percentages, probability, mathematical modeling, and statistical thinking to solve real-life problems. Concepts are investigated through group work and class discussion in the context of medical, environmental, civic, and financial scenarios.

This course offers 3 college credits through SUNY Ulster.

College Pre-Calculus

Prerequisite: Algebra 2R and Teacher Recommendation or a completed a completed Challenge Agreement
Credit: 1
College Course Fee: $316
Please note: All students must register for college course.

Pre-Calculus is designed for the student who plans to pursue a career in mathematics, science, or related technical fields. A primary goal of this course is to prepare students for the study of Calculus. Topics include exploration of functions with emphasis placed upon polynomial functions including the factor theorem, synthetic division, and Descartes' Rule of Signs. Concepts of asymptotes, limits, continuity, and derivatives round out the preparation. The use of the TI-83 graphing calculator is integrated throughout the course. All topics include sophisticated application problems based on "real world" situations. Acceptance of college credit may vary by institution. Four (4) college credits (for Pre-Calculus) are granted for this course through SUNY Ulster.

College Calculus

Prerequisite: College Pre-Calculus and Teacher Recommendation or a completed Challenge Agreement
Credit: 1
College Course Fee: $316
AP Exam Fee: $100

Calculus concepts are developed from an intuitive point of view with rigor added where demanded. Topics include the definition of the derivative function, differentiation of polynomial

functions, graphing techniques, extreme problems, area under a curve, and volumes of revolution. The roles and applications of both differentiation and methods of integration are developed. The usefulness of calculus to solve real world problems is emphasized. Acceptance of college credit may vary by institution. Four college credits are granted (for Calculus I) through SUNY Ulster.

Students who take the Advanced Placement (AP) Calculus AB exam will receive the AP designation on their transcript.

Math Lab

Prerequisite: None
Credit: None

Math Lab is designed to provide students with the prerequisite skills needed to understand and work with the standards that will be addressed in the students core class. Students are selected for Math Lab based on their performance on the New York State Assessment in Mathematics, their Middle School Benchmark Assessments and course average in previous math course.

Music

Concert Choir

Prerequisite: None
Credit: 1
Please note: Satisfies the NYS Fine Art requirement for a Regents diploma

Students will learn to read music and will sing a variety of standard choral repertoire. Vocal technique and performance practices will be covered. Students are required to participate in all scheduled performances. Grades are based upon class and performance attendance/participation, as well as a quarterly musicianship evaluation.

Concert Choir with Honors

Prerequisite: NYSSMA level 5 or 6 solo the prior spring with a minimum rating of B.
Credit: 1
Please note: Satisfies the NYS Fine Art requirement for a Regents diploma

Students must meet all requirements of Concert Choir and will rehearse and perform within that ensemble. In addition, students must perform a level 5 or 6 NYSSMA solo every spring and maintain a rating of B or higher. Performance assessment expectations will be more challenging and require independent organization and practice. Students will have additional performance requirements including chamber and small ensembles.

Concert Band

Prerequisite: None
Credit: 1
Please note: Satisfies the NYS Fine Art requirement for a Regents diploma

A varied selection of music is used to develop ensemble skills and knowledge of musical style and literature. All members are required to attend scheduled performances. Grades are based upon class attendance and participation, performance attendance, and performance evaluation.

Concert Band with Honors

Prerequisite: NYSSMA level 5 or 6 solo the prior spring with a minimum rating of B.
Credit: 1
Please note: Satisfies the NYS Fine Art requirement for a Regents diploma

Students must meet all requirements of Concert Band and will rehearse and perform within that ensemble. In addition, students must perform a level 5 or 6 NYSSMA solo every spring and maintain a rating of B or higher. Performance assessment expectations will be more challenging

and require independent organization and practice. Students will have additional performance requirements including chamber and small ensembles.

Jazz Band

Prerequisite: Must be a member of the Concert Band
Credit: .5

This course is designed for students who are interested in pursuing an advanced study of jazz ensemble music. The content includes solo/group improvisation, studying jazz harmonies, practicing performance skills in the appropriate jazz style, and ensemble blend. Grades are based on class and performance attendance.

Jazz Band with Honors

Prerequisite: NYSSMA level 5 or 6 solo the prior spring with a minimum rating of B.
Credit: .5
Please note: Satisfies the NYS Fine Art requirement for a Regents diploma

Students must meet all requirements of Jazz Band and will rehearse and perform within that ensemble. In addition, students must perform a level 5 or 6 NYSSMA solo every spring and maintain a rating of B or higher. Performance assessment expectations will be more challenging and require independent organization and practice. Students will have additional performance requirements including chamber and small ensembles.

Music Industry Explorations

Prerequisite: None
Credit: .5
Please note: Satisfies half of the NYS Fine Art requirement for a Regents diploma. Can take multiple years to meet requirement.

