

Addison High School Course Description Booklet 2024-25

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Committed to Student Success

District Mission Statement

We will provide students with a safe, engaging, and challenging learning environment in order that they are prepared for success in a global society.

Introduction

This course description booklet has been prepared to help Addison students and parents/guardians plan a meaningful high school program. Students and parents/guardians are encouraged to refer to it frequently when choosing high school course selections. Students are always encouraged to speak to their School Counselor regarding any questions about course selections. The importance of careful planning and selection of courses cannot be overemphasized. Future plans depend a great deal upon the decisions made while in high school.

Program Adjustments

School Counselors continually emphasize the importance of making careful decisions regarding course selection throughout the school year. Throughout the year, School Counselors meet with students to review individual programming plans and make selections for the coming school year. **There should be little need for change if courses are thoughtfully selected.**

There are three opportunities to change schedules prior to the opening of school:

1. When course requests are sent home before the end of the school year.
2. After final grades are reported in June.
3. After summer school results are reported in August.

After August, all change requests will be handled using our course selection and schedule adjustment guidelines. We firmly believe that with careful planning, the need for changes in the fall should be minimal.

Drop/Add Request Procedure

To maintain the integrity of our academic programs, students must complete courses for which they were originally scheduled. Changes in schedules are rare and will be considered in extenuating circumstances only, e.g. new student, senior in danger of not graduating, change in IEP, class balancing, incorrect placement, or acceleration. If adding a new class once the school year has started, students are responsible for any missed work.

Drop/Add requests will only be considered if the Drop/Add form (available from the counselor) is completed within the **first week of the semester** unless there are extenuating circumstances. It is the student's responsibility to initiate this request within the timeframe specified. Late requests or incomplete forms will not be considered. Full year classes may not be dropped at the mid-year point.

Explanation of Terms

The following is an explanation of some of the terms you will see throughout this booklet.

Prerequisite- A prerequisite course is a course that must be successfully completed before another course can be taken.

Semester- The school year is divided into two academic time periods called semesters, usually September through January and February through June.

Unit of Credit- The value of credit is given for the successful completion of a course. This value can range from .25 unit to 4 units. Each course description contains the value of the credit that can be earned.

Requirements for Student Course Load

In order to be considered a full-time student enrolled at Addison High school, students in grades 9 – 12 must enroll in a minimum of six courses and physical education during each semester to equal 6.5 credits.

Accelerated College Education (ACE)- Corning Community College

The purpose of offering college courses to students enrolled in our high school is to afford them the opportunity to earn college credit while continuing their high school education. All students in these college courses earn high school credit and have the option to earn college credit through the ACE program.

The curriculum is the equivalent of a freshman-level college course, using the same textbook and syllabus as courses on the Corning Community College campus. The courses are taught by our own high school faculty members who must be certified by the college as adjunct professors. These courses are offered to students tuition free. Students are assigned grades by the instructor based upon the student's performance and according to the grading system utilized by Corning Community College. Each student's college credits and grades are recorded on an official Corning Community College transcript. Transcript requests should be submitted directly to Corning Community College.

Many colleges and universities accept Corning Community College credit. A student planning on transferring credit to a two or four-year college will work with Corning Community College to ensure acceptance of credit. The student must also arrange for Corning Community College to send a copy of his/her transcript to the two or four-year college.

Criteria to enroll in ACE courses:

Academically sound high school students in grades 10-12 with a cumulative GPA of 85 or higher are eligible to take college courses. These students must meet all prerequisites for each course as described in the Corning

Career and Technical Education Requirements (BOCES Programs)

Career and Technical Education Training, as provided by BOCES, can be an extremely worthwhile educational experience for students. BOCES gives a “hands on approach” to fundamental components for many trades. Students can develop skills which can lead to job placement immediately following graduation. However, a student must meet certain criteria in order to be eligible to attend a BOCES vocational program. Parental knowledge and permission must be granted prior to a student being enrolled in a vocation program at BOCES. Students must also be in good academic standing in order to attend a BOCES vocation program as outlined below.

