

Course Catalog

2023-2024

Math Course Descriptions

6th Grade Math

There are 5 major units of study in Grade 6 Mathematics. They are Ratios and Proportions, The Number System, Expressions and Equations, Probability and Statistics, and Geometry.

7th grade Math

There are 5 major units of study in 7th grade mathematics. They are: Ratios and Proportions, The Number System, Expressions and Equations, Statistics and Probability, as well as Geometry.

8th Grade Math

There are 5 major units of study in 8th grade mathematics. They are: Functions, The Number System, Expressions and Equations, Statistics and Probability, as well as Geometry.

9th Grade: Algebra 1 (1 HS credit)

This one-credit course examines algebraic topics such as equations, inequalities, graphing equations and inequalities, linear and exponential relationships, quadratic functions, and statistics. The course ends with a Regents exam in June. Course prerequisite: Successful completion of Math 8, scoring at least a 2 on the Math 8 exam.

9th Grade: Algebra 1A (year one of a two year course) (1 HS credit)

There are 5 major units of study in Common Core Algebra. They are: Descriptive Statistics, Linear and Exponential Functions, Expressions and Equations, Polynomial and Quadratic Functions, and Modeling Functions.

Algebra 1B (year two of a two year course): (1 HS credit)

This one-credit course is the second year of the Two-Year Algebra 1 class. Students continue their study of algebra topics, taking the Algebra 1 Regents exam in June. Course prerequisite: Successful completion of Algebra 1A with a passing average.

Geometry (1HS credit)

This course examines geometric topics such as congruence, similarity, right triangles, trigonometry, circles, expressing geometric properties with equations, geometric measurement and dimension, modeling with geometry and proofs. The course ends with a Regents exam in June. Course prerequisite: Successful completion of Algebra 1 with at least a 65% on the Regents exam.

Algebra 2 (1HS Credit)

This course examines advanced algebraic topics such as functions, linear equations, exponential and logarithmic functions, quadratics and their transformations, radicals, complex numbers, the quadratic formula, polynomials and rational functions, trigonometric functions, probability and statistics. The course ends with a Regents exam in June. Course Prerequisite: Successful completion of Geometry with at least a 65% on the Regents exam.

Financial Math A, Financial Math B (½ HS Credit each)

This two-semester course examines the mathematics of personal finance and uncovers the psychology of why we make the financial decisions we do. Students investigate how to manage their money in a modern digital economy, with a goal of improved financial decisions. Core knowledge and current events in following topics will be explored: finding a career, calculating income, state and federal taxes, completing 1040 forms, budgets, banking, philanthropy, managing credit & your credit score, housing costs & racial discrimination, investments, financial ethics, and entrepreneurship.

College Pre-Calculus (Paul Smith's MAT 180) Dual Enrollment:

This full year course examines discrete mathematics, functions, polynomials, exponents and logarithms, analytic geometry, trigonometric functions, triangle trigonometry, polar coordinates, and an introduction to calculus that covers functions, and limits. Course prerequisite: Successful completion of Algebra 2 with at least a C average.

College Statistics (1/2 Year Fall Semester) Dual Enrollment

NCCC Elementary Statistics MAT 121 Course Prerequisite 75 in Algebra or POI*

This is a 3 credit course offered at Schroon Lake Central School through North Country Community College There are four major units of study in College Statistics. They are Critical Thinking, Organizing and Describing Data, Bivariate Data, and Inferential Statistics. You may obtain a copy of the individual topics and the order they are covered throughout the year at any time from my classroom.

College Algebra (1/2 Year Spring Semester) Dual Enrollment

NCCC Course prerequisite ; 75 in Algebra 2 or POI*

This is a 3 credit course offered at Schroon Lake Central School through North Country Community College. The course is an extension of concepts taught in Algebra I and Algebra II. Thus, students should have a solid background in those high school courses before taking College Algebra. Topics covered in College Algebra include: Linear Functions, Polynomials, Factoring, Quadratic Functions, as well as Rational Expressions and Logarithms. Evaluation of student's work for College Algebra will be a combination of class presentations and chapter exams.

English Language Arts Course Descriptions

6th Grade ELA

This is a Common Core, standards-based class, emphasizing reading and analyzing literature, reading-foundation skills: writing, speaking and listening and language. We will read and respond to, *A Dog's Purpose* by W. Bruce Cameron,, *The Little Prince* by Antoine de Saint-Exupéry, and *War Horse* by Michael Morpurgo.

6th Grade Reading

Reading instruction in the 6th grade is designed to meet the needs of all students by providing them with instruction specifically designed to help them comprehend the complex vocabulary and content of text and to increase their motivation to read.

To improve students' reading comprehension, various before, during and after reading strategies are used such as activating prior knowledge, inferring, monitoring-clarifying, questioning, searching-selecting, summarizing, and visualizing. All instruction and assignments are based on the Common Core Standards in ELA.