A hands-on, project-based class focused on the necessary skill set of the modern music industry. Students will explore the field through self-guided discoveries while creating music using looping, recording, songwriting, producing, and more. This course is open to all students regardless of previous musical experiences. Meets every-other day. Students may take this course for 1-4 years.

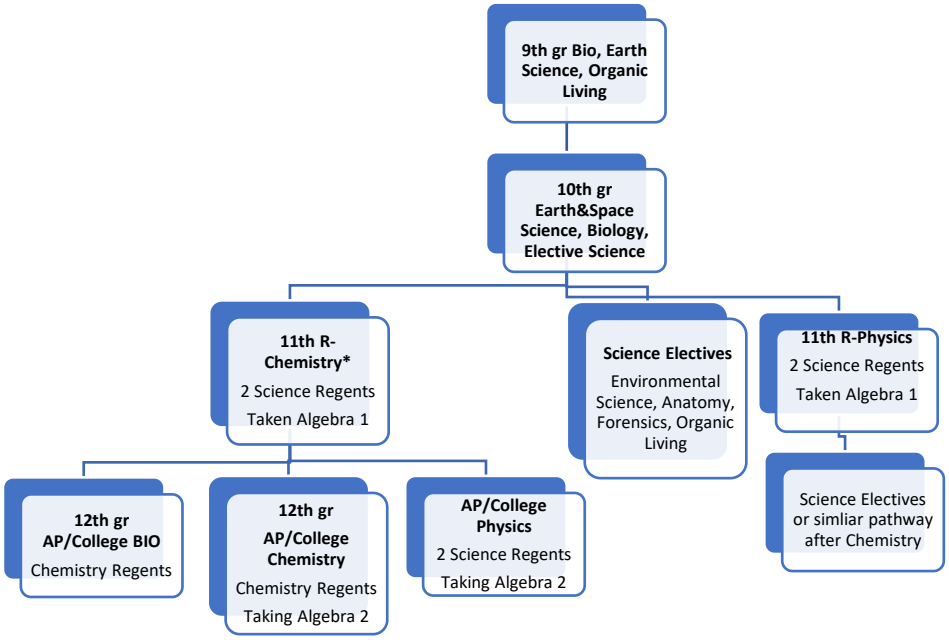
Music Industry Explorations – AP Music Theory

Prerequisite: At least one year of Music Industry Explorations and participation in at least one performing ensemble
Credit: .5
Please note: Satisfies half of the NYS Fine Art requirement for a Regents diploma. Can take multiple years to meet requirement.

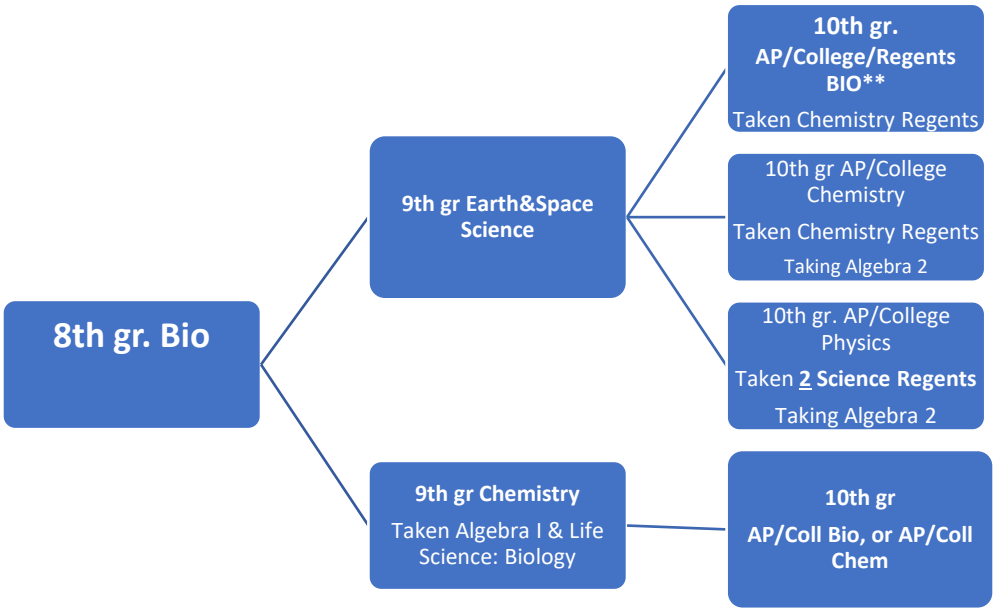
Students with at least one year of Music Industry Explorations may choose to pursue the AP Music Theory track as their focus. This option is designed for students who have an interest in pursuing music in college. Students will advance their understanding of how music works by listening to a wide variety of music, reading musical scores, writing music, and singing. This class meets every-other day.

