**Ellicottville Central School**

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2024-2025

Course Catalog

#### To Students and Parents:

Our 2024-2025 Course Catalog is prepared to assist students and parents in making choices for the next school year. Mrs. Eddy and Mr. LaCroix will be meeting with all Middle and High School students to plan their courses for the coming school year and to review their progress towards graduation. The course requests will be sent home with students for parents to review, sign and return to the Guidance Office. After course selections are made, the Master Schedule will be designed to best meet the needs of students. Student schedules for the fall will then be prepared and distributed.

Please call Mrs. Eddy or Mr. LaCroix at 699-2316 if you have any questions or would like to set up a meeting to discuss course selection for your son/daughter.

**Guidance Office**

All students in grades K-12 have a school counselor assigned to them who will meet and discuss career objectives as well as day-to-day needs that may require adult input or advice. Mr. LaCroix will be working with students in grades K-7. Mrs. Eddy will be working with students in grades 8-12.

Students are reminded that career information, scholarships, college information, details on the Armed Services, and all information for SAT’s, ACT’s, FAFSA, and other related information are available in the Guidance Office.

**Course Load**

Every student in high school shall be registered for a minimum load of 6 credits for each of the four years, grade 9 through 12 plus Physical Education.

**ECS GRADUATION REQUIREMENTS**

# I. REGENTS DIPLOMA

1. Course Requirements

ENGLISH 4 units PHYS. ED. 2 units

SOCIAL STUDIES 4 units ART/MUSIC 1 unit

MATH 3 units HEALTH .5 units

SCIENCE 3 units PERSONAL FINANCE .5 units

FOREIGN LANG. 1 unit

\*Must have 24 credits to graduate

1. Exam Requirements

EARTH SCIENCE **OR** BIOLOGY REGENTS

ALGEBRA REGENTS

GLOBAL STUDIES REGENTS

ENGLISH 11 REGENTS

US HISTORY REGENTS

# II. ADVANCED REGENTS DIPLOMA

1. Course Requirements

ENGLISH 4 units PHYS. ED 2 units

SOCIAL STUDIES 4 units ART/MUSIC 1 unit

MATH 3 units HEALTH .5 units

SCIENCE 3 units PERSONAL FINANCE .5 units

FOREIGN LANG. 3 units

\*Must have 24 credits to graduate

1. Exam Requirements

EARTH SCIENCE & BIOLOGY REGENTS

ALGEBRA, GEOMETRY, & ALGEBRA 2/TRIG REGENTS

COMPREHENSIVE LOTE EXAM

GLOBAL STUDIES REGENTS

ENGLISH 11 REGENTS

US HISTORY REGENTS

In addition to the two diploma types, students can be awarded either diploma with Advanced Designation if they meet the requirement of attaining a 90% **average** on all of the Regents Exams that they take.

**6-12 Grading System**

Numerical grades are used with 65% as the lowest passing grade. For the first two quarters, grades below 50% will be recorded as \*50 and averaged accordingly. The 3rd quarter, 4th quarter and the final test grades will be recorded as earned. The final grade in all courses will be figured in the following manner: take the 4 quarterly grades and the final exam grade and divide by 5.

Students who receive “incomplete” grades have 5-weeks to make up the grade or it will automatically become a \*50. In order to earn course credit a student must receive a final grade average of at least 65%. Regent’s credit is earned by successfully completing a course (65%) and passing the appropriate Regents examination.

**Weighting for Class Rank**

In order to determine class rank, the Board has a revised policy that will be effective starting with the ninth grade class of 2009 (the graduating class of 2013).

The five (5) required Regents exams are not weighted. Students who take and successfully pass any additional Regents exam and/or other non-regents subjects that have also been identified as subjects receiving weighting for class rank will receive a weighted grade. (All of the courses have been identified in the course offerings.) Students taking a more demanding schedule will be rewarded for their efforts. The cumulative student average of all passed courses and/ regents would be multiplied by a factor of .01 for each weighted course a student takes and successfully passes. For example, if a student takes two weighted courses, the cumulative average will be multiplied by .02.

Class rank is updated every semester with final class rank for seniors determined at the end of the third quarter.

