

<b>ENGLISH 9</b>	Grade: 9	
Length: 40 weeks	Credit: 1.0	
Prerequisite: None	Level: R	
<p>English 9 will be following the Common Core Curriculum in preparation for the ELA examination. It is comprised of two primary components: literature and composition. In the literature portion of the course, students will learn to make connections between life and literature while also learning to view ideas from diverse perspectives. This part of the course also emphasizes reading comprehension and the analysis of literature in four genres: the short story, the novel, drama and poetry. Major works include <u>The Odyssey</u>, <u>Romeo and Juliet</u>, and <u>The Giver</u>. The composition portion of the course compliments the literature and emphasizes analytical skills and the writing process, as well as grammar and mechanics. Students will also be introduced to research and will compose a research paper utilizing the MLA format. This course follows closely with the curriculum of Global Studies 9.</p>		

<b>ENGLISH 9 ACCELERATED</b>	Grade: 9	
Length: 40 weeks	Credit: 1.0	
Prerequisite: Teacher Recommendation	Level: ADV	
<p>This course is intended to challenge the more academically able student and designed for students who exhibit outstanding abilities and skills in English. In addition to skills covered in the regular freshman English course, the content of this course will be accelerated and enriched to provide an extensive study of grammar, vocabulary, composition, and literature.</p>		

<b>ALGEBRA IA</b>	Grade: 9	
Length: 40 weeks	Credit: 1.0	
Prerequisite: Completion of 8 <sup>th</sup> grade Math.		Level: R
<p>This is part I of the 2 year Common Core Algebra I course. Students will study the relationships between quantities, reasoning with equations, graphs, statistics, and linear and exponential functions. Students are placed in this course based on results of 8th grade testing and a recommendation from the 8<sup>th</sup> grade teacher. After completion of this course students will take a local final exam which will count as 15% of their final grade and will advance to Algebra IB.</p>		

<b>ALGEBRA I</b>	Grade: 9	
Length: 40 weeks	Credit: 1.0	
Prerequisite: Completion of 8 <sup>th</sup> grade Math		Level: R
<p>This course will cover the entire Common Core Algebra I in one year. Students will study quantities, expressions, equations, graphs, statistics, functions, polynomials, quadratics and more. Students are placed in this course based on results of 8th grade testing and a recommendation from the 8<sup>th</sup> grade teacher.</p> <p>After completion of this course students take the Algebra I Regents Exam which will count as 15% of their final grade and will advance to Geometry.</p>		

<b>GEOMETRY</b>	Grade: 10, 11	
Length: 40 weeks	Credit: 1.0	
Prerequisite: Completion of Algebra I or Algebra IB course		Level: R
<p>This course will cover a thorough study of geometric concepts involving polygons, circles, coordinate geometry, proofs, logic, locus, quadratic equations, and more.</p> <p>After completion of this course students will take the Geometry Regents Exam which will count as 15% of the final grade and will advance to Algebra, or Problem Solving.</p>		

<b>EARTH SCIENCE – REGENTS</b>	Grade: 9	
Length: 40 weeks	Credit: 1.0	
Prerequisite: None		Level: R
<p>Earth Science incorporates four branches of Science including Astronomy, Meteorology, Oceanography and Geology. Students will explore the Cosmos with a focus on our own Solar System including our neighboring stars, the Sun, planets, the moon and our own Earth. Students will discover the nature and history of our dynamic planet learning about the forces that influence, affect and create the landscape around us. We will investigate the forces of gravity, wind, water, plate tectonics, weather systems, and volcanology that help to change our planet in our daily life. Critical thinking skills will prepare you for the ever changing and new technological advances in society. Earth Science Lab is required and is incorporated into the students schedule to follow the Earth Science Class. Students will perform experiments that are analogous to the functioning Earth.</p>		

<b>LIVING ENVIRONMENT – REGENTS</b>	Grade: 9, 10	
Length: 40 weeks	Credit: 1.0	
Prerequisite: None	Level: R	
<p>This class focuses upon biological processes such as photosynthesis, cellular respiration and protein synthesis. We will immerse ourselves into the body systems and take an in-depth view on digestion, circulation, excretion, reproduction, skeletal and muscle systems, to name a few. There will be videos throughout the year that reinforce the class topics. Additional topics of study will include Evolution, as we follow in the footsteps of Charles Darwin, and Genetics as we look at the findings of the Austrian Monk Gregor Mendel. We will also look at the interactions of organisms in their food webs with a unit on Ecology. There will be several projects that allow students to demonstrate their knowledge of the class material in creative ways. This course features four New York State required labs. You will be tested on these four labs on the Regents Exam.</p>		