Science

Traditional Science Pathway



Advanced Science Pathway



Life Science: Biology

Prerequisite: None
Credit: 1
Required Exam: Life Science: Biology Regents Exam (typically taken in 9th or 10th grade)

This course is designed to provide students with the opportunity to gain knowledge and insight on a vast array of biological topics. Students will gain awareness of the natural world, basic scientific concepts, stimulation of inductive reasoning, and a basic understanding of biological process and generalizations. The course is composed of seven content areas: unity and diversity, maintenance in living things, human physiology, reproduction and development, genetics, evolution, and ecology. Approximately 80 percent of the total class time will be spent on the seven core topics and the remaining time will be used in the development of two extended areas. Extended areas are offered for five of the seven units. There are a number of topics that are not directly addressed in the content areas: safety, origins, humane treatment of life, writing skills, math skills, and reading. Upon successful completion of Living Environment-Biology, students should possess basic skill in the following areas: establishing cause and effect relationships, utilizing scientific method, preparing lab reports, and safe manipulation of laboratory equipment

Earth & Space Sciences

Prerequisite: None
Credit: 1
Required Exam: Earth & Space Science Regents Exam (Typically taken in 9th or 10th grade)

This course of study is designed to encourage students to investigate their world through first-hand experiences. Through this program, students will gain new understanding of the world around them and the processes of change. By investigating the systems of the Earth and their interactions, they learn to appreciate the dynamic equilibrium of our planet. Students should also grow to understand their dependence upon the Earth, and its finite resources and limited ability to recover from abuse. Our program supports the integration of scientific principles necessary to develop an informed and scientifically literate individual. The course covers measuring the Earth, minerals and rocks, the dynamic crust, surface processes and landscapes, Earth's history, meteorology, the water cycle and climates, astronomy, and environmental awareness. Students are expected to attend all lectures and labs, complete all assignments, maintain a notebook, and to be active participants in the learning process.

Chemistry R

Prerequisite: It is recommended that a student have successfully completed two Regents-level sciences and Algebra I. For advanced students, Algebra I and Biology.

Credit: 1
Required Exam: Chemistry: Physical Science Regents (typically taken in 10th or 11th grade)

This physical science course is designed to introduce students to the atomic and molecular world and its impact on the behavior of matter. Course content includes atomic structure, chemical bonding, chemical reactions, the organization of the Periodic Table, thermodynamics, reaction rates, phases of matter, solutions, acids and bases, and electrochemistry. By investigating these processes, students will develop analytical problem-solving skills, perform meaningful mathematical calculations, and participate in making and defending scientific arguments. Typically taken as a third regents science course, this upper-level class teaches students to formulate claims, collect qualitative and quantitative physical data, and both produce and justify conclusions based on evidence. In addition, successful completion of written lab reports, as well as three NYS required labs, is a prerequisite for taking the Regents exam at the end of the course.

Physics R

Prerequisite: It is recommended a student successfully complete two Regents-level Sciences & Algebra I

Credit: 1

This course is about the nature of physical phenomena in the topics of motion, forces, energy, electricity, magnetism, sound, and light. The importance of the role of physics in real life experiences and its connections to engineering are stressed. After taking this course, students frequently see the physical world differently. Students learn through demonstrations, problem solving, labs, projects, and other hands-on activities with an emphasis on students working in a group setting. Typically taken as a third or fourth regents science, students are not required take an exam at the end of the year, but they will complete all state-required labs and investigations necessary to take the Physical Science: Physics exam if they choose.

College Biology I/II

Prerequisite: Chemistry R (& Regents exam) and Teacher Recommendation or a completed Challenge Agreement
Credit: 1
College Course Fee: $316 per semester
AP Exam Fee: $100

This course's two main goals are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. Primary emphasis is on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this are personal experiences in scientific inquiry, recognition of unifying themes, and application of biological knowledge and critical thinking to environmental and social issues. After showing themselves to be qualified on the AP examination, some students, as college freshmen, are permitted to take upper-level courses in biology or register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory science course and will be able to take other courses to pursue their majors. Students

will receive four (4) credits each from SUNY Ulster for BIO 105 (Gen Bio I) and BIO 106 (Gen Bio II).

SUNY Ulster Description General Bio I: This is the first course in a two-semester sequence of BIO 105 and BIO 106. Topics of this lecture and laboratory course include the scientific method, evolution, basic chemistry, cell structure and function, metabolism and enzymes, cellular respiration and photosynthesis, cell division, and genetics. The laboratory component includes microscope work, examination of preserved and living specimens, and performing experiments with emphasis on the scientific method.

SUNY Ulster Description General Bio II: This is the second course in a two-semester sequence of BIO 105 and BIO 106. Topics of this lecture and laboratory course include a survey of the diversity of life: taxonomy and phylogeny of the prokaryotes, protists, fungi, green plants, and animals; an introduction to ecology; and a comparative survey of form and function in plants and animals. The laboratory component includes microscope work, examination of preserved and living specimens, and performing experiments with emphasis on the scientific method.

Students who take the Advanced Placement (AP) exam in Biology will receive the AP designation on their transcript.