7th Grade ELA

This is a Common Core, standards-based class, emphasizing reading literature, informational texts, reading-foundation skills; writing, speaking and listening and language. We will read and respond to *The Outsiders* by S.E. Hinton, *The Call of the Wild* by Jack London, *My Brother Sam is Dead* by the Colliers, short stories, drama, current news articles, folklore, and poetry.

8th Grade ELA

This is a Common Core, standards-based class, emphasizing reading literature, informational texts, reading-foundation skills; writing, speaking and listening and language. We will read and respond to *The Giver* by Lois Lowry, *The Legend of Sleepy Hollow* by Washington Irving, *A Christmas Carol* by Charles Dickens, *The Pearl* by John Steinbeck, *A Midsummer's Night Dream* by William Shakespeare, short stories, current event articles and poetry.

9th Grade ELA

This is a Common Core, standards-based class, emphasizing reading literature, informational texts, reading-foundation skills; writing, speaking and listening and language. We will read and respond to *Romeo and Juliet* by William Shakespeare, *Of Mice and Men* by John Steinbeck, *Maus* by Art Spiegelman, Edgar Allen Poe's Collection of short stories and poem, other classic short stories, current event articles and poetry.

10th Grade ELA

There are four standards in English: reading, writing, listening, and speaking. It is our objective to increase proficiency in each of these areas while striving toward mastery. In addition, this class will be working towards readiness for the Common Core English Regents which students will take during their junior year. Skills which your child has already been exposed to, such as utilizing in-text citation and supporting claims using text based evidence, will be expanded upon. In addition, students will gain an understanding of research methods, source evaluation, thesis development, outlining, writing using MLA citation, and editing. This understanding of the writing process is critical for college readiness.

11th Grade ELA

There are four standards in English: reading, writing, listening, and speaking. It is our objective to increase proficiency in each of these areas while striving toward mastery. In addition, this class will be working towards readiness for the Common Core English Regents which students will take in January. Through thematic units we will increase our understanding of the reading and writing process and perhaps gain an appreciation for literature. In addition, students will gain an understanding of research methods, source evaluation, thesis development, outlining, writing using MLA citation, and editing.

12th Grade ELA

There are four standards in English: reading, writing, listening, and speaking. It is our objective to increase proficiency in each of these areas while striving towards mastery. Thematic units will expose students to both informational and literary texts to increase our understanding of the reading and writing process. Students will also gain an understanding of research methods, source evaluation, thesis development, outlining, writing using MLA citation, and editing. As a final grade, students will be required to complete a portfolio. This assignment will be a culmination of specific writing pieces, edited and compiled, for reference after high school.

College English 101- DUAL ENROLLMENT (½ year Fall semester Senior year) ½ HS credit NCCC Composition 1,

ENG 101: This a 3 credit course offered at Schroon Lake Central School through North Country Community College. English Composition 1 emphasizes development of the writing process and key skills required in writing clear, concise, and effective essays using various rhetorical devices.

Special attention will be given to a research paper requiring MLA documentation. Students may earn three college credits in this course.

College English 102- DUAL ENROLLMENT (½ year Spring semester Senior year) ½ HS Credit

ENG 102: This a 3 credit course offered at Schroon Lake Central School through North Country Community College. English Composition II emphasizes reading and writing essays with particular attention given to the generation, development, and presentation of ideas. Studying the role of tone and style, as well as developing critical thinking skills to assist with communicating complex ideas, are key components of this course. Students may earn three college credits in this course.

College English 120- DUAL ENROLLMENT (½ year Spring semester Junior year)

NCCC ENG 120 - Short Fiction

This is a 3 credit course offered at Schroon Lake Central School through North Country Community College which develops a critical awareness of short fiction, specifically the short story and the novella. Students will study writing techniques in fiction, including plot, theme, characterization, setting, and style.

***It is important to note, failure in a college level class may result in a student being ineligible to graduate. Therefore, teacher recommendation to college courses is required.**

Creative Writing: (1/2 HS Credit) This course is an introduction to the art of creative writing and publishing. Class participants will write and revise pieces in a number of genres including personal essays, short stories, poetry, and we will also dabble in smaller, unique projects such as designing greeting cards. The central focus of the class will be on various processes for creating; using mentor texts as inspiration and models, and learning from, providing, and listening to feedback. Most importantly students will learn to engage in a supportive, creative community that empowers individual curiosity and artistic risk taking. **Offered 2024-2025**

Mythology: (1/2 HS Credit)

Do you love to read? Do you love adventure? If you answered yes to both of those questions, then you'll want to join this class. In this course, we will discuss the different Gods and Goddesses that the ancient Greeks/Romans and Egyptians worshiped. We will also be covering mythological stories that have been passed down from generation to generation. Its purpose is to expose students to a variety of mythological and legendary allusions common in world literature. Some gods took part in the story of creation, some brought about blessings and protection while others were masters of the dead, the afterlife and the underworld. Creative, manipulative, ambitious and passionate; these are the stars of ancient civilizations. A variety of film, music, and art will be used to enhance student understanding and appreciation of mythology and its influence

Science Course Descriptions

6th Grade Science

Students use science and engineering practices and general science themes to explore phenomena in the areas of earth and space.