* Only the average of grades earned in classes taught at Ellicottville Central School by ECS teachers (including Distance Learning classes taught by ECS staff) through the end of the third marking period of the senior year will be used to determine class rank.
* Course credits earned in other high schools or in summer schools other than those conducted or endorsed by Ellicottville Central School District will not be used in determining the final selection of a valedictorian, salutatorian or a “top 10 graduate.”
* Only college level courses offered at ECS and taught by ECS teachers will be considered weighted courses by a factor of .01 per 3 credit course. Such courses will be used in determining a student’s final GPA and class rank. College level courses taken in any other manner will not be used in determining a student’s final GPA and class rank. In some cases a student may take a college level course as an elective for local credit only. In these cases, the class grade will not be weighted.
* A Student taking on-line courses, Distance Learning courses taught by non-ECS teachers and independent study courses will earn the proper respective credit for such classes towards fulfilling his / her graduation requirement, but these courses will not be used in determining a student’s final GPA or class rank.

**Drop/Add Policy Process**

1. Students and parents are advised that they should consider course selection carefully and the selection of courses at the time represent a firm commitment to scheduling decisions.

2. Student schedules will be mailed in August. All schedule changes should be made prior to the 1st day of school.

3. All requests to change a schedule must be made in writing no later than two weeks after the start of the class.

4. Drop requests after the two-week grace period will not be honored. Extenuating circumstances must be recognized by the following parties for an exception: student, current teacher, parent, counselor, and principal.

**Academic Intervention Service (AIS)**

AIS is a program mandated by the New York State Department of Education to take place when a student scores below or has been determined to be at risk of performing below the State designated performance level on one or more of the State assessments in English language arts, mathematics, science and / or social studies. The State assessments include; the NYS 3-8 Assessments and Regents examinations. Each student enrolled in an AIS class will receive individualized instruction specifically designed to address areas in which he / she needs to build improve his / her skills and achievement.

**No Doubling-English or Social Studies**

Students will not be scheduled to take 2 or more English or 2 or more Social Studies classes at the same time due to failure. For example: if a student fails English 9 he/she will have to retake it in summer school or take it the following year. Students will not be permitted to take English 10 until English 9 has been successfully completed. Seniors will be exempted from this policy, if doubling will allow the completion of graduation requirements.

**Failed Courses**

Students failing any high school course may retake the course in summer school (when available) or in the following school year. See student handbook for more information on summer school. **Students who are re-taking a course during the school year will be required to take the corresponding final/Regents exam at the conclusion of the course.**

**Honor Roll**

Students achieving an average of 90% or higher will be placed on the “High Honor Roll” while students achieving an average of 85% to 89.9% will be listed on the “Honor Roll.” An “Incomplete” prevents honor roll eligibility (only exception will be physical education).

**College Courses**

College level courses are available on our campus, taught by ECS teachers, in the following subject areas:

**English, Math, Social Studies, Spanish, & Business**

Students are eligible to receive credit from Jamestown Community College and Syracuse University

Please note the requirements for each college course varies.

Students need to keep in mind that the primary goal of Ellicottville Central School is to provide a quality high school education; not a college level education. The intent of offering these courses is to provide students that demonstrate a true readiness for such courses a variety of opportunities while still in high school. The intent is not to provide a student with the opportunity to enroll in as many college courses as possible during the junior and senior years of high school.

ECS also realizes that a student may wish to challenge his / herself to take a college level course, only to find out that he / she is not ready for the demands of a particular class. In these cases, and only in the case of a college course, the drop date ECS will use will be the one provided by the college.

Students must remember however, that his / her schedule must still contain at least 6 credit bearing courses and that all graduation requirements must be met before a course can be dropped.

Students need to keep in mind that while many colleges will recognize and accept the credits earned in these courses, there is no guarantee that the college a student attends will accept these credits.

ECS Administration, upon teacher and/or counselor recommendation, reserves the right to limit the number of college-credit bearing courses taken by a student to ensure success.

The following section provides students with valuable information such as prerequisites needed to enroll in a specific course.