Juniors entering a vocational program must have completed the stated requirements to be eligible to attend BOCES. Seniors, who wish to continue in a vocational program, will be reviewed to determine their continued placement in a vocational program. The three aspects that will be emphasized in making a decision are: 1) progress in the vocation, 2) progress in academic classes and passing required Regents exams at Addison Central School and 3) appropriate behavior at the Coopers Education Center as well as at Addison Central School. Students may choose to substitute a 5-credit sequence in Career and Technical Education (CTE) in place of the 3 credits in Foreign Language to fulfill that requirement for a Regents with Advanced Designation.

Eligibility Requirements to attend a Vocational Program at BOCES

- A. Required credits that must be passed by the end of the students 10th grade year in order to attend a vocational program at BOCES:

<u>Subjects</u>	<u>Credits</u>	<u>Subjects</u>	<u>Credits</u>
English	2.0	History	2.0
Science	2.0	Math	2.0
Phys. Ed	1.0	Health	0.5
Art/ Music	1.0	Spanish*	1.0
*Unless the student is exempt through special education			

- B. Required credits that must be passed by the end of the students 11th grade year in order to attend a vocational program at BOCES:

<u>Subjects</u>	<u>Credits</u>	<u>Subjects</u>	<u>Credits</u>
English	3.0	History	3.0
Science	**2.0	Math	**2.0
Phys. Ed	1.5	Health	0.5
Art/ Music	1.0	Spanish*	1.0
*Unless the student is exempt through special education			

**students must have 3.0 credits of math or science by the end of 11th grade

- C. In order to graduate from high school, students must pass 5 required Regents exams. It is expected that students will have passed the following exams by the end of their 10th grade year.

Subject	Exam	Grade Taken
Living Environment	Living Environment Regents	9 th
Earth Science	Earth Science Regents	10 th
Math	Algebra Regents	9 th or 10 th
Global History	Global History Regents	10 th

ENGLISH

English (Required)

Grades 9, 10, 11, and 12

1 Credit/Class

9, 10, and 12 GPA Weighting: 1.00

11 GPA Weighting 1.01

English in grades nine through twelve has two positive functions in education. Primarily, it aims to help pupils improve in ability to convey information, ideas, and emotions, both in speaking and in writing, as clearly and as effectively as possible. Then it strives to improve ability to receive, through reading, viewing, and listening, the information and inspiration available through written and spoken English. To accomplish these aims, English 9 and English 10 emphasize skills in composition, grammar and usage, vocabulary, and spelling development, and reading the major types of literature. English 11 focuses on a study of American literature and strengthens usage through diagnostic and remedial grammar problems and writing practices. Passing the Regents examination at the end of English 11 is required for graduation. In English 12, Students read a wide range of quality texts that engage students in analysis of autobiographical nonfiction, speeches, poetry, drama, and fiction, comprising classic and contemporary voices. Through the study of a variety of text types and media, students build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration, and communication skills. Students read both literary and nonfiction texts to analyze how authors use rhetoric and structure in texts dealing with concepts of government and power. Students engage in an inquiry-based iterative process for research building on work with evidence-based analysis. Students explore topics that may elicit multiple positions and perspectives, gathering and analyzing sources to establish a position of their own and crafting an argument-based research paper. Students work with literary texts, including drama, poetry, short fiction, and novel, to explore how authors treat similar central ideas and themes via character development and interaction.