7th Grade Life Science

Life science is the study of all things living as well as the interactions among them. Life science encompasses the living environment, cells, ecosystems, ecology, life characteristics, human systems, genetics, reproduction, and evolution. Life science is a precursor to the New York State Intermediate Level Science Examination that is administered to all students in 8th grade. Much of the scientific knowledge students gain in Life Science class will be part of that examination.

8th Grade Physical Science

Physical science is the study of chemistry and physics related topics. Some of the topics include energy, motion, forces, Newton's Laws, machines, waves, earth, space and electricity. Physical science prepares students for the New York State Intermediate Level Science Examination that is administered to all students in 8th grade. Much of the scientific knowledge students gain in physical Science class will be part of that examination.

Regents Earth Science (9th Grade) (1HS Credit)

Earth Science is a blend of many different sciences, including geology, meteorology, oceanography and astronomy. Earth scientists in these different specialties study and model the processes that change our planet. Some of these changes take place in a matter of seconds; others take millions of years to occur. The interaction of Earth's systems are dynamic and the processes have an effect on both living and nonliving things. Earth's systems interact with each other, they shape life on Earth and change Earth's surface.

Regents Living Environment (10th Grade) (1HS credit)

Biology is the science that employs scientific methodology to study living things. The study of biology revolves around several interlocking big ideas: The cellular basis of life; information and heredity; matter and energy; growth, development, and reproduction; homeostasis; evolution; structure and function; unity and diversity of life; interdependence in nature; and science as a way of knowing. This course is divided into 6 main units that focus on these big ideas. Each unit is correlated with NYSED Living Environment commencement level core standards. This regents level course requires the successful completion of 30 lab hours before one can take the Living Environment Regents Exam.

Regents Chemistry (1 HS Credit) Prerequisites for this course are Regents Living

Environment and Regents Earth Science. Chemistry is the science that employs a scientific methodology to study the composition of matter and the changes matter undergoes. The study of chemistry revolves around five traditional areas of study: organic chemistry, inorganic chemistry, biochemistry, analytical chemistry, and physical chemistry. This course is divided into units that focus on each area and are correlated with NYSED Physical Setting - Chemistry commencement

level Core standards. This regents level course requires the successful completion of 30 lab hours before one can take the Chemistry Regents Exam.

Physics - (Recommended 12th Grade) (1 HS credit) Recommended Prerequisite, Algebra 2 (Juniors may be accepted pending teacher approval)

Physics is the study of just about everything! From reading a poem, to shooting an arrow, to manipulating DNA ... it covers the how and why with much detail. A basic understanding of physics will give us all a better understanding of the world around us including the workings of our own body! So get ready to explore the science that Newton described in his 3 Laws and Einstein made famous with his simple, yet elegant formula, $E=mc^2$.

Anatomy and Physiology (1 HS credit)

Anatomy and Physiology is an in-depth study of the specific functions and structures of the tissues, organs, and systems of the human body. An emphasis is placed on the interrelatedness of such systems as the skeletal, muscular, nervous, and circulatory. This course demands extensive preparation outside of class and will include labs to physically demonstrate the mechanical principles with a mandatory cat dissection.

Environmental Science (11th and 12th grade) (1 HS credit) Prerequisites for this course are successful completion of Regents Earth Science and Regents Living Environment

Environmental Science I is a research based course that explores the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will focus on the relationship of humans with the natural environment. Students will investigate case studies; Participate in hands-on activities; Complete original research projects; and prepare presentations. Prerequisites for this course are successful completion of Regents Earth Science and Regents Living Environment.

Social Studies Course Descriptions

6th grade: The Eastern Hemisphere

Grade 6 Social Studies is based on the geography and history of the Eastern Hemisphere, including the development of cultures, civilizations, and empires; interaction between societies; and the comparison of trends in government and economics. It also incorporates some elements of other social sciences. The course begins with an examination of the Eastern Hemisphere today using geographic skills. This provides the foundation to make connections between the past and the present throughout the course. The remainder of the course is divided into seven Key Ideas that cover a time span from prehistory into the 1300s. Students are provided the opportunity to explore belief systems across time and to examine the foundations of democracy.

7th & 8th grade United States History

In Grades 7 and 8, students examine the United States and New York State through a historical lens. The two-year sequence is arranged chronologically beginning with the settlement of North America by Native Americans and ending with an examination of the United States in the 21st century. The courses also integrate the skills and content from geography, politics, economy, and culture into the study of history.

9th Grade Global Studies (1 HS Credit)

Grade 9 begins with the Paleolithic Era and the development of the first civilizations, continues with an examination of classical societies, and traces the expansion of trade networks and their global impact. The course emphasizes the key themes of interactions over time, shifts in political power, and the role of belief systems.

10th Global Studies (1 HS Credit)

Grade 10 provides a snapshot of the world circa 1750. The course continues chronologically up to the present. Several concepts are woven throughout the course including industrialization, nationalism, imperialism, conflict, technology, and the interconnectedness of the world. The last three Key Ideas focus on global issues applying a more thematic approach. Students will take the Global History and Geography Regents exam at the end of this course.

11th Grade United States History and Government (1 HS credit)

Grade 11 begins with the colonial and constitutional foundations of the United States and explores the government structure and functions written in the Constitution. The development of the nation and the political, social, and economic factors that led to the challenges our nation faced in the Civil War are addressed. Industrialization, urbanization, and the accompanying problems are examined, along with America's emergence as a world power, the two world wars of the 20th century, and the Cold War. Students explore the expansion of the federal government, the threat of terrorism, and the place of the United States in an increasingly globalized and interconnected world. The culminating assessment is the United States History and Government (Framework) Regents exam.

College U.S. History I (½ HS Credit) - DUAL ENROLLMENT NCCC HIS 151 This a 3 credit course offered at Schroon Lake Central School through North Country Community College. Frontier psychology, isolationism, and regional interests are major topics to be examined in the study of the early development of American civilization to the Civil War. Prerequisite: Teacher recommendation

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College U.S. History II (½ HS Credit) - DUAL ENROLLMENT NCCC HIS 152

This a 3 credit course offered at Schroon Lake Central School through North Country Community College. Industrialization and America's emergence as a major world power are focal points in the study of modern America from the Civil War to the present. The culminating assessment is the United States History and Government Regents Framework exam. Prerequisite: Teacher recommendation.

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12th Grade Participation in Government and Civics

This course aims to provide students with opportunities to become engaged in the political process by acquiring the knowledge and practicing the skills necessary for active citizenship. National, state and local governments are all studied in this course. Participation in government and in our communities is fundamental to the success of American democracy. This course includes a required service-learning component.

College American Government & Politics - (½ HS Credit) - DUAL ENROLLMENT POS 102

This a 3 credit course offered at Schroon Lake Central School through North Country Community College. A study of the political development, structure, governmental processes, and political parties of the United States. Offered through North Country Community College Prerequisite: Teacher recommendation.

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12th Grade Economics, the Enterprise System, and Finance (½ HS Credit)

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

College Introduction to Macroeconomics - (½ HS Credit) DUAL ENROLLMENT ECO 101

This a 3 credit course offered at Schroon Lake Central School through North Country Community College. This course provides an Introductory study of macroeconomics, including the American economic system, national income, employment, fiscal policy, money, monetary policy, and economic growth. Prerequisite: Teacher recommendation.

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Introduction to Personal Finance and Microeconomics

Preference: 10th-12th graders offered every other day full year

taxes, the tax system, lending, debt, credit scores, income and expenses, and how to navigate the American economy as an individual. Most Americans would say this is something they wished they learned more about in school. This course dives into an understanding of microeconomics and personal finance in the United States as both a preparation for and an extension of the 12th-grade Economics curriculum. This course will prepare students for life beyond high school with both a historical approach to understanding the finance system, and a hands-on approach to personal finance, and analyze current events related to this course.

Model United Nations (MUN)

Preference: 9th and above Offered every other day full year

The Model United Nations course combines current events and human geography course with debating, public speaking, intensive research, and an emphasis on writing. Students will start the course with a broad investigation of the world, researching important topics that face the UN and international community, and current events as they relate to the course. As the course progresses, preparation and simulation of Model UN Conferences will be beginning. Ultimately, the hope is that some students will attend nearby local MUN Conferences and compete. The course culminates with a return to current events and solutions-based research.

Introduction to Psychology (1/2 Credit Fall Semester)

This course provides a systematic study of mental functioning and human behavior. Topics include perception, cognition, emotion, motivation, development, social psychology, personality, and abnormality. Theoretical perspectives and psychological research methods will be applied to better understand individual and group behavior. Enrollment open to juniors and seniors.

Introduction to Sociology (1/2 Credit Spring Semester)

This course provides a systematic study of society, social institutions, and social behavior. Basic sociological concepts pertaining to cultural heritage, social stratification, social class and mobility, gender issues and ageism, and social change are explored. Sociological theory and research methods are applied to common sociological institutions such as the family, religion, education, and law. Enrollment open to juniors and seniors.

“Reel History” – American History Through Film (full year elective - ½ credit) meets every other day

This course explores the ways in which popular Hollywood films construct the historical past, the ensuing battles among historians and the public over Hollywood’s version of American history, and the ways that such films can be utilized as historical documents themselves. We will consider films as products of the culture industry; as visions of popularly understood history and national mythology; as evidence for how social conflicts have been depicted; and as evidence of how popular understanding and interpretations of the past have been revised from earlier eras to the present

Physical Education and Health Course Descriptions

6-12 Physical Education (1/2 HS Credit)

This course provides students the continuing opportunity to learn through a developmentally appropriate, comprehensive sequentially planned physical education program aligned with the New York State Physical Education Standards. The focus of this course is to provide a variety of lifetime and team oriented activities. To provide the knowledge, skills and necessary tactical concepts with the goal of quality game play at the High School level. Another vital part of the Middle School curriculum is the assessment and maintenance of physical fitness to improve health and performance, and the requisite knowledge of physical fitness concepts, principles and strategies. Students will be expected and encouraged to develop psychological and sociological concepts, including self-responsibility, positive social interaction, and group dynamics, in the learning and performance of physical activity.