**JAMESTOWN COMMUNITY COLLEGE COURSES**

INTRO TO BUSINESS­-Students must meet the following criteria:

Ranked in top 10% of class

PSAT reading-560+

Seniors-unweighted GPA of 80%+

Juniors-English 10 or 11 final grade of 90+

PERSONAL FINANCE- Students must meet the following criteria:

Ranked in top 10% of class

PSAT reading-560+

Seniors-unweighted GPA of 80%+

Juniors-English 10 or 11 final grade of 90+

PUBLIC SPEAKING- Students must meet the following criteria:

Ranked in top 10% of class

PSAT reading-560+

Seniors-unweighted GPA of 80%+

Juniors-English 10 or 11 final grade of 90+

COMPUTER APPLICATION SOFTWARE- Students must meet the following criteria:

Ranked in top 10% of class

PSAT reading-560+

Seniors-unweighted GPA of 80%+

Juniors-English 10 or 11 final grade of 90+

**ALGEBRA 1 REGENTS 75+**

ENGLISH COMPOSITION I- Students must meet the following criteria:

Ranked in top 10% of class

PSAT reading-560+

Seniors-unweighted GPA of 80%+

Juniors-English 10 or 11 final grade of 90+

ENGLISH COMPOSITION II-Pre-requisite English Comp. I

ELEMENTARY STATISTICS-Students who have successfully completed Algebra II

COLLEGE ALGEBRA/TRIGONOMETRY-Geometry final grade of 70+

PRECALCULUS-successfully completed College Algebra

CALCULUS-successfully completed Pre-Calculus

MUSIC THEORY-no pre-requisites

INTERMEDIATE SPANISH I-Student must have completed 3 years of HS Spanish

INTERMEDIATE SPANISH II-Spanish 2510

**SYRACUSE UNIVERSITY PROJECT ADVANCE COURSES**

We are offering Economic Ideas and Issues through Syracuse. Students must score an 85% or higher on the US History Regents to be eligible.

**Erie Community College**

Intro to Accounting-Course fee required!

# Course Offerings

Students, please note that 1 credit courses typically meet every day for an entire year, while .5 credit courses may either meet every day for half a year or every other day for an entire year depending on the master schedule.

# English

All students must pass the ELA Regents Exam at the end of their Junior year to be eligible for graduation.

**The following English courses are considered weighted courses:**

**English 1510, English 1530, JCC Public Speaking**

***\*FRESHMAN & SOPHOMORES WILL PICK TWO OF THE 4 ELECTIVES OFFERED FOR YOUR ENGLISH CREDIT***

**Fall Semester Offerings: Pick One**

**(Track 1)**

**"Pages of Adolescence: Exploring Youth in Literature"**  .5 credit

Explore the captivating world of teenage experiences through literature. From timeless classics to contemporary gems, this course explores the highs and lows of adolescence, unraveling universal themes that resonate with the journey of 9th and 10th graders.

**(Track 2)**

**"Futures Rewritten: The Dystopian Landscape"** .5 credit

Dive into the depths of dystopian fiction, past and present, in this course. Students will engage with classic and contemporary dystopian narratives, analyzing their societal implications while developing skills in critical reading, creative writing, and literary analysis.

**Spring Semester Offerings: Pick One**

**(Track 1)**

**"Innovate and Illuminate: A Project-Driven Odyssey"**  .5 credit

This dynamic course combines hands-on project development with literary exploration; students dedicate half of the week to a personal project of their choice, while the remainder focuses on enhancing reading and writing skills through engaging assignments.

**(Track 2)**

**"WordCraft: High School Creative Writing Lab"**  .5 credit

Unleash your imagination in WordCraft! This hands-on creative writing lab is your portal to storytelling magic. Craft your narratives, experiment with genres, and embark on a journey of self-expression. Elevate your writing skills while having a blast with fellow 9th and 10th-grade wordsmiths!

**English 11** 1 credit

English 11 focuses mainly on American literature. Vocabulary and writing skills are developed in conjunction with the literature    A State Regents Exam is given and a passing grade is required for graduation.

**English 12**  1 credit

Students will use the latest research techniques to create individual projects that focus on writing skills and oral presentations.  Non-fiction and fiction readings will be incorporated into the class.  The writing process and editing skills will be mastered

upon successful completion.

**JCC English 1510 (Full Year)**  1 credit

College Composition I 3 College Credits

Seniors Only

Prerequisite: 85% English Class Average

Students will learn to write precise, clear, substantive essays. Students will work with multi-page papers, organization, and mechanics. Emphasis will be placed on critical thinking, reading, and writing.

**JCC English 1510**  .5 credit

College Composition I 3 College Credits

Seniors Only

Prerequisite: 85% English Class Average

Students will learn to write precise, clear, substantive essays. Students will work with multi-page papers, organization, and mechanics. Emphasis will be placed on critical thinking, reading, and writing.