Journalism

Grades 10-12

.5 Credit

GPA Weighting: 1.00

Journalism is a semester-long course in which emphasis will be placed on journalistic style writing, techniques for gathering information, news media coverage and how it impacts people, news ethics, news worthiness and current events. Supporting the state standards for writing and technology, the curriculum will challenge students to explore various types of reporting, as well as the correct application of all writing mechanics. Emphasis will be placed on concise writing and the use of specific details to support facts. Both sentence structure and vocabulary usage will be examined as tools for refining the writing process. Various resources, including the newspaper and the internet, will be used as sources for supporting facts and details. Class time will be provided for research, writing, editing and conferring with one another. Students will be reading news articles daily and watching live and current news stories. Students will complete in class and out of class writing and assignments. Students must meet ALL deadlines. Students will discuss the implications of the news on various audiences and investigate the facts of various news stories. Students will also learn about different types of reporting: ex) yellow & investigative journalism. Students will write their own news editorials and feature stories. Students will also further enhance their understanding of the news through journal writing and discussion. Peers and the teacher will invent various questions for response and discussion. Students will also be interviewing a person and writing news articles about the person they interviewed. Students in Journalism will have the opportunity to ***publish*** their work if possible. ***This course may be used to satisfy the English 12 requirement.**

Creative Writing
Grades 10-12

.5 Credit
GPA Weighting: 1.00

In the Creative Writing course, students will develop their creative writing skills. Students may have the option of sharing their writing in various ways through different media forums (blogs, contests, creation of a Creative Writing literary magazine). Students in Creative Writing will be given opportunities to *publish* their work! In Creative Writing, students will “experiment and play with language” to create a more lifelong practice of writing. Students will “write often and widely in a variety of formats, using print and digital resources.” Students will have regular and frequent opportunities to write in a variety of formats, producing texts that fall into one or more of the following domains—research, argument, explanation, description, analysis, and narration, as well as *creative texts, such as stories and poems*. The writing in creative writing class would become focused on conceptual reasoning and planning. The task of writing will become more authentic, and students will share what they have written. Self-expression will be valued. Students will also be focusing on techniques of grammar and usage to improve their writing mechanics in their own writing pieces as well as learning to constructively critique their peers’ writing. *** This course may be used to satisfy the English 12 requirement.**

ENGL 1010 College Composition I
Grade 12

.5 Credit (3 Corning Community College Credits)
GPA Weighting: 1.02

Prerequisite: 85 or higher on the ELA Regents exam or teacher recommendation.

Essay writing designed to sharpen the student’s perceptions of the world through the study and use of non-fiction writings and to facilitate communications with correctness, clarity, unity, organization, and depth. Assignments include expository writing, argumentation, and research techniques. A research-based persuasive capstone will be a major part of the grade. Meets general education requirement in Basic Communication.

ENGL 1020 College Composition II
Grade 12

.5 Credit (3 Corning Community College Credits)
GPA Weighting: 1.02

Pre-requisite: English 1010

Essay writing designed to advance critical, analytical, and writing abilities begun in ENGL 1010. Literary analysis and interpretation essays on works of fiction, poetry, and drama. A literature-based persuasive capstone will be a major part of the grade. Meets general education requirement in Humanities and Basic Communication.

SOCIAL STUDIES

Global History & Geography I **Grade 9**

1 Credit
GPA Weighting: 1.00

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. While the course emphasizes the importance of historical and spatial thinking, all the social studies practices and standards are included in the study of global history and geography.

Global History & Geography II **Grade 10**

1 Credit
GPA Weighting: 1.01

Pre-requisite: Global History and Geography I

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. While the course emphasizes the importance of historical and spatial thinking, all the social studies practices and standards are included in the study of global history and geography. Passing the Global History and Geography Regents examination is required for graduation.

U.S. History & Government **Grade 11**

1 Credit
GPA Weighting: 1.01

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. Passing the U.S. History Regents examination is required for graduation.

Economics **Grade 12**

.5 Credit
GPA Weighting: 1.00

"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 government to address these challenges. Passing this course is required for high school graduation.

Participation in Government
Grade 12

.5 Credit
GPA Weighting: 1.00

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. Content specifications are not included, so that the course can adapt to present local, national, and global circumstances, allowing teachers to select flexibly from current events to illuminate key ideas and conceptual understandings. Participation in government and in our communities is fundamental to the success of American democracy. Ten hours of community service, volunteering or attending four government meetings is required for the course. Students may do a combination of this requirement with instructor approval. Passing this course is required for high school graduation.