Physical Education Goals:

1. Improvement in physical fitness
2. Exposure to a variety of team and individual sports, fitness, and lifetime activities
3. Learning to respect the rights, abilities, and feelings of others
4. Obtaining a basic knowledge of rules and strategies in various activities
5. Improvement of skill, encouraging effort, and participation
6. Promote good health practices and proper hygiene
7. Develop the concept that: We are responsible for our own actions.
8. Promoting an attitude of teamwork and cooperation.

7th and 8th Grade Health (1/2 Year)

In this class, students will study a number of basic health principles. Main topics include nutrition, physical health and exercise, managing stress, self-esteem, family relationships and personality development. Class discussions are a large part of the course. All students will be encouraged to participate in discussions throughout the semester.

MUSIC COURSE DESCRIPTIONS

7th Grade Music Every other day ½ year course

Students will be involved in listening, analyzing, composing and improvising music, as well as playing instruments and singing. Students will receive a numerical grade through this exploratory hands-on approach to learning about music. Students will learn about different styles and time periods of music, compose, and create music in class. Units of study include composition, music theory and notation, introduction to keyboard, and ukulele.

Music activities to be taught:

- Music Theory Workbook
- Experiment with music and compose original pieces.
- Use music technology to facilitate composition and music reading skills.
- Listen to and learn about different musical styles and composers throughout history.
- Respond to music from many genres through a daily music listening journal.
- Play many instruments including the keyboard, guitar, and percussion.

8th Grade Music Every other day ½ year course

The purpose of the general music class is to expose students to a wealth of information regarding the fundamentals of music, how music is created, various genres of music and the relationship of music to other cultures and curricular areas. Keeping in line with the New York State Music Standards, the class will complete activities that focus on the performance indicators from each standard. Every 8-10 weeks students will be presented with a concept aligned with the standards.

Overview of the units to be taught in this course:

World Drumming and writing a percussion ensemble piece in 6/8 time signature, ABA form, and using nursery rhymes as a base.

Piano/Guitar unit which includes I, IV, V harmony in several keys and improvising in the 12 Bar Blues. Identifying differences between blues/Jazz.

Exploring Careers in Music includes guest interview, electronic sources research, poster and oral presentation.

Physics of music/sound unit, simple experiments and “stomp” activity creating music in an unconventional way.

Pre K - 5 Music - Meets 2x a week on a 6 day cycle

4--6 Chorus & 7-12 Chorus (1/2 Credit) Meets every other day all year

Students meet three times per six-day rotation for approximately 40 minutes each time. In the choral program, music will be studied and rehearsed from a variety of musical styles and will include texts that are both sacred and secular. Students will participate in activities that include sight singing, listening and evaluating, basic vocal technique, reading music notation, singing individual parts, and expression.

5/6 Concert Band Meets every other day all year

Students in 7-12 Band will learn the art of musicianship and performance, and be challenged to improve their musical abilities. This group will perform three times over the course of the year, at the Winter Concert, Pops Concert, and Spring Concert. Students will also have opportunities to perform with a larger group at CASMA and individually at NYSSMA. Performance music will be drawn from traditional concert repertoire, popular music, musical theater, and movie soundtracks. 5/6 Band meets every other day for the whole school year.

7-12 Concert Band ½ HS Credit Meets every other day all year

Students in 7-12 Band will learn the art of musicianship and performance, and be challenged to improve their musical abilities. This group will perform four times over the course of the year, at the Veteran's Day Assembly, Winter Concert, Pops Concert, and Spring Concert. Students will also have opportunities to perform with a larger group at CASMA and individually at NYSSMA. Performance music will be drawn from traditional concert repertoire, popular music, musical theater, and movie soundtracks. 7-12 Band meets every other day for the whole school year.

Junior Jazz band Grades 7 & 8 ½ HS credit in 9th grade Meets all year Every other day

The Junior Jazz Band is a performing ensemble for advanced, hard working musicians. This group will study, rehearse, and perform pieces in a concert jazz style. The pieces performed by this group will be more challenging than those performed in the concert band. Performances will be the same as the Concert Band performances. Jazz Band meets every other day for the whole school year.

9-12 Senior Jazz Band ½ HS credit in 9th grade Meets all year Every other day

The Senior Jazz Band is a performing ensemble for advanced, hard working musicians. This group will study, rehearse, and perform pieces in a concert jazz style. The pieces performed by this group will be more challenging than those performed in the concert band. Performances, in addition to the regular concerts, include the Christmas in Town concert and the Pep Rally. Jazz Band meets every other day for the whole school year.