<b>GLOBAL STUDIES 9</b>	Grade: 9	
Length: 40 Weeks	Credit: 1.0	
Prerequisite: None	Level: R	
<p>Ninth grade Global Studies covers ancient world history. The curriculum contains the themes of world history, geography, economics, and political systems from pre-history to 1750. The ninth grade curriculum has 5 units of study, 5 continuous themes and the four Regents standards integrated within it.</p>		

<b>SENECA I</b>	Grade: 9,10,11,12	
Length: 40 Weeks	Credit: 1.0	
Prerequisite: None	Level: R	
<p>This course develops comprehension and conversational skills in the Seneca language. Students will be able to communicate using the Seneca language. Emphasis will be placed on using the Seneca alphabet to read and write the language. Iroquois traditions will be studied. Offered only to repeaters who have not successfully completed the 8th grade comprehension exam.</p>		

<b>SENECA II</b>	Grade: 9,10,11,12	
Length: 40 Weeks	Credit: 1.0	
Prerequisite: Student must complete foreign Language Proficiency Exam, teacher recommendation.	Level: R	
<p>A concentration of advanced conversational skills. There is an emphasis on Seneca/Iroquois culture. Students will continue to develop listening, speaking, reading and writing skills at an advanced level.</p>		

<b>SPANISH I</b>	Grade: 9,10,11,12	
Length: 40 Weeks	Credit: 1.0	
Prerequisite: None	Level: R	
<p>This course is offered to students that have failed the proficiency exam and/or Spanish 8 and must repeat Spanish. Students develop the skills necessary to read, write, speak and listen in Spanish at a beginner level. The goal of this class is to be able to form simple sentences in order to communicate at a basic level. These students must take this class in order to earn their foreign language credit necessary for graduation.</p>		

<b>SPANISH II</b>	Grade: 9,10,11,12	
Length: 40 Weeks	Credit: 1.0	
Prerequisite: Student must complete foreign Language Proficiency Exam, teacher recommendation.	Level: R	
<p>This is an intermediate course in which students begin to learn grammar at a more advanced level, such as communicating in the past tense. Students will continue to build on their vocabulary, listening, reading and writing abilities through more informal as well as formal communicative interactions. A more student centered approach will be taken, in which students will begin writing more fluid sentences, paragraphs and essays in Spanish on their own. Emphasis will be placed on reading for comprehension, as students continue to develop their vocabulary and begin reading longer passages in Spanish.</p>		

<b>STUDIO ART</b>	Grade: 9,10,11,12	
Length: 40 Weeks	Credit: 1.0	
Prerequisite: None	Level: G	
<p>This course is the foundation level course which is required for all high school art majors. Studio Art is a year long introduction to the nature, functions and techniques of the visual arts, in the past and present. Students must complete all course work and homework at no less than a proficient level.</p> <p>*This course fulfills the 1 credit for the Fine Arts graduation requirement</p>		

<b>KEYBOARDING</b>	Grade: 9, 10, 11, 12	
Length: 20 WEEKS	Credit: 0.5	
Prerequisite: None	Level: G	
<p>Keyboarding provides students with the opportunity to identify and operate a computer keyboard using proper fingering techniques. The course includes study of basic page layout and design structure and computer graphics to produce professional-looking documents such as letters, tables, spreadsheets, MLA reports, as well as the creative production of flyers, advertisements, certificates, business cards, and brochures. Students will be creating their own movies. Students will also learn the basics of how to research the career they are interested in pursuing.</p> <p><b>*required for CTE endorsement for MOUS, Accounting and Computer Graphics</b></p>		

FINANCIAL MANAGEMENT	FINANCIAL MANAGEMENT	Grade: 9, 10, 11, 12
Grade: 9, 10, 11, 12		

Length: 20 weeks	Length: 20 weeks	Credit: 0.5	Credit: 0.5
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Prerequisite: None	Prerequisite: None	Prerequisite: None	Level: G
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This course stresses such items as use of banking facilities, credit usage, insurance usage to manage personal risk, and completing of Federal and State Tax forms. This course will examine and give students ideas and ways that they can begin to work on the building of their personal wealth. Various investment options will be examined and the students will complete an investment portfolio as part of the course requirements. Upon completion of the course the students should understand aspects of financial literacy.

<b>CAREER PLANNING</b>	Grade: 9, 10, 11, 12	
Length: 40 weeks	Credit: 1.0	
Prerequisite: None	Level: G	
<p>This course delves into all aspects of gaining employment. Topics covered include the students developing their own career plans, practicing interviewing techniques, developing resumes, and other pertinent information for obtaining job-related aptitudes.</p> <p><b>*required for CTE endorsement for MOUS, Accounting and Computer Graphics</b></p>		