**JCC English 1530**  .5 credit College Composition II 3 College Credits

Seniors Only

Prerequisite: **English 1510**

Students will learn to write precise, clear, substantial, and logical essays. They will develop critical thinking and writing skills required in higher education, employment, and life. Students will also learn to conduct research and write a research paper.

**JCC Public Speaking CMM1610** .5credit

Eligible for ENG1510 3 College Credits

Juniors & Seniors Only

Students will learn effective strategies for researching, preparing, and delivering informative and persuasive speeches to small groups. Students will be able to demonstrate methods for building confidence in speech delivery, supporting points with evidence, analyzing the audience, using media aids effectively, and refining delivery style.

**Social Studies**

The social studies Department follows the Social Studies Learning Standards and its’ themes and concepts. Students will be required to pass a New York State Regents exam in Global Studies and U.S. History and Government to graduate from high school.

**The following science courses are considered weighted:**

**SUPA Economics ECN203**

**Global Studies 9** 1 credit

Ninth grade Global Studies is the first part of a two-year program of study. 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 four regents standards integrated within it.

The following are descriptions of the units of study in order - Ninth Grade:

Unit 1 - Introduction to Global History

Unit 2 - Ancient World: Civilizations and Religion (4000 BC - 500 AD)

Unit 3 - Expanding Zones of Exchange and Encounter (500 AD - 1200 AD)

Unit 4 - Global Interactions (1200 AD - 1650 AD)

Unit 5 - The First Global Age (1450 AD - 1770 AD)

A local final exam is given at the end of Global Studies 9. A State Regents Exam is given and a passing grade is required for graduation at the end of Global Studies 10.

**Global 10** 1 credit

Global Studies 10 is the continuation of the two-part curriculum, which progresses from Global 9 through Global Studies 10. The 10th grade curriculum contains themes of world history, geography, economic systems, and political systems from 1750 to present day.

The 10th grade curriculum has 4 units of study and 4 continuous themes. The following are descriptions of the units of study. Units 1-5 are taught in the ninth grade year.

Unit 6 - An Age of Revolutions (1750 - 1914)

Unit 7 - A Half Century of Crisis and Achievement

Unit 8 - The World since 1945

Unit 9 - Global Connections and Interactions

Assessment is a State Regents Exam based on thematic essays; data based questions, comprehensive questions, and constructed response questions from both years of study. The State Regents Exam is given at the end of the course and a passing grade is required for graduation.

**U.S. History and Government** 1 credit

This course is taken in the junior year and contains units about U.S. geography, background of U.S. Government, the Constitution as a foundation of our society, and Constitution issues reflected in court decisions. It also includes a chronologically organized course in U.S. History from The Colonies to the present with an emphasis on the U.S. as an Industrialized Nation, and our relationships with the rest of the world. A State Regents Exam is given at the end of the course and a passing grade is required for graduation.

**Participation in Government (PIG)** .5 credit

Seniors Only

The class studies local, state and federal government going beyond what was taught in 11th grade with an emphasis on their active participation in the process from voting to running for office. The goal is an understanding of government and a desire to participate in the future.

**Economics** .5 credit

Seniors Only

The class will study economic theory including supply and demand, trade, and government’s role in the economy, taxes and spending and monetary policy. Also concepts such as unemployment, inflation, recovery and recession will be explored. Consumer economics, which is covered, includes credit, taxes, saving and investment, buying a home and car, and making good economic decisions.

**Economic Ideas & Issues ECN203** .5 credit

Pre-requisite: **85% on US History Regents** 3 College Credits

An introduction to modern Western economic thought, exploring labor, markets, micro- and macroeconomics. Students should understand basic algebra and geometry.

**County Government Intern** .5 credit

Seniors Only

Replaces: Participation in Government

Individuals are selected each year to participate in a BOCES program for students from across Cattaraugus County. They will travel to the County Seat in Little Valley and spend one day a week working behind the scenes and in the Legislature.

**Mathematics**

Students must pass the Algebra Regents Exam to be eligible for graduation.

**The following Math courses are considered weighted:**

**Geometry, Algebra 2, JCC College Algebra, JCC Pre-Calculus, JCC Calculus, JCC Statistics**

**Algebra 1A** 1 credit

Students who score a level 1 or level 2 on the NYS Math Assessment and have a math average below 75% may be placed in this course.