College Music Theory - (½ HS Credit) DUAL enrollment MUS 103A (11th-12th Grade)

Every other day all year

This a 3 credit course offered at Schroon Lake Central School through North Country Community College. In Music Theory, students will learn how to analyze the language of music. By understanding the tools used by a composer to create music, students will better be able to identify the things that they enjoy when listening to music. Listening to music and basic compositional skills will also be covered. Music Theory meets every other day for the whole school year

College Music Appreciation-(½ HS Credit) DUAL enrollment MUS 100 or General Credit

This a 3 credit course offered at Schroon Lake Central School through North Country Community College. An introduction to music history starting with renaissance music and continuing through contemporary music. Students will be exposed to a variety of music theories, cultures, genres, and facts about music in our world and society. Students will analyze utilizing structure, composition, form and history.

Intro to Drama: High School 9-12th Grade ½ HS credit

_This course will include acting warm-ups, such as Alexander Technique to improve Public Speaking, 7 pillars of Stanislavski to help create in-depth characters, Linklater Voice Method, Meisner, etc. Students will also learn theater etiquette, scene study/character development, improvisation, historical text analysis, production design, playwriting, performance applications, elevated text analysis, stage combat, choreography, make-up design, and historical context.

Art Course Descriptions

6th 7th and 8th Grade Art

This is a three year program. These classes are designed to teach students an overview of Fine Art including techniques and history. This course includes an introduction to art history and an exploration of media such as drawing, painting, design, and sculpture. Students in 7th grade will participate in the International Lion's Club Peace poster contest and both groups will make and select personal artwork for display at the annual art show, during the *Celebration of the Arts* in the spring.

Studio Art (1HS Credit)

This a full year course intended to build and refine techniques and explore a variety of art media. Students explore both two- and three-dimensional materials throughout the course and look at well-known artists and art movements as inspiration for their work. Throughout each project, students focus on the elements of art and principles of design in order to create works of art. Projects are critiqued personally and in a group, teaching students to reflect upon and evaluate their own work. Students exhibit artwork in the annual art show, *Celebration of the Arts*, and may choose to take part in several student shows throughout the course of the school year including *the Juried Show* at the Hyde Collection in Glens Falls.

Studio Drawing and Painting (1 HS Credit)

This a full year course intended to build and refine techniques on a two dimensional surface. The first half of the year focuses on drawing techniques and concepts. Students work from real life observations as well as from our imagination to generate a variety of works in diverse materials. Later in the year we explore painting and color theory. Students look at well-known artists and art movements as inspiration for their work. Throughout each project, students focus on the elements of art and principles of design to create interesting compositions. Projects are critiqued personally and in a group, teaching

Art Appreciation I or II (1HS credit)

Offered to 11th and 12th grade students

This course is designed to investigate art history, individual artists, and the possibilities of art materials. Students begin the year with foundations; examining the elements of art and principles of design. A variety of artworks are created through experimentation, problem solving, self- and peer-critique, collaboration, and self-expression. We consider well-known artists and art movements from Ancient Egypt to contemporary art created today, as inspiration for artwork. Students build a diverse art portfolio, keep a sketchbook for at-home assignments and in-class sketches, and select and prepare their own artwork for the art show during *Celebration of the Arts* in the spring. Students may choose to take part in several student shows throughout the course of the school year including *the Juried Show* at the Hyde Collection in Glens Falls.

Family and Consumer Science Course Descriptions

Home and Career Skills 7 and Home and Career Skills 8 (1/2 Year Each)

offered every other day half year

Home and Career Skills is a program designed to prepare students to meet their present and future responsibilities as family and community members, consumers, home managers and wage earners. The goal of home and Career Skills is to educate students to think constructively, make sound decisions, solve problems and manage resources. Emphasis will be on Career Exploration, Caring for Children, Nutrition and Your Health, Learning to Cook, Management Skills, Clothing and Textiles and Learning to Sew.

International Foods (1/2 Year) ½ HS credit Daily

With a strong emphasis on nutrition, this course will explore food preparation and culture. International Foods teaches students to work in the kitchen, using tools, recipes and safe methods. Students will explore consumer decisions as they learn about planning meals and shopping for foods. Information on all types of food will be studied. This course introduces students to the ways in which culture and traditions of regions and countries influence food choices. Students will examine the issues and conditions which affect the availability and quality of food in the local and global market; understand and appreciate diverse cultures.

Housing/Interior Design (1/2 Year) ½ HS credit Daily

Housing/Interior Design examines the relationship of housing to people's needs, to society, culture and technology. Student's trace the development of architectural styles, study consumer housing issues they will encounter, the art principles and elements of design in planning interiors. Students will apply these art principles and elements to specific room designs Including kitchens bathrooms, etc. The final project will be to design a floor plan for an entire house. A collection of all student work will be assembled into a portfolio.

Introduction to Family and Consumer Science (1/2 year)

Intro to FACS is an introductory course with an emphasis on Food Preparation, Kitchen Principles including Safety, Skill Development, Nutrition and Consumer Practices. It will also cover Child Development and Care as well as Clothing and Textiles, with an emphasis on Sewing Skills through Project Work.