College Chemistry I/II

Prerequisite: Chemistry R (& Regents exam), must have passed or be taking Algebra 2R, and Teacher Recommendation or a completed Challenge Agreement
Credit: 1
College Course Fee: $175 per semester
AP Exam Fee: $100

The goal of chemistry is to explain the behavior of matter with greater clarity and depth of understanding. As a second-year chemistry course, College Chemistry builds upon the foundational principles of Regents Chemistry and explores chemical processes from the perspective of both a scientist and an engineer. Course content includes both qualitative and quantitative components of stoichiometry, atomic theory, molecular shape, chemical reactions, thermodynamics, equilibrium, acid-based chemical applications, molecular interactions, electrochemistry, and chemical kinetics. Focus will be placed upon real-world applications, the development of critical thinking, process-based approaches to problem-solving, and metacognitive skills. In addition, students will produce college level lab reports that connect experimental observations with learned chemical theory. This course is administered in conjunction with SUNY New Paltz, and students can earn four (4) credits each for General Chemistry I (CHE 201) and General Chemistry II (CHE 202).

Students who take the Advanced Placement (AP) exam in Chemistry will receive the AP designation on their transcript.

College Physics I/II

Prerequisite: Pass two Regents-level Sciences, must have taken or be taking Algebra 2R Teacher Recommendation or a completed Challenge Agreement
Credit: 1
College Course Fee: $316 per semester
AP Exam Fee: $100

This course allows students to explore physical phenomena with an emphasis on group problem solving, lab activities, and engineering and coding applications. It is designed both for the student who has completed physics and wishes to continue studying the subject and the student who is taking physics for the first time. Students planning to study biology or medical sciences can satisfy their future physics requirements with this course, while students interested in engineering and physical sciences will gain a solid foundation in a subject that they will study for years to come. Specific topics of study include: Newtonian Mechanics, Electricity and Magnetism, Waves and Optics, and Modern Physics. Students can receive four (4) credits each from SUNY Ulster for PHY 101 (Physics I) and PHY 102 (Physics II).

Students who take the Advanced Placement (AP) Physics exam will receive the AP designation on their transcript.

Anatomy & Physiology

Prerequisite: None
Credit: 1

A basic course in Anatomy & Physiology will result in a more complete understanding of the principles of how the human body functions on a daily basis. Students interested in professions such as nursing, physical therapy, physical education, massage therapy, pharmacy, occupational therapy, and public health would benefit greatly from this introductory course. For many, this course is the first step on the path toward a rewarding and happy career in the health sciences. Students will learn through in class participation, note-taking, coloring of human anatomical structures, online assignments, labs and hands-on activities. This class requires **no homework, no tests and no studying**. Everything is done in-class.

Forensics

Prerequisite: None
Credit: 1

Forensic science focuses on the skills and concepts behind physical aspects of crime scene investigation. Students will use the principles of earth science, biology, chemistry and physics to conduct crime scene investigation and solve mock crime scenes in the classroom. Students will also analyze the science behind crime scene investigation in TV shows like CSI and NCIS. Topics of study include analysis of footprint/fingerprints, DNA, blood splatter, bullets/firearms , fabrics, tooth-marks, drugs, hair, tire marks, bones, skeletal remains, counterfeiting of money/checks,

documents and more. Students will learn through in-class participation, note-taking, mock crime scene analysis, online assignments, labs and hands-on activities. This class requires **no homework and no studying**. Everything is done in-class and tests are all open-book/open-group.

Organic Living

Prerequisite: None
Please Note: Rain/snow and gardening attire required, a hard work ethic, a desire to work outdoors in all weather conditions. Please notify instructor of any food allergies
Credit: 1

Do not take this course unless you are ready to roll up your sleeves and get dirty, cold and wet! Students will often be engaged in tasks which will result in getting a little dirty, cold and wet. Some of these activities include building outdoor shelters, building igloos, planting, mulching, harvesting, digging, moving rocks, landscaping, coal burning and cooking over a campfire. Students will be required to participate in all hands-on activities both indoors and outdoors for 2-4 days each week. There is no HW and there are no TESTS in this course. There are mandatory in-class weekly assignments.

This course will focus on various aspects of indoor and outdoor ORGANIC living and using natural resources. Emphasis is placed on intrinsic survival skills and values taught by natives from all cultures. Topics of study will include gardening, landscaping, fire, shelter, water, animal tracking, plant identification, tools, trapping, fish spearing, knife skills and outdoor food preparation. Students and parents must sign and follow the rules of the KNIFE CONTRACT to participate in this course.

Environmental Science

Prerequisite: None
Credit: 1

This course examines natural systems, adverse impacts of human activities upon these systems, and how society deals with these impacts. Topics may include ecology; biodiversity; forests and deforestation; human population growth and control; food production and world hunger; energy resources; and water and air pollution. In addition to the science of these topics, related politics, economics, and ethics are discussed.