Street Law
Grades 11-12

.5 Credit
GPA Weighting: 1.00

Street Law is an introduction to the English Common Law system with emphasis upon the nature and purposes of law. The course will emphasize where laws have come from, basic criminal law, the law of torts, and the court system. It will also assist the average citizen in dealing with legal issues that arise in everyday life. Topics include contracts, juvenile justice, being a wise consumer, employment law, and juvenile justice.

Youth in Government
Grade 11-12

.5 Credit
GPA Weighting: 1.02

This course is conducted in conjunction with the Steuben County Youth Bureau. It runs for twelve weeks each semester and provides the participant with an in-depth immersion in county government. This is done via seminars, journal keeping, written reports, working with county legislator, and by attending meetings and tours. The student will receive .5 credit with a numerical grade. The course is open only when offered by Steuben County Youth Bureau and by invitation/selection of the Addison Middle-High School Social Studies Faculty.

MATH

Foundations of Algebra (formerly Algebra A)

Grade 9

1 Credit

GPA Weighting: 1.00

This course is designed to meet the requirements of the New York State Performance Indicators. The design of this course is practical and realistic as possible using real life situations, extensive use of the calculator, hands-on experience, and modeling of mathematical concepts. Topics covered are real numbers, solving linear equations, graphing functions, and solving systems of linear equations and inequalities. The students will take a local final at the end of the year.

Algebra I

Grade 9

1 Credit

GPA Weighting: 1.01

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. Because it is built on the middle grades' standards, this is a more ambitious version of Algebra I than has generally been offered. The modules deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend and students engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Geometry

Grades 9-12

1 Credit

GPA Weighting: 1.01

Geometry is the second course in the 3-year integrated math series. Topics of study in Geometry include parallel lines, polygons, quadrilaterals, similarity, congruence, right triangles, trigonometry, geometry of the circle, coordinate geometry, 3-D geometry, constructions, and transformational geometry. Students will take the Geometry regents exam at the end of the course.

Pre-requisite: Students must have taken and passed the Algebra course and Regents exam. Teacher recommendation will also be considered.

Algebra II**1 Credit****Grades 10-12****GPA Weighting: 1.01**

Pre-requisite: Students must have taken and passed the Geometry course and Regents exam. Teacher recommendation will also be considered.

Algebra 2 is the third course in the integrated math series. Topics of study in Algebra 2 include advanced algebra, relations and functions, conics, exponentials and logarithms, trigonometry, probability, statistics, and series and sequences. Real life application and problem solving with math skills learned are emphasized. Preparation and review for the Regents exam are included. Students will take the Algebra 2 Regents exam at the end of the course.

Math Analysis**1 Credit****Grades 10-12****GPA Weighting: 1.00**

Recommended Pre-requisite: Algebra I. Teacher recommendation will also be considered.

This course is designed to introduce topics from geometry as well as providing review of algebra. Some of the additional topics of study include coding, personal finance, number systems, functions, probability, and statistics with an emphasis on the application of these topics. Students will also use graphing calculators and other technologies to help prepare for subsequent math courses. A local final will be administered at the conclusion of the course.

Problem Solving Math**1 Credit****Grades 10-12****GPA Weighting: 1.00**

In this course, you will learn about important personal finance topics through lessons, projects, guest speakers, and field trips. You will use the skills learned from this class through your adult life.

Pre-Calculus**1 Credit****Grades 11-12****GPA Weighting: 1.0**

Prerequisite: Algebra 2. Teacher recommendation will also be considered.

This is a course for students who successfully completed Algebra 2. Students will receive in-depth instruction in functions, analytic geometry, trigonometry, logarithms, exponents, graphing on conic sections and polar coordinates, and an introduction to Calculus (limits, derivatives, and integration). Local exam will be given at the end of the course.

MATH 1310 Elementary Statistics**.5 Credit (4 Corning Community College Credits)****Grade 11-12****GPA Weighting: 1.02**

Pre-requisites: Algebra 2. Teacher recommendation will also be considered.