High School Health (1/2 Credit) ½ year

During this class students will be introduced to a number of new topics as well as review those discussed in middle school. Topics could include, but are not limited to the following: Physical health, nutrition, exercise, mental health, self-esteem, tolerance, bullying, social responsibility and behavior, personality development, family and peer relationships, sexuality, stress recognition and management. Most of the topics will include in depth discussion in which the students will be asked to offer their views or opinions.

Technology Course Descriptions

Grade 4, 5 & 6 STEM Offered 2 days out of a 6 day cycle

7th Grade Technology and 8th grade technology (1/2 year each)

Technology is the practical use of knowledge to expand human abilities to satisfy human wants and needs. This involves turning natural materials into useful products. Technology provides us with most things we use in society. This course will cover six general topics: Energy and Power, Biotechnology, Communication, Manufacturing, Construction and Transportation.

Design & Drawing for Production (DDP): (1 HS Credit)

Students in DDP will learn the design process through application. Students will solve real world problems through the design process from drafting a set of plans to building a model and prototype and finally a finished product. *Design and Drawing for Production (DDP) is an approved course to meet the one unit of art/music requirement for graduation for all students.

Residential Building & Energy Systems (1 HS Credit) Not offered 2023-2024

This course will cover the essentials of residential home construction, repair, and general maintenance. Students in this course will learn to use the tools and techniques of framing, home electrical, heating and cooling, and other systems.

Transportation Systems: Second Semester ½ year

Explore the systems that make up the transportation industry, learn the basics of vehicle maintenance, how automotive and marine engines work, and how to perform basic service on them. This course will have a lab component every other day in the bus garage.

Electrical Systems: First semester ½ year

Learn the basics of electricity, how it is generated, how to put it to use, and even how to control it with microcontrollers. Explore electrical systems for everything from our homes and cars to alternative energy and power generation.

Introduction to Coding and Robotics Programming: (½ HS Credit) second semester

The first half of this course provides an introduction to programming techniques and methods using the C++ programming language. This course covers the necessary skills in algorithm logic and syntax to create and write computer code. Students will use problem-solving methods and algorithm design techniques to create problem solutions in the C++ programming language. During the second half of this course students will construct robots using Lego EV3 robotics kits. Students will use the knowledge and programming skills they learned in the first half of this

course to program robots using RobotC. They will create programs that direct the robots to solve problems posed in various challenges.

Production Design and Development 1 credit meets all year daily

This course will give students an introduction to the process of how products are developed from a simple idea to something that can ultimately be made and sold successfully. The course will take students through the entire process from coming up with an idea for a new product to producing and selling that product. Topics to be covered include:

- The Design Process and idea development.
- Building prototypes
- Testing a product and making adjustments.
- Collecting feedback data from potential customers
- Calculating product cost and potential sales.
- Building a finished product of high quality.

Video Production and Editing I: (¼, ½ or 1 HS Credit) Every other day all year

This course covers the necessary skills in video production and editing to create a quality video. Students learn the skills they need in video equipment operation, essential production elements, and video editing to create their own video projects. The skills students learn will be applied throughout the school year to creating a school news video, contributing to a school newsletter, creating highlights of sporting events, and capturing major school events. Students are also required to participate in the recording and live streaming of at least one sport or after-school event per marking period (such as board meetings, basketball games, school assemblies, etc.) Additional topics include basic animation, advanced editing skills (special effects, music, and sound production), and production process (storyboarding and screenwriting).

Video Production and Editing II: (¼, ½ or 1 HS Credit) This course is for students who have completed the course “Video and Production Editing I”. This course is intended for students who want to continue to apply the skills and knowledge they learned in video production and editing to independently produce and edit videos to be used in the school video news, school social media and the school newsletter. Students will be required to brainstorm ideas, plan video production, record scenes for their video, and edit to produce their final product. Students will also be required to participate in the recording and live streaming of school sports and school events. This course requires students to be self-motivated to complete video projects and to be able to work independently.

Spanish Course Descriptions

6th grade Beginning Spanish

This is an exploratory course that introduces students to simple Spanish vocabulary as well as a basic introduction to the 4 main language skills: speaking, listening, reading and writing. Students will learn vocab such as introductions, colors, weather and feelings through puzzles, games, stories, and songs. This course provides the beginner student with basic communicative skills in Spanish. We will also learn and explore various aspects of Hispanic culture, such as Hispanic Heritage month, Spanish speaking countries, and holidays. The goal is to get everyone comfortable working in Spanish and gain respect for other cultures around the world.

7th Grade- Introduction to Spanish

This course is a continuation of what students have learned in 6th grade Spanish. We will spiral all vocabulary learned in 6th grade as well as many other topics, such as home, community, animals, food, and clothing. This course provides the student with basic communicative skills in Spanish, grammar fundamentals and the concept of verb conjugation. Expectations for students will grow as they are expected to speak and write in simple sentences. We will also explore various aspects of Hispanic culture, such as holidays and traditions carried out in Spanish speaking countries. The goal is to get everyone confident in using the Spanish language and learn about other cultures around the world.

8th Grade - Spanish I

In this course, students expand their introductory knowledge of Spanish past simple vocab words and begin to build basic sentences and paragraphs. Emphasis on being able to recall vocabulary from 6th and 7th grade will be essential as we will continue to use the 4 language skills to use Spanish in a more practical and realistic way. Students will be able to understand and engage in conversations in limited contexts. We will also complete simple readings in Spanish in the form of short stories, skits and dialogues. Students will learn the language and also study the daily life and culture of the people who speak Spanish through various activities. The goal will be to continue building on grammar and vocabulary to improve communication skills. **At the end of this course, the students will take a proficiency test that is required for their high school diploma.**

9th - 12th grade (as needed) - High School Spanish

This course is designed for high school students who need the foreign language proficiency credit requirement needed for graduation. This class explores many previous topics studied in middle school, but moves at a somewhat faster pace to ensure students have all necessary requirements needed for high school credit within one year. Students will complete activities that practice simple Spanish vocabulary as well as the 4 language skills (speaking, listening, reading, and writing) to communicate in the target language. We will also explore various aspects of Hispanic culture, such as holidays celebrated in the Spanish speaking world.

9-12 grade Spanish: La vida de un autor (½ year elective - fall semester)

This course is designed for students who have an interest in learning Spanish and furthering their language studies. We will learn Spanish in a more non-traditional way through reading short stories that have 100 of the most common words. Through reading we will work on pronunciation and build large vocabulary lists that students will be able to use for their own conversation. The goal is to build a large base of vocabulary words for students so that they are able to learn simple Spanish language quickly to communicate for future endeavors, such as employment or travel.

9th - 12th grade Spanish: Español por obras de arte (½ year elective - spring semester)

This course is designed for students who have an interest in Spanish language and culture and would like to explore it through various artistic activities. We will discover Spanish language and culture through projects related to current music, Hispanic artists/art, author studies, dance and cuisine. The goal is to learn Spanish vocabulary related to appreciate both Spanish language and culture through the many different forms of art that it has to offer

French Course Descriptions

French III/French IV (1 HS credit)

This class is offered remotely, synchronous with a daily zoom meeting with targeted face to face sessions each quarter

This class emphasizes communication skills and is a continuation of the French curriculum. In order to communicate in the language, students continue to develop skills in listening, speaking, reading and writing. The teacher uses primarily French in class to promote oral and listening proficiency, with English used for in-depth explanations when needed. Topics studies emphasize the everyday life of adolescents in French-speaking cultures to promote students' cultural understanding and appreciation as well as language development. The students take a Regents equivalent exam at the end of this course.

Farm to Table (1/2 credit course)

This course will take you from the basics of plants and why they are important -- all the way to the production of fruit and vegetables. You will discover the necessity of having good soil, and how to correct the soil composition in your yard. The gardener's best friend is the composter, and the beginning gardener needs to understand just what composting is and why it's such an important skill. Becoming more aware of the ecology of our world and how we can work with it rather than against it is a side benefit of this course.

You will also learn about plant hardiness and planting zones; about the most important date in a gardener's life: the date of the last spring frost. You will learn about plant propagation, the proper care of seedlings, and how to care for newly transplanted additions to your garden. This basic gardening class, will give the novice gardener all the information necessary to begin the most popular U.S. hobby to date: gardening. Part of the course will also revolve around livestock care. Interested students should be ready to get their hands dirty as they help organize and maintain the school chicken flock

Driver Education (1/2 Credit)

The purpose of this class is to teach young drivers safety and responsibility while operating a motor vehicle. Students are expected to apply the practices learned in class to their everyday driving. Driver Education is a NY State approved course designed to introduce new drivers to the many rigors of everyday driving. This class stresses safety and responsibility that is associated with driving as well as provides students with the skills necessary to attain a NYS driver's license. The New York State Department of Education requires a minimum of 24 hours of classroom instruction as well as 24 hours of laboratory time in the vehicle. Lab time is specified as 6 hours of driving and 18 hours of observation.

Vocational Courses Offered to Juniors and Seniors Through the CVTEC Mineville Campus

BOCES (open to 11th and 12th graders)

_____ 037 New Visions	_____ 767 VT: Early Childhood 2
_____ 788 Anat & Physiology	_____ Med Terminology
_____ 80902 VT Graphic Communications I	_____ 907 VT: Nat resource Mgt 1
_____ 911 VT: Allied Health 1	_____ 912 VT: Allied Health 2
_____ 913 VT Marine Academy 2	_____ 914 VT: Welding 2
_____ 920 VT Security Law 1	_____ 921 VT: Culinary Arts 2

For descriptions of these courses, please go to the CVTEC webpage

<https://www.cves.org/cv-tec/cv-tec-career-programs/>