Oceanography

Prerequisite: None
Corequisite: Astronomy (If have less than 3 science credits)
Credit: .5

Oceanography at its simplest is the study of the ocean. This multidisciplinary class will look at how the ocean forms and operates, including marine biology/marine chemistry, surface and deep sea currents, seafloor geology, ecology, and ocean conservation.

Astronomy

Prerequisite: None
Corequisite: Oceanography (If have less than 3 science credits)
Credit: .5

Step into the captivating world of stars, planets, galaxies, and the mysteries beyond! This Astronomy Elective offers high school students a hands-on, exciting introduction to the universe. Students will explore fundamental concepts such as the life cycle of stars, the structure of our solar system, the nature of black holes, and the latest discoveries in space exploration. The course blends theoretical knowledge with practical activities like stargazing and virtual simulations of cosmic phenomena.

Through interactive lessons, students will delve into the science of how we study space, from ancient astronomy to modern-day discoveries. Topics include the solar system, exoplanets, the history of space exploration, and the future of human space missions. Projects include charting constellations, observing celestial events, and analyzing the possibilities of life beyond Earth."

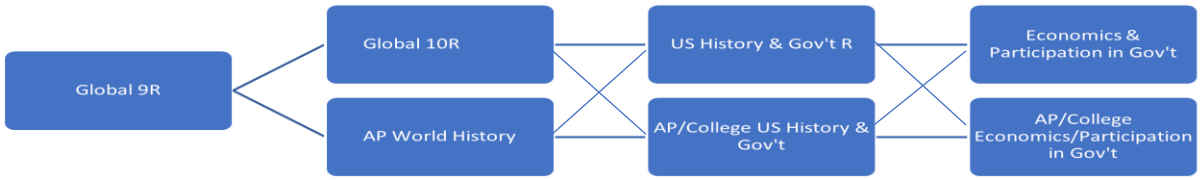
Science Workshop

Prerequisite: None
Credit: None

Science Workshop is designed to provide students with the prerequisite skills needed to understand and work with the standards that will be addressed in the student's core class. Students are selected for Science Workshop based on their performance on their Middle School science course average.

Social Studies

Students may opt in or out of AP/College social studies courses at any time based on teacher recommendation or by completing the AP/College Challenge Agreement.



Global History and Geography 9R

Prerequisite: None
Credit: 1 credit

The Global History and Geography I course is completed by students in their freshmen year. This content-rich course is the first of a two-course sequence. The curriculum is designed to focus on historical thinking skills, enduring issues in world history and nine units presented in chronological schema. The course provides the student with a broad and detailed exposure to human history – beginning with the origins of societies and civilizations and continuing through 1750 CE. The course affords the student the opportunity to explore regions and civilizations at various times in history and establish global connections and linkages that lead to an in-depth understanding. Units of study include the First Civilizations, Classic Civilizations, Political Powers and Achievements, Social and Cultural Growth and Conflict, Ottoman and Ming Civilization pre-1600, Transformation of Western Europe and Russia, Africa and the Americas pre-1600s and Interactions and Disruptions.

Global History and Geography 10R

Prerequisite: Successful completion of Global History & Geography 9R
Credit: 1 credit
Required Exam: Global History & Geography Regents Exam (typically taken in 10th grade)

Global History and Geography II is completed by students in their sophomore year. It is a content-rich course designed to focus on the five social studies standards, common themes that recur

across time and place, and five historical units. The curriculum provides students with the opportunity to explore what is happening in various regions and civilizations at a given time. In addition, it enables students to investigate issues and themes from multiple perspectives and make global connections and linkages that lead to in-depth understanding. As students explore the five social studies standards, they should have multiple opportunities to explore the content and intellectual skills of history and the social studies disciplines. Successful completion of the NYS Global History and Geography Regents examination is required at the conclusion of the course in June.

Units of study include: An Age of Revolution; A Half Century of Crisis and Achievement.

The 20th Century Since 1945; Global Connections and Interactions; and Methodology of Global History and Geography.

Advanced Placement (AP) World History: Modern

Prerequisite: Teacher Recommendation or a completed Challenge Agreement
Credit: 1
AP Exam Fee: $100
Required Exam: Global History & Geography Regents Exam (typically taken in 10th grade)

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. This course will prepare students for the AP exam in May and the NYS Global History and Geography Regents examination in June. This course includes substantial summer work that will cover units 1 and 2 of the AP curriculum. Students are required to complete this work and be ready to submit it for a grade on the first day of school.

United States History and Government 11R

Prerequisite: Successful completion of Global History & Geography
Credit: 1
Required Exam: U.S. History & Government Regents Exam (typically taken in 11th grade)

The United States History and Government course is completed by students in the junior year. Students will study American history with a focus on government from its colonial foundations to the present day. The course is designed to focus on historical thinking skills and how the United States government came to be created and has evolved throughout the history of the nation. Units covered include Historical Thinking Skills, Colonial Foundations, the American Revolution, Building a Nation, Sectionalism and the Civil War, Reconstruction, the Gilded Age and Progressive Era, the Rise of American Power, Prosperity and Depression, World War II, the Cold War and Domestic change. Successful completion of a Regents Examination is required at the conclusion of United States History and Government.