An intuitive approach to statistics. Analysis and description of numerical data using frequency distributions, histograms, and measures of central tendency and dispersion, elementary theory of probability with

applications of binomial and normal probability distributions, sampling distributions, confidence intervals, hypothesis testing, chi-square, linear regression, and correlation. The statistical computer language Minitab will be used. A graphing calculator is required; Texas Instruments TI-83 or TI-84 recommended.

MATH 1610 Calculus I

.5 Credit (4 Corning Community College Credits)

Grade 12

GPA Weighting: 1.02

Pre-requisites: Four years of high school math, including Pre-Calculus.

The first semester of differential and integral single variable calculus. Basic theory using algebraic and trigonometric function and applications are covered concurrently. Topics include limits, derivatives, considered by algebraically and graphically, differentials and their use as approximations, the indefinite and definite integrals with applications to areas, volumes, surface area, arc length, moments, and center of mass. Meets SUNY general education requirement in mathematics.

MATH 1620 Calculus II

.5 Credit (4 Corning Community College Credits)

Grade 12

GPA Weighting: 1.02

Pre-requisite: Math 1610 or equivalent high school calculus course.

A continuation of Calculus I. Topics include calculus of conics, logarithmic, exponential, and hyperbolic functions, techniques of integration, infinite series, parametric equations, and polar coordinates. Meets SUNY general education requirement in mathematics.

MATH 120 College Algebra

.5 Credit (4 Tompkins Cortland Community College Credits)

Grades 11-12

GPA Weighting: 1.02

Pre-requisite: Algebra I

This course covers college algebra up to pre-calculus. Topics include linear, quadratic, absolute value, polynomial, rational, exponential, and logarithmic expressions, equations, and functions, and quadratic inequalities. A scientific calculator is recommended.

SCIENCE

Integrated Science

Grade 9

1 Credit

GPA Weighting: 1.00

Integrated Science is a foundational high school course designed to provide students with a comprehensive understanding of two fundamental branches of science: Living Environment and Earth Science. This course is structured into two semesters, with a focus on Living Environment during the first semester and Earth Science during the second semester. Through a combination of classroom instruction, hands-on laboratory experiences, and interactive activities, students will explore the intricate systems and phenomena that shape the natural world around them. Students will develop science literacy and critical media analysis skills through their class activities. Integral to the course is the introduction to laboratory experiences, where students will have the opportunity to apply scientific principles, develop inquiry skills, and engage in hands-on experimentation. These laboratory sessions will reinforce concepts learned in the classroom, foster critical thinking, and cultivate scientific inquiry skills essential for future scientific endeavors. Overall, Integrated Science provides students with a solid foundation in both Living Environment and Earth Science, equipping them with essential knowledge and skills to prepare students to take Regents level courses in Living Environment and Earth Science.

Living Environment/Biology

Grades 9-12

1 Credit

GPA Weighting: 1.01

This course includes a study of plants and animals and the activities performed by living things. Major emphasis is placed upon the relationship between structure and function so that the study becomes one of understanding processes rather than memorization. Major areas of study include: a study of living cells and tissues, classification of living things, evolution, reproduction, heredity, photosynthesis, digestion, circulation, respiration, and conservation of biological resources, inter-relationships of living things, behavior, and the prevention of control of diseases. The laboratory provides macroscopic as well as microscopic investigation on an individual basis, so each student has the opportunity to realize personal accomplishments. A minimum of 1200 laboratory minutes is required and must be performed before a student is allowed to take the Regents exam.

Physical Setting/Earth Science

Grades 9-12

1 Credit

GPA Weighting: 1.01

This course is based on the understanding of scientific facts, concepts and stresses the ability of the student to apply their knowledge. Emphasis is placed on the ability of the student to collect, organize, interpret, and present information in a scientific format. The student's study in Earth Science will include astronomy, meteorology, climate, Earth processes, environmental awareness, rocks, and minerals. A minimum of 1200 laboratory minutes is required and must be performed before a student is allowed to take the Regents exam.