This course is the first year of the two-year sequence for Algebra. Topics covered are 1) The Building Blocks of Algebra, 2) Linear Expressions, Equations, and Inequalities, 3) Functions, 4) Linear Functions and Arithmentic Sequences, 5) Systems of Linear Equations and Inequalities and 6) Exponents.

**Algebra 1B** 1 credit Prerequisite: Algebra 1A

This course is the second year of the two-year sequence for Algebra. Topics covered are 1) Geometric Sequences, 2) Numbers and Numeration (including irrationals), 3) Modeling/Multiple Representation (including inequalities, loci, and tree diagrams), 4) Roots and Irrational Numbers, 5) Statistics, and 6) Modeling.

A State Regents exam is given at the completion of this class and a passing grade is required for graduation.

**Algebra** 1 credit

Prerequisite: **75% average in MS Math**

This course is typically the first year of high school math. Topics covered are 1) Numbers and Numeration, 2) Polynomials, 3) Quadratric Functions 4) Measurement (with formulas and graphs), and 5) Patterns/Functions (both linear and quadratic). A State Regents exam is given at the completion of this class and a passing grade is required for graduation.

**Geometry** 1 credit

Prerequisite: **A minimum 75% on the Algebra Regents**

This course is the second year of the three-year sequence for math. This course covers the following topics: 1) Congruence; 2) Similarity, Right Triangles, and Trigonometry; 3) Circles; 4) Expressing Geometric Properties with Equations; 5) Geometric Measurement and Dimensions; 6) Modeling with Geometry.  A Regents exam is given at the completion of this class in June.

**Algebra 2** 1 credit

Prerequisite**: A minimum 75% GPA in Algebra & Geometry**

Algebra 2 is the capstone of the three units of credit required for an Advanced Regents Diploma (math portion.) This course is a continuation and extension of the two courses that precede it. While developing the algebraic techniques that will be required of students who continue their study of mathematics, this course is also intended to continue developing alternative solution strategies and algorithms with the help of a graphing calculator. A Regents exam is given at the completion of this class in June.

**JCC College Algebra & Trigonometry MAT 1590** .5 credit

Prerequisite: Algebra 2 4 College Credits

Students will learn algebra and trigonometry topics necessary to prepare them for the study of pre-calculus. Topics include one-to-one functions and their inverses and graphs, polynomial and rational functions and their applications, radicals and exponents, complex numbers, and trigonometric functions, including graphs and basic identities. Problem-solving and applications are emphasized.

**JCC Pre-Calculus MAT 1600** .5 credit

Prerequisite: MAT 1590 4 College Credits

**Successfully complete MAT1590**

Students will learn topics necessary for studying calculus and discrete mathematics. Algebra topics include rational and polynomial functions. Trigonometry topics include graphs, identities, half and double-angle formulas, and inverse trig functions. Other topics include exponential and logarithmic functions, and an introduction to limits. An approved graphing calculator is required.

**JCC Calculus MAT 1710**  1 credit

Seniors Only 4 College Credits Prerequisite: **85% GPA in Pre-Calculus**

Students will study the fundamental concepts of calculus. Topics include an introduction to analytical geometry, functions, limits and continuity, and derivatives and integrals and their applications.

**JCC Statistics MAT 1540** 1 credit

Seniors Only 3 College Credits

Prerequisite: **85% average in Algebra 2/Trig**

Students will investigate various topics in both descriptive and inferential statistics including measures of central tendency and spread, graphical analysis of data, probability, random sampling, correlation and regression, hypothesis testing and confidence intervals. Practical applications are emphasized throughout the course. Students in this class will also learn how to use statistical software called Minitab.

**Consumer Math** 1 credit

**Juniors and Seniors Only**

The course is designed to provide students with the mathematics needed in daily life. It will emphasize a review and refinement of the basic fundamentals of arithmetic in a setting of practical use. Topics of instruction will include personal income, automobile ownership, and commercial transportatio0n, purchasing consumer goods and banking services.

**Math in Sports** .5 credit

We will learn all the different math terms and concepts dealing with different sports.  This class will have a strong focus on probability and stats, percentages, formulas and their use.

**SCIENCE**

Students must pass at least one science regents exam in order to be eligible for graduation.

**The following science courses are considered weighted:**

**Earth Science or Biology (2nd Science), Chemistry, & Physics**

**Physical Environment - 'Earth Science'** 1 credit

This course will follow the guidelines of NYS curriculum in Earth Science. Topics covered: Astronomy, Meteorology, Physical Geology, & Earth History. This course will provide an understanding of concepts, the utilization of mathematics as a scientific tool and logic of the scientific method. Emphasis will be placed on reading graphs, charts, diagrams, manipulation of data, and use of science equipment, materials and resources, use of science techniques through investigations. A State Regents Exam will be given at the completion of this course

**Earth Science Lab**

Students taking Earth Science must satisfactorily complete a minimum of 1200 minutes of laboratory time during the school year. This will include laboratory reports prepared by the student.

**Biology/The Living Environment** 1 credit

It contains seven core topics and five extended areas. This course provides students with awareness of natural world, basic scientific concepts, stimulation of inductive reasoning and basic understanding of biologic processes and generalizations. A State Regents Exam will be given at the end of this course

All students must participate in a minimum of 1200 minutes of lab each year and submit an acceptable report of their work. Within the lab students will use equipment and do hands-on experiments reflecting class content.

**Chemistry** 1 credit

Prerequisite: **75% Biology & Earth Science Regents Score**

The course covers the study of matter, kinetics, and applications of chemical properties. A State Regents Exam will be given at the end of this course.

**Chemistry Lab**

Experiments in all phases of high school chemistry are covered. Laboratory write-ups are mandatory. A Student must complete a minimum of 1200 minutes of lab time and receive at least a 65% to be eligible to take the Regents exam.

**Ecology** 1 credit

During this course, students will study the relationships between plants, animals, and people and their environment. Topics of study include biodiversity, distribution, biomass, energy flow, biogeochemical cycles, climate, biomes, sustainability, populations of organisms, as well as cooperation and competition within and between species. Lab experiences will be integrated within the class.

**Physics** 1 credit

Physics is an introductory course in algebra-based high school physics designed to provide students a basic understanding of physics principles in the areas of mechanics, work and energy, electricity and magnetism, semiconductors, waves, optics, and modern physics.

# World Languages

Any student pursuing an Advanced Regents Diploma must pass the Spanish Comprehensive Exam at the conclusion of the third level.

**The following courses are considered weighted:**

**Spanish III, SPA2510, & SPA 2520.**

**Spanish I** 1 credit

A beginning course, which emphasizes communication and basic Spanish grammar. Students learn to interpret spoken and written Spanish with main idea and some details, to communicate with others in speaking and writing, and to present their ideas in Spanish. Students seek to understand the culture, products, and ideas from Spanish-speaking communities world-wide and locally.

**Spanish II** 1 credit

Pre-requisite: Minimum 80% GPA in Spanish I

The first intermediate course, which continues to build on communication skills in all three modes (interpretive, interpersonal, and presentational) in more detail and through additional topics and contexts.  Students communicate with more sophisticated structures and begin to use different time frames.  Students seek to understand the culture, products, and ideas from Spanish-speaking communities world-wide and locally.

**Spanish III** 1 credit

Pre-requisite: Minimum 80% GPA in Spanish II

The second intermediate course, which continues to build on communication skills in all three modes (interpretive, interpersonal, and presentational) in more detail and through additional topics and contexts.  Students communicate with more sophisticated structures and can communicate in the past, present, and future time frames.  Students seek to understand the culture, products, and ideas from Spanish-speaking communities world-wide and locally. Students continue to develop the four skills of listening, speaking, reading and writing according to the fifteen topics and standards mandated by the New York State Syllabus.  A comprehensive exam will be given at the end of this course.

**SPA 2510 Intermediate Spanish I** 1 credit

3 College Credits

Students will learn to interact effectively and appropriately in Spanish at the intermediate low level with people from other language and culture backgrounds. Students will communicate and reflect upon beliefs and values as related to one’s identity, citizenship, and health and wellness in the U.S. and the Spanish-speaking community.

**SPA 2520 Intermediate Spanish II** 1 credit

3 College Credits

Students will learn to interact effectively and appropriately in Spanish at the intermediate low/mid level with people from other language and culture backgrounds. Students will communicate and reflect upon public and personal identity, contemporary life, and sciences and technology in the U.S. and the Spanish-speaking community.

# Art

**Studio in Art** 1 credit

Emphasis is placed on understanding the Elements of Art and Principles of Design as a basis for composition. Students will explore a variety of artists, art processes and materials such as drawing, painting, printmaking, two & three-dimensional design, and digital art. Student artwork will reflect aesthetics & cultural and historical contexts. Willingness to get involved in the creative process is a more important requirement than the student’s talent or previous experience.

**Creative Crafts** .5 credit

During this foundation course in the Visual

Arts, students will develop artistic and critical thinking skills through designing and creation of 3-D dimensional creative crafts. Students will explore various medial such as paper, metal, fiber, fabric, glass, leather, etc. Basic craft techniques and skills will be learned.

**Ceramics** .5 credit

This class introduces students to the ancient craft of working with clay. Students will experience hand-building techniques including pinch, coil, and slab. Forming techniques, surface development and glazing, and kiln firing practices will be introduced. Both the functional and sculptural ceramic traditions will be explored

**Community Art** 1 credit

.This course focuses on the development of work outside of the classroom and into the school community.  It can include working on art projects with elementary students, creating pieces that will be used throughout the school or assisting classroom teacher with creative ideas.  It is strongly based on participation.

**Business**

**The Following courses are considered weighted:**

**CSC1560 Microcomputer App., BUS1610 Personal Finance, BUS1500 Intro to. Business, BU120 Accounting**

**BU120 Intro to Accounting** 1 credit

*This course requires a fee to take for college credit* 3 College Credits

This is a course with dual emphasis. It acclimates the student to accounting principles starting with the journal and ending with the balance sheet and income statement. It also acts as a refresher course as it deals with the in-depth mathematical calculations involved in financial accounting.

**Personal Finance** .5 credit

**Graduation Requirement**

Students will gain an appreciation of the need for personal financial planning and will learn how to apply such planning to goal setting and budgets. They will evaluate exposures to risk and how insurance fits into a risk management plan. Students will have the ability to coordinate income, assets, and spending into a comprehensive program that takes the planner through the various stages of their life cycle, from college to retirement

**BUS 1610 Personal Finance** .5 credit

Prerequisite: **Eligible for ENG1510** 3 College Credits

Students will gain an appreciation of the need for personal financial planning and will learn how to apply such planning to goal setting and budgets. They will evaluate exposures to risk and how insurance fits into a risk management plan. Students will have the ability to coordinate income, assets, and spending into a comprehensive program that takes the planner through the various stages of their life cycle, from college to retirement.

**Microcomputer Applications CSC1560** 1 credit

Prerequisite: **HS GPA 80%** 4 College Credits

Students use application software such as Microsoft Office to study word processing, spreadsheets, database management, and presentation software. The integration and practical application of these topics is stressed throughout the course. Students will spend a substantial amount of out-of-class time working on computer projects.

**BUS1500 Intro to Business** .5 credit

Prerequisite: **Eligible for ENG1510**  3 College Credits

Students will study the elements and characteristics of a free enterprise system and will be presented an overview of functional areas of business and basic concepts of the business world. Some topics include the environment of business, organization and management of the enterprise, management of human resources and production, marketing, finance, government's role in business, social responsibility, and cultural diversity, as well as major societal issues facing today's business executives. Recommended for beginning business students and non-business majors.

**Sports & Entertainment Marketing** .5 credit

This is a unique and innovative course designed for students with an interest in the sports and entertainment industry. This course stresses the utilization of fundamental marketing concepts and will include an orientation to the sports and pricing, marketing research, endorsements, and promotions will be part of this course. Guest speakers, case studies, field trips, videos and computer integrated activities will be incorporated into the class

**Travel & Tourism** .5 credit

This course introduces the students to the history, function, and structure of the travel, hotel, restaurant, and recreation industries. The course describes the development of water, land, and air transportation, and looks at the history of the accommodations industry. Students will be introduced to the structure of various industry components and current issues and opportunities will be analyzed. Students will examine the positive and negative impacts the tourism activity has on both the economic and social well-being of both host and guest. Lessons learned from this examination will be applied to a consideration of tourism planning priorities at the community level.

**Technology**

**Introduction to Engineering Design**  1 credit

Students are introduced to the basic concepts of engineering and design using Solid works 3 dimensional engineering design software. The goal of this course is to teach the fundamental skills and concepts to build parametric models parts and assemblies and how to make simple drawings of those parts and assemblies.

**Video Production/Editing**  1 credit

Introduces students to producing and editing digital videos. Emphasis is placed on the use of portable video equipment, lighting, audio and video graphic skills. Learn to edit footage, add transitions, sync sound, add titles and credits. Filming, lighting, script writing, editing, post-production and the incorporation of special effects using 2D & 3D elements are all part of this highly intensive program.

**Architectural Design**  1 credit

Architectural design is a course for those students that would like to learn the basics of residential constructions. Students will be taught the different phases of a building project, including financing, blueprint design and reading, and construction techniques. Students will design and build a model house to showcase their design and construction techniques.

**Health & Physical Education**

**Physical Education** .5 credit

NYS Graduation Requirement

All students in grades 9-12 will actively participate in Physical Education class and meet the curriculum standards associated with the class. Students will be responsible for a written assignment each quarter in addition to active participation during each class.

Students must take one Physical Education class each year that they are in high school. 2 units of credit are required for graduation.

**Fitness for Life** .5 credit

This alternative physical education class will explore non-traditional ways to stay active and connected with one's physical health. Students will enjoy less invasive games and engage in personal training, individual preference, and mindful activities.

The goal of this class for every student is to understand the importance of lifelong physical activity and demonstrate how these skills can be used in their future.

Weight Lifting .5 credit

Open to:Juniors & Seniors.

A class for fitness minded students who want to learn and practice proper muscle building exercises in the weight room and satisfy their Physical Education requirement. The goal of the class is to allow students who want to learn how to properly format a daily exercise plan with an array of modern exercise technique. As a student of this class, you will be expected to follow specific exercises each class and you will be graded on your effort and knowledge of those exercises.

**High School Health** .5 credit

Open to: Juniors & Seniors Only

NYS Graduation requirement

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. Upon completion of this course, a student will have the basic understanding of the components of Health. This class will also fulfill the NYS Education Department requirement for parenting education.

**History and Sports** .5 credit

This elective will take a look at the development of sports in America, as well as worldwide. The class will focus on helping students gain a better understanding of the inner relationship that sports have on social, economic, cultural, and political forces throughout the world. We will study the historical context chronologically through true story readings and true story movies, such as “Remember the Titans”, “Glory Road”, and “Miracle”, among many others. After completing this course, students will understand why and how sports have become a popular cultural phenomenon.

MUSIC

**MUS1570 Music Theory is a weighted course**

**High School Band** .5 credit

The ECS Band meets all year, and is open to all students in grades 9 through 12 who play a brass, percussion, or woodwind instrument. This group performs many times during the school year for concerts, community activities, and special performances. Band concerts are mandatory and graded. Students are required to attend group lessons on a weekly basis.  In addition, students will have individual opportunities to participate in events like CCMTA & NYSSMA Solo Festivals, CCMTA All-County and All-State.  The course is designed to provide an opportunity for the instrumentalist to expand his/her knowledge of their instrument and to continue development of music appreciation and understanding through study and performance of examples of various genres of music literature.

**High School Chorus** .5 credit

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 mastery of the elements of music. Hopefully, they will develop a love of choral music and be a performer and an appreciative listener the rest of their lives. In addition, students will have individual opportunities to participate in events like CCMTA & NYSSMA Solo Festivals, CCMTA All-County and All-State.

**JCC Music Theory MUS1570**  1 credit

3 College Credits

Introduces the student to the basic fundamentals of reading and writing music. Students will work with elements of common practice theory and harmony through written assignments and aural skills training

Career and Technical Education

Sophomores are introduced to the Career and Technical Education courses offered at BOCES through an orientation program. Students may elect to attend BOCES in their Junior and Senior years. Most courses are offered in a two-year certificate program but one-year certificates can also be earned.

**IN ORDER TO BE ELIGIBLE TO ATTEND BOCES, STUDENTS MUST HAVE SUCCESSFULLY COMPLETED ALL REQUIRED COURSES IN 9TH & 10TH GRADE.**

**STUDENTS WHO FAIL A CLASS WILL NOT BE ABLE TO ATTEND!**

Career and Technical Education programs at the Ellicottville Career include:

Animal Science

Auto Technology

Carpentry & Construction Trades

Collision Repair/Auto Body

Cosmetology

Criminal Justice

Culinary Arts

Early Childhood/Human Services

Heavy Equipment Operations

Media Communication Technology

Medical Assisting

Natural Resources

Power Equipment Technology

Product Design & Manufacturing

Welding

New Vision’s Health Profession’s Program-Seniors Only

New Vision’s Education Program-Seniors Only