College U.S. History I/II

Prerequisite: Teacher Recommendation or a completed Challenge Agreement
Credit: 1
College Course Fee: $237 per semester
AP Exam Fee: $100
Required Exam: U.S. History & Government Regents Exam (typically taken in 11th grade)

The first semester of this course provides an overview of the United States from pre-colonial times to the Reconstruction Era. In addition to political developments, social, economic and cultural issues will be explored. Units of study include Pre-Columbian Civilization, Colonization, the American Revolution, the Constitution and Early Republic, Antebellum Reform Movements, the Market Revolution, the Age of Jackson, Manifest Destiny and the Civil War and Reconstruction. A midterm and final exam are required. Upon successful completion of the course, students may earn three (3) college credits for American History I through SUNY Ulster.

The second semester of the course provides an overview of the United States from Industrialization to the modern age. Topics of study include the Gilded Age, Western Expansion, Immigration, the Progressive Movement, Imperialism, World War I, the 1920s, the Depression, World War II, the Cold War, the Civil Rights movement, Social Reform Movements, and The Modern Age. A midterm and final exam are required. Upon successful completion of the course, students may earn three (3) college credits for American History II through SUNY Ulster.

Students who take the Advanced Placement (AP) American History exam will receive AP designation on their transcript.

Successful completion of a Regents Examination is required at the conclusion of this course.

Participation in Government

Prerequisite: None
Credit: .5

This course is required for graduation and is taken by students during their senior year. The Government course provides a capstone/culminating experience for students in the areas of civics, citizenship and government. There are several units of study that include Rights and Roles of Citizenship, Participation and the Electoral Process, Legal Obligations of Citizenship, Public Policy, and the Political Life of the Citizen and the Community. Students explore current issues and topics and analyze the concept of the Constitution as a Living Document. Students evaluate the interpretation, application and constitutionality of the First and Fourth Amendment in a school setting and relevant Supreme Court cases.

Economics

Prerequisite: None
Credit: .5

This course is required for graduation and taken by students during their senior year. The Economics segment of the course provides students with a basic understanding of economic concepts such as supply and demand, opportunity costs, the business cycle, resources, scarcity and economic growth. This course will also focus on the concept of personal finance management and present topics to the students in a particularly personal relevant manner. Topics will include personal income and money management, personal spending, credit, saving and investing strategies.

College Economics/Participation in Government

Prerequisite: Teacher Recommendation or a completed Challenge Agreement
Credit: 1
College Course Fee: $237 per semester
AP Exam Fee: $100 per exam (several options are available)

Macroeconomics introduces students to the study of the economy as a whole. Macroeconomics applies the basic principles of economics to whole economic systems and the relationship among sectors of the economy. Topics include unemployment, inflation, national income and employment theory, government expenditures and taxation, the role of the banking system, and monetary and fiscal policies. The course emphasizes the development of conceptual tools to analyze the economic problems facing modern society. Upon successful completion of the course, students may earn three (3) college credits for introduction to Macroeconomics through SUNY Ulster.

Microeconomics covers basic economic concepts such as consumer utility, supply, demand, diminishing marginal returns, substitution effect and profit maximization. Students will be provided with tools that will enable them to analyze the equilibrium and efficiency. Government interference including how the price floors, price ceilings, taxes and subsidies create inefficiency in the market will be covered in depth. Different types of markets will also be covered such as perfect competition, monopolistic competition, oligopolies, and monopolies. Upon successful completion of the course, students may earn three (3) college credits for Introduction to Microeconomics through SUNY Ulster.

Both portions of this course will have an emphasis on the civic literacy. Students will participate in community service projects, out-of-school internships and/or in class discussions that that put them in the role of active citizenship and allow them to define, analyze, monitor and discuss issues and government policy.

Students who take the Advanced Placement (AP) Microeconomics exam will receive AP designation on their transcript.

General Psychology

Prerequisite: None
Credit: .5

This course is offered to students in all grade levels. The General Psychology course is 20 weeks in length or the equivalent of one semester. The course focuses on the emerging research in Cognitive Neuroscience and the role of physiology/biology in human behavior and development. Topics include the nature vs. nurture debate, personality theory, motivation and emotion, developmental psychology, memory, cognition and language and intelligence. Final assessment may be either a cumulative exam or a book analysis chosen by the student or the teacher.

Abnormal Psychology

Prerequisite: None
Credit: .5

This course is offered to students in all grade levels. The Abnormal Psychology course is 20 weeks in length or the equivalent of one semester. The course examines the causation, symptomatology, and treatment modalities for a variety of psychological disorders. Topics include anxiety disorders, personality disorders, mood disorders, somatoform disorders and psychoses. Emphasis is on the relationship of the neurotransmitter systems and the presumed brain-based neurobiology that give rise to psychiatric disorders. Final assessment may be either a cumulative exam or a book analysis chosen by the student and the teacher.

CIA – Citizenship in Action: Inquiry in the Social Sciences

Prerequisite: None
Credit: 1

In this elective course, we will examine what it means to be a citizen in a democratic society and build connections to our community. We will study historic reform movements, local events and engage in present-day debates. Students will ultimately select one topic of significance to them and to our local area and create their own Community Action Project that will include members of our local community and build a lasting legacy. Each “Community Action Project” will be presented at the end of the year in a format unique to that student. The Capstone may be utilized for students wishing to earn the Civic Readiness Seal (pending NYSED approval).

Sports & Entertainment Marketing

Prerequisite: None
Credit: .5

Sports and Entertainment Marketing will be a full year course that introduces students to the basic marketing functions of financing, risk management, selling, promotion, pricing, purchasing, information management, product service planning, distribution and how sports and entertainment marketing products and services affect our economy. In this course, students will focus on using the career areas of sports and entertainment marketing systems to sustain skills associated with employment in the area of Sports & Marketing. This course is a student-centered course, offering students the tools necessary to enhance their 21st century skills.

Special Education

Collaborative Teaching – Within core subject areas

Collaborative teaching, where two educators take responsibility for planning, teaching, and monitoring the success of all learners in a class, looks different from day to day and classroom to classroom. Why? Collaborative teaching is a dynamic process that educators constantly reconfigure using different teaching models to fit their instructional plans and the learning needs of their students. A general education teacher and a special education teacher will collaborate in this effort.

Collaborative Teaching is offered in the following courses:

- English 9R, English 10R, English 11R, Voice & Identity in Society
- Next Generation Algebra I, Next Generation Geometry
- Global History & Geography 9R, Global History & Geography 10R, U.S. History 11R
- Life Science: Biology, Earth & Space Sciences

15:1 Self-Contained (Foundations) Classes

Prerequisite: None
Credit: 1 per self-contained course

This program is designed for students who have challenges in the areas of reading, writing, and mathematical concepts. Regents level curriculum is presented at a slower pace with more attention on skill development. Students complete their core coursework (English, math, social studies, science) within this program.

Instructional Skills 9/10

Credit: 1

This class will provide explicit instruction in Career Development and Occupational Studies Standards, specifically focusing on reading, writing, math, speaking and listening in conjunction with soft skill development. Students in 9th and 10th grade will participate in a work-based learning lab designed to give them skills for entry level employment. This course also provides students with opportunities to work with a special education teacher to improve individualized education plan (IEP) goals and get assistance with core content areas.

Transitional Skills 11/12

Credit: 1

This class will provide explicit instruction in 21st century workplace skills by providing students with the opportunity to develop communication skills, critical thinking skills, creativity, and collaboration. Students will engage in career exploration, research, resume writing, interview training, money management, and other transitional skills to prepare students for life after high school. This course also provides students with opportunities to work with a special education teacher to improve individualized education plan (IEP) goals and get assistance with core content areas.

STEM

Computer Science I

Prerequisite: None
Credit: 1

Ready to unlock the secrets of the digital world? In this course, you'll dive headfirst into the exciting realm of Computer Science and learn the skills that are shaping the future. From coding to building systems, you'll explore the cutting-edge ideas driving today's tech revolution. Through hands-on projects, you'll get to play with real-world concepts, boost your problem-solving powers, and build the skills that top employers are looking for. Whether you're curious about how apps come to life or how the internet really works, this course is your ticket to mastering the technology that's changing everything.

AP Computer Science

Prerequisite: Computer Science I
Credit: 1
AP Exam Fee: $100

Ready to earn college credits and become a coding pro? AP Computer Science is your ticket to mastering the world of programming while preparing for the AP Computer Science A exam. You'll dive into key topics like designing programs, developing algorithms, writing clean code, testing your creations, and exploring ethical computing. With hands-on lab time, you'll get to tackle real projects and build your skills from the ground up. Whether you're aiming for college credit or just want to level up your coding game, this course will set you up for success in the fast-paced world of tech!

Principles of Engineering

Prerequisite: None
Credit: .5

Do you love solving challenges and getting hands-on with cool tech? Then Principles of Engineering is your perfect match! In this course, you'll dive into different engineering fields and build real world skills with drones, robotics, and 3D printing. The STEM lab is where you'll explore engineering concepts and gear up for future innovations. Whether you're building a robot or designing the next big invention, this class will spark your creativity, boost your problem-solving skills, and kickstart your journey into the world of engineering.