Physical Setting/Chemistry**Grades 10-12****Prerequisite: Algebra I****1 Credit****GPA Weighting: 1.01**

This course includes a study of the structure of matter (compounds, elements, molecules, atoms, and sub-atomic particles), periodic table and its characteristics, chemical reactions (neutralizations, equilibrium's, redox, etc.), organic chemistry, gas laws (Boyle's, Charles', Graham's, etc.), and doing chemical calculations based on the mole concept. A minimum of 1200 laboratory minutes is required and must be performed before a student is allowed to take the Regents exam.

Physical Setting/Physics**Grades 11-12****Prerequisite: Successful completion of Algebra I and concurrently enrolled in Algebra 2 is recommended.****1 Credit****GPA Weighting: 1.01**

This course is based on the understanding of scientific facts, concepts and stresses the student's ability to use mathematical applications to understand scientific principles. Emphasis is placed on the student's ability to collect, organize, interpret, and present information in a scientific format. The student's study in physics will include mechanics, wave motion, modern physics, energy, and electricity and magnetism. A minimum of 1200 laboratory minutes is required and must be performed before a student is allowed to take the Regents exam.

Current Events/Hot Topics in Science I & II**Grades 11-12****Pre-requisite: Living Environment and Earth Science.****.5 Credit/semester****GPA Weighting: 1.00**

Students enrolled in these semester courses will focus on science related current events locally and globally and will study the impact of those events through a scientific lens. This course can be used for a student's third credit in science.

Environmental Science**Grades 11-12****Pre-requisite: Chemistry is strongly recommended.****1 Credit****GPA Weighting: 1.02**

Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study; yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. The following themes provide a foundation for the structure of the Environmental Science course.

1. Science is a process.
 - a. Science is a method of learning about the world.
 - b. Science constantly changes the way we understand the world.
2. Energy conversions underlie all ecological processes.
 - a. Energy cannot be created; it must come from somewhere.
 - b. As energy flows through systems, at each step more of it becomes unusable.

BIOL 1510 General Biology I**.5 Credit (4 Corning Community College Credits)****Grades 11-12****GPA Weighting: 1.02**

Prerequisite: HS GPA 85% or higher and 75% or higher in high school biology AND high school chemistry, or high school biology (75% or higher) AND concurrent enrollment in CHEM 1010 or 1020 (CHEM 1010 preferred).

**Offered to students every other school year- next available for the 2025-26 school year.*

Emphasizes the modern aspects of biology and its techniques. Includes biochemistry, cell structure and physiology, genetic mechanisms, a survey of the three domains of organisms, and plant physiology. Laboratory component. Meets General Education requirement in Natural Sciences.

BIOL 1520 General Biology II**.5 Credit (4 Corning Community College Credits)****Grades 11-12****GPA Weighting 1.02**

Prerequisite: BIOL 1510

**Offered to students every other school year- next available for the 2025-26 school year.*

Emphasizes the modern aspects of biology and its techniques. Includes evolution, animal diversity, human and animal anatomy/physiology, animal behavior, reproduction and development, and ecology. For math/science students. Laboratory involves dissection of a preserved fetal pig and various vertebrate organs, as well as the use of living invertebrates. Laboratory component. Meets general education requirement in Natural Sciences.

FOREIGN LANGUAGE

Spanish II **Grades 9-12**

1 Credit
GPA Weighting: 1.00

Modes of expression become more sophisticated as students learn to express their ideas in Spanish. Reading, writing, listening, and speaking continue to be developed.

Spanish III **Grades 9-12**

1 Credit
GPA Weighting: 1.00

The third-year Spanish course presents an overview of all grammar learned in the previous two years in preparation for a comprehensive Regents examination at the end of the year. Students will be practicing reading comprehension skills as well as written and speaking/listening expression skills in Spanish. By using Spanish in writing, reading, listening, and oral expression, students will gain a better understanding of the language. Also, Spanish culture will be presented through readings and exercises to gain a better appreciation of our diverse society.

SPAN 2010 Intermediate Spanish **Grades 11-12**

.5 Credit (4 Corning Community College Credits)
GPA Weighting: 1.02

Prerequisite: SPAN 1020 or the equivalent of three years of Regents high school Spanish. Development of facility in reading, writing, speaking, and understanding the language through a systematic review of its structure. Representative readings as an introduction to Spanish civilizations.