<b>DESIGN AND DRAWING FOR PRODUCTION</b>	Grade: 9, 10, 11, 12	
Length: 40 weeks	Credit: 1.0	
Prerequisite: None	Level: G	
<p>This is a Technology and Art Education course which upon completion will fulfill their fine art requirement needed for graduation. Design and Drawing for Production is also the start to a sequence in Technology and possibly a career. Course content includes orthographic projection, pictorial drawing, sections, auxiliaries, revolutions, and single view drawings. At the end of the course students will have the chance to explore two CAD programs. This course is open to all 9<sup>th</sup> -12<sup>th</sup> grade students and is a prerequisite for CAD.</p> <p>*This course will meet the 1 credit Fine Arts graduation requirement.</p>		

<b>CHORUS</b>	Grade: 9, 10, 11, 12	
Length: 40 weeks	Credit: 1.0	
Prerequisite: None	Level: G	
<p>The student will be given the opportunity to appreciate and perform a variety of music in three or four part harmony. Through performances, the student will develop a love of choral music and be a performer and an appreciative listener the rest of their lives.</p> <p>*Band/Chorus will fulfill the 1 Fine Arts graduation requirement.</p>		

<b>SENIOR HIGH SCHOOL CONCERT BAND</b>	Grade: 9, 10, 11, 12	
Length: 40 weeks	Credit: 1.0	
Prerequisite: None	Level: G	
<p>This course will give experienced students the opportunity to improve their instrumental skills through ensemble and solo situations. Students will learn how to read music and rhythms at a higher level. A rotation system is used for pull-out-of-class lessons for this course. Performances and concerts in and out of the school are a mandatory part of the course requirement.</p> <p>*Students can take both Chorus and Band together</p> <p>*Band/Chorus will fulfill the 1 Fine Arts graduation requirement.</p>		

<b>GUITAR</b>	Grade: 9, 10, 11, 12	
Length: 20 weeks	Credit: 0.5	
Prerequisite: None	Level: G	
<p>Using technology students will develop basic self-teaching skills utilize resources to develop proficiency when playing the guitar. Students will learn to read tablature, standard music notation, and chord symbols; using each of these, students will develop their ability to autonomously develop flexibility in their own learning styles and preferences.</p>		

<b>MUSIC THEORY</b>	Grade: 9, 10, 11, 12	
Length: 40 weeks	Credit: 1.0	
Prerequisite: It is essential that the student know how to read music as a prerequisite to taking this course.	Level: G	
<p>The student will be able to take simple rhythmic and melodic dictation. They will study the fundamentals of music - major scales, minor scales, intervals, chord structure, and introduction to composition and arranging, etc. This course is designed for Band and Chorus students.</p>		

<b>PIANO</b>	Grade: 9, 10, 11, 12	
Length: 40 weeks	Credit: 1.0	
Prerequisite: None	Level: G	
<p>Students will be able to demonstrate basic rudiments of playing piano/keyboard. We will explore different ways to learn songs including: traditional notation, piano chords and by ear. This half-year course will include development of musicianship skills, guided practice, independent practice, guided learning and independent learning. Upon completion of Piano 1, students will be able to play basic repertoire.</p>		

<b>HEALTH EDUCATION</b>	Grade: 9, 10, 11, 12	
Length: 20 weeks	Credit: 0.5	
Prerequisite: None	Level: G	
<p>The World Health Organization states that “Health is a state of complete physical and social well-being, not merely the absence of disease or infirmity.” Health is a dynamic, multi-dimensional state of well-being (physical, mental, emotional, social, and spiritual) that is variable, constantly changing and never stable. Upon completion of the course, a student will have a basic understanding of the following components of Health.</p> <p><u>Mental Health</u> – The student should be able to think clearly, express feelings, make responsible decisions and handle stress.</p> <p><u>Family &amp; Social Health</u> – The student will become aware of family relationships, family change, parenting, friendship and dating skills, effective communication and peer pressure.</p> <p><u>Nutrition</u> – The student will become aware of nutritious eating habits, eating disorders, weight control and consequences of improper nutrition.</p> <p><u>Drug</u> – The student will attain a foundation for responsible decision making in the use of medicine, in prevention, treatment, rehabilitation, and legal action in the misuse and abuse of chemicals.</p> <p><u>Disease &amp; Disorders</u> – The student will explore various communicable diseases and disorders.</p> <p><u>Community and Environment</u> – The student will study ways to maintain and promote the health of people and places around you.</p>		

<b>PHYSICAL EDUCATION - Full year requirement</b>	Grade: 9, 10, 11, 12	
Length: 40 weeks	Credit: 0.5	
Prerequisite: None	Level: G	
<p>A change of clothing is needed – sneakers, shorts or sweatpants, t-shirt or sweatshirt; a swimsuit and towel is needed for pool activities.</p> <p>Over twenty activities are offered with an emphasis on lifetime sports. Students are required to take two or three activities each marking period. Students are graded on attendance, participation, social skills and unit skills. The only time a student can receive credit without participation is a medical excuse from the doctor and they will need to complete a physical education work packet.</p> <p><b>** 2 credits of Physical Education are required for graduation.</b></p>		