Video Production

Prerequisite: None
Credit: 1

Lights, camera, action! In Video Production, you'll dive into the world of filmmaking and learn everything from planning and scripting to editing, lighting, and mastering camera settings. This hands-on class lets you work with professional video tools and gives you a chance to play a key role in our school's morning announcements. But that's just the beginning. You'll also have the chance to create short films, music videos, commercials, and more- building a portfolio while picking up valuable skills in media production. Ready to bring your creative ideas to life on screen?

Digital Literacy & Foundations of Artificial Intelligence

Prerequisite: None

Credit: .5 & .5

In this course, you'll develop the essential skills to navigate the internet safely and communicate like a pro online. You'll learn about internet safety, netiquette, and how to present yourself professionally- skills that employers really value. On alternate days, you'll dive into the fascinating world of Artificial Intelligence (AI)! Through discussions and hands on projects, you'll explore AI's ethical challenges, discover how to use it for personal and professional growth, and even create your own chatbot. With AI changing the game in every industry, this course gives you a head start in understanding the future of tech.

Ulster BOCES Career & Technical Education (CTE)

The Ulster BOCES Career & Technical Center, located in Port Ewen, offers dozens of high-tech training programs that lead to in-demand jobs in competitive fields. Graduates leave the program ready for college and the workforce. Students can also gain real-life experience and build employment references through participation in apprenticeship programs with area employers. The program is available to juniors and seniors and is typically taken as a two-year program. For detailed program descriptions, please visit the Ulster BOCES Career & Technical Center website https://www.ulsterboces.org/students-of-all-ages/career-education-for-high-school/ctecourses.

Career & Technical Programs	
Agriculture and Natural Resources	Finance Academy
Automotive Technology	Graphic & Visual Arts
Aviation/Drone	Heating, Ventilation & Air Conditioning
CISCO, Cybersecurity, Network Admin & AI	Health Occupations Exploration Program
Cosmetology	Law & Public Service
Culinary Arts	Music Production & Sound Engineering
Digital Design & Programming	Nurse Assistant (Seniors only)
Early Childhood/Educational Studies	Robotics & Advanced Manufacturing
Electrical Construction & Maintenance	Small Engines Mechanics Repair
Fashion Design & Merchandising	Welding & Metal Fabrication

Academic Courses
English 11 Integrated/Pull-out – 1 credit
Common Core Technical English Integrated -- .5 credit each year
Common Core Technical Math Integrated – .5 credit each year
Common Core Technical Science Integrated - .5 credit each year
Technical Health Integrated (Nurse Asst. & Health Occupation Only) - .5 credit
Social Studies 12 Government Integrated (Law & Public Service only) - .5 credit

Ulster BOCES New Visions Programs

The New Visions Career Exploration programs place high school seniors beside local professionals, giving them an opportunity to witness the translation of knowledge into performance. The educational experience provides a college-bound student with the information necessary to make a career choice by design, not default. The program utilizes the community as a learning tool. Honors-level English, Participation in Government, and Economics curricula are applied to careers being explored. Through planned internships, New Visions student "experience" hands-on learning and the application of knowledge in the workplace.

Students experience New Visions as a half-day program. The other half of the day they are free to take courses at Highland High School. Students earn 1 high school credit for English 12 (and 6 college credits), .5 high school credit for Economics, .5 high school credit for Participation in Government (and 3 college credits), and 2 high school elective credits for New Visions. Students who enroll in New Visions-Health can also earn .5 credit for their required Health credit towards graduation.

In the winter of each school year, representatives from the New Visions program visit Highland High School to present their programs to all juniors. Interested students should complete an interest questionnaire at the time of the presentation or see their School Counselor for an application and further details.

New Visions Programs
Advanced Robotics & Engineering
Music & Audio Engineering
Education
Health

Extracurricular Activities

Athletics
Baseball, JV
Baseball, Varsity
Basketball, JV
Basketball, Varsity
Bowling, Varsity
Cheerleading, Varsity
Cross Country, Varsity
Flag Football, Girls Varsity
Football, Modified
Football, Varsity
Golf, Girls Varsity
Golf, Boys Varsity
Lacrosse, Girls Varsity
Lacrosse, Boys Varsity
Soccer, JV
Soccer, Varsity
Softball, JV
Softball, Varsity
Swimming, Varsity
Tennis, Varsity
Track, Varsity
Volleyball, JV
Volleyball, Varsity Winter Track, Varsity
Wrestling, Varsity

Clubs/Activities
Art Club
Art Honor Society
Audio-Visual (AV) Club
Board of Education Student Representative
Chess Club
Class Officer
Concert Choir
Concert Band
Dance Club
Fed Challenge
Fit Club
Foreign Language Club
Future Medical Professionals Club
Gender & Sexualities Alliance
Interact Club
Jazz Band
Junior Youth Peer Advocates
Math Team
Model UN
Multicultural Club
Musical
Peer Leadership
Peer Mediation
Science Olympiad
Ski Club
Students Against Destructive Decisions (S.A.D.D.)
Student Council
Vegetarian/Animal Rights Club
Yearbook