SPAN 2020 Composition & Conversation **Grades 11-12**

.5 Credit (4 Corning Community College Credits)
GPA Weighting: 1.02

Prerequisite: SPAN 2010. A thorough analysis of the language; intensive discussion of grammar, usage, style, and vocabulary, enhancing expression through composition, oral reports and more informed class discussion and conversations.

SPAN 2310 Brief Introduction to Literature (Spanish) **Grade 12**

1 Credit (3 Corning Community College Credits)
GPA Weighting: 1.02

Prerequisite: Eligible to enroll in ENGL 1010 (85% on English Regents or Placement Test) AND SPAN 2020

Advanced study in the language with an introduction to serious reading of some of the great writers of literature. Conveys ideas and develops the ability to exchange ideas through writing and discussion in the language.

PHYSICAL EDUCATION/HEALTH

Physical Education Grades 9-12

**.5 Credit/year
GPA Weighting: 1.00**

Physical Education is an integral part of educating the whole child. As mandated by New York State Law, all students enrolled in public schools are required to be enrolled in a Physical Education class. Students must complete ½ credit of Physical Education in each year to be eligible for graduation from high school.

The Addison Physical Education program will offer its students the opportunity to participate in a variety of lifetime and fitness activities as well as the traditional team and individual sports. Upon graduation from high school, Addison students will be able to assess their own fitness levels and design personal fitness plans which will meet their individual needs and interests throughout the course of their lives. Students will also be exposed to careers in fitness and athletics (teaching, coaching, officiating, etc.)

Health Grades 10-12

**.5 Credit
GPA Weighting: 1.00**

Health education is a required course for graduation. Our Senior High Health course has been aligned with the NYS Learning Standards for Health education. Our course has been changed from a content-driven course to a skills-driven course. You will be given a chance to learn relevant and authentic skills. You will also be provided an opportunity to practice them several times. When mastered, you should be able to enhance personal, family and community health...and safety. The seven skills include self-management, relationship management, stress management, communication, decision making, planning and goal setting, and advocacy.

HLTH 1202 Perspectives of Drugs Grade 11-12

**.5 Credit (3 Corning Community College Credits)
GPA Weighting: 1.02**

A comprehensive course addressing the use and abuse of drugs in contemporary society, with emphasis on motivation for drug use and abuse; specific types of drugs and their identification; physiological and psychological implications of drug abuse; legal aspects of drug abuse; and treatment of the person with drug dependence.

MUSIC/THEATRE ARTS

Wind Ensemble

1 Credit

Grades 9-12

GPA Weighting: 1.00

Prerequisite: Prior experience playing a musical instrument and/or instructor evaluation to demonstrate skill level to participate in the ensemble.

The Wind Ensemble meets five days a week, during school hours, and performs in a variety of events, including but not limited to, concerts in both the winter and spring, and parades such as the Addison Memorial Day parade, the Bath Dairy Festival, and the Painted Post Colonial Days parade. The band practices and performs many different musical styles and genres. Members will also have instrumental group instruction (lessons), which meet once a week during school hours. Members are eligible to attend any of the NY State School Music Association festivals throughout the county and state. Students will be evaluated on their performance of an appropriate solo and band music. This course fulfills the graduation requirement in New York State for a unit in Art and/or Music.

Senior High Voice Class

1 Credit

Grades 9-12

GPA Weighting: 1.00

The course will involve learning and mastering music benchmarks, learning to sing select solos and group singing. This class enables students to perform for their class and the public. Performance criteria must be completed before a public performance is allowed. This course fulfills the graduation requirement in New York State for a unit in Art and/or Music.

Introduction to Guitar

.5 Credit

Grades 9-12

GPA Weighting: 1.00

Intro to Guitar teaches the fundamentals of proper holding, note reading, chord reading, basic strumming and picking patterns. No prerequisite required.

Guitar II

.5 Credit

Grades 9-12

GPA Weighting: 1.00

Continues where Intro left off. More complex strumming patterