**Ellicottville Central School**

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2022-2023

Course Catalog

#### To Students and Parents:

Our 2022-2023 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.

**1**

**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.

**2**

**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.

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* 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.

AIS should not be considered a second period in the subject area or an additional study hall. Also, please be advised that your son / daughter will not receive a grade for AIS, and, as a general rule, he / she will not have homework for AIS. Furthermore, as AIS is mandated by New York State, it may take a priority over a non-mandated elective in your son’s / daughter’s schedule for this school year.

**4**

**High School**

**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, Science, Social Studies, Art, & Business**

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

Please note the requirements for each college course varies.

**College Courses**

Ellicottville Central School has worked hard with a number of colleges in Western New York State to be able to offer select college level courses taught by ECS teachers where the student simultaneously earns both high school and college credit. This is a great opportunity for students and can provide many advantages for college bound students. However, students need to remember that the material taught in these courses, as well as the expectations of the students taking them, is demanding and at the college level. Students desiring to enroll in these courses should not do so without first discussing the course rigor and demands that will be placed on them with parents and his/her school counselor. It might also be a good idea for the student to discuss the course with the teacher.

**5**

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.

One final thing for students to keep in mind is 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 or has to 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 and placement test scores needed to enroll in a specific course.

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**JAMESTOWN COMMUNITY COLLEGE COURSES**

Please refer to each course description for this information:

Placement Test, ECS Requirements, & Additional Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| COURSE | Next Gen Test | QAS Math | ECS REQUIREMENT |
| ART 1590Ceramics | None | None | Studio Art |
| ENG 1510English Comp. I | 250+ |  | 85% English class average |
| ENG 1530English Comp. II | Successfully complete ENG1510 |  | 85% English class average |
| MAT 1540 Elementary Statistics | None |  | 85% Algebra 2/Trig average orTeacher Permission |
| MAT 1590College Algebra/Trig | None | Pass Geometry with a 70%+ |  |
| MAT 1600Pre-Calculus | None | Successfully complete MAT1590 |  |
| MAT 1710Calculus | None | Pre-calculus | 85% Pre-calculus average  |
| CSC 1560Microcomputer App. | None |  | 80% High School GPA |
| BUS 1610 Personal Finance | 250+ |  | Eligible for ENG 1510 |
| ECO1530 Economic Issue | 250+ |  | Eligible for ENG 1510 |

**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.

We are offering Physics 101 and Physics 102 through Syracuse. Students must successfully pass Biology, Earth Science, Chemistry and Algebra 2

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# 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**

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

**Sports Literature** .5 credit

*(Freshman & Sophomore)*

Be a Good Sport: Sports, Action, and Adventure Literature

Students will: examine literature of the sports/action/adventure genre, analyze sports/action/adventure literature in multiple artistic mediums, discover how sports has impacted and continues to impact a nation’s culture and the culture of the world, choose, read, and analyze a full-length, complex piece of literature that connects thematically to the purpose of the course, write an Informational/Explanatory writing production that presents findings from the course.

**Autobiography/Biography Genre** .5 credit *(Freshman & Sophomore)* Learn What from Whom? An Examination of the Autobiography/Biography Genre Students will: examine literature of the autobiography/biography genre, have a choice of who to research, learn, and read about, explore further artistic mediums (related fiction literature, etc.) that connect to the autobiographical/biographical selections, analyze the worth of the autobiographical/biographical genre through attempting to examine role-models.

**8**

**Creative Writing** .5 credit *(Freshman & Sophomore)* The Creative Writing course is designed for students who enjoy writing as a form of art and personal expression. In this course, students will explore the elements of numerous literary genres (short fiction, poetry, drama, film) and the power of both print and multimedia formats. To develop original writing pieces, students will engage in writing workshops, literary element development lessons, writing/author studies, and peer reviews/conferences. For the final collaborative project, students will design, edit, and contribute writing pieces to a class-created literary journal.

**Short Literature** .5 credit *(Freshman & Sophomore)* SHORT AND SWEET—This class focuses on short literature—short stories, poems, plays, and a mix of short writing prompts. Students will learn about flash fiction, poetic prose, multi-genre writing, and will enjoy a healthy dose of classic and modern short stories. Mini-lessons in grammar and writing techniques will be highlighted. The final project will be to write a short story, play, or a collection of original poems.

**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**  .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.

**9**

**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.

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**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.

**Social Studies 12 - Participation in Government (PIG)** .5 credit

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.

**Social Studies 12 - Economics** .5 credit

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.

**11**

**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.

**12**

**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 precalculus. 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.

**13**

**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.

**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, SUPA 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.

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**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.

**SUPA Physics PHY101**  1 credit

Syracuse University 4 College Credits

 Juniors & Seniors

 Prerequisite: **Earth Science, Biology, Chemistry, & Algebra 2**

The course treats the traditional topics in mechanics: kinematics, Newton’s laws, circular motion, gravity and planetary motion, work, energy, momentum, rotational motion, vibrations, and kinetic theory. Problem solving and conceptual understanding are stressed.

**SUPA Physics PHY102** 1 credit

Syracuse University 4 College Credits

 Prerequisite: **Physics 101**

The second year of this sequence treats the subjects of electricity, magnetism, and optics. The specific topics are electric charge, electric fields and potentials, electric currents and circuits, magnetism and electromagnetic induction, electromagnetic waves, optics and introductory modern physics.

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# World Languages

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

**The following courses are considered weighted:**

**Spanish III, Spanish IV & French III.**

**French III** 1 credit

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 French-speaking communities world-wide. 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.

**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.

**16**

**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.

**Spanish IV** 1 credit

This is an intermediate-high level course which will focus on Communicative Proficiency in Interpretive Listening and Reading, Interpersonal Speaking and Writing, and Presentational Speaking and Writing Skills on a variety of topics.  The class is conducted almost entirely in the target language with a strong emphasis on cultural themes from around the world and Intermediate High level focus on form (grammar) within a wide variety of contexts.   This course prepares students for college-level study.

# Art

**The Following course is considered weighted:**

**JCC Ceramics**

**Studio in Art** 1 credit

Here is a course designed to give you, as an expressive being, a chance to gain a variety of skills and to use a variety of tools and materials to produce two and three-dimensional works of Art. Included in this program are methods of learning to draw that really work. Even if you have never held a pencil before, you can learn to draw to such a degree that your parents and friends will be amazed. You will be amazed too. The lessons start slowly, using such materials as pencil, charcoal, pastels, ink, and markers. Other modules will include: Ceramic Clay to produce pottery and sculpture, painting with watercolor, Calligraphy, the art of fancy lettering.

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**Painting** .5 credit

 Prerequisite: **Studio Art**

This half year course will expose students to a variety painting techniques and materials such as watercolor, tempera, acrylic and oil paints. The art students will produce works of art that explore different kinds of subject matter, topics and themes. A greater emphasis is placed upon personal development of style and the increased competence that results from having taken previous art courses.

**JCC Ceramics ART1590** 1 credit 3 College Credits **Prerequisite: 85 or above average in previous Art Courses or instructor permission** Students will gain a working knowledge of foundation skills and abilities in artistic visual expression. Students are introduced to drawing media and concepts. Students learn to draw perceived objects and become able to discuss the drawings meaningfully

**Creative Crafts** .5 credit

Folk art and craft was an experiment that worked. This is a course where crafts from around the world are done. The projects come from ones that the student enjoyed the most during the last ten years and some new ideas for projects that have been researched by the instructor and students. Materials for handmade crafts are clay, wood, glass, fibers, leather, metals, and more. Some highlights include: Ceramics & pottery, glass & metal etching. Metal shipping and piercing, jewelry making, carving and sculpture, musical instruments, and more!

**Business**

**The Following courses are considered weighted:**

**CSC1560 Microcomputer App., BUS1610 Personal Finance, ECO1530 Economics**

**Accounting** 1 credit

Students will gain a broad view of accounting's role in satisfying society's need for financial information. In an overview of the accounting profession, students will understand generally accepted accounting principles underlying the design, integrity, and effectiveness of accounting information systems.

Providing relevant financial statements for the decision maker and the use of computers to generate financial information are outlined.

**18**

**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.

**ECO 1530 Contemporary Economic Issues** .5 credit

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

Students will analyze current economic problems while critically evaluating solutions to these problems. Students integrate basic economic concepts and terminology to problems surrounding such issues as the environment, distribution of resources, health care, crime, market power, poverty, discrimination, government price controls, and international trade.

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**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.

**Digital Media**  1 credit

This course introduces the tools, techniques, and concepts behind the production of digital media. Application of digital media technologies including operating systems, hardware, software, and multimedia design are explored.

**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.

**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.

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**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.

MUSIC

**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.

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**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.

**Music Theory**  .5 credit

Students will study the basic fundamentals of music; such as major and minor scales, intervals and chord structures, etc. This course is designed for Band and Chorus students only and it is essential that the student knows how to read music as a prerequisite to taking this course.

**Guitar/Ukulele** .5 credit

This course is designed for students with no previous guitar/ukulele experience. ... Areas of concentration include: correct posture, note reading, singing songs, rhythmic patterns, chord study, finger-picking styles, musical forms, and performance.  A personal guitar and ukulele will be needed for this class.

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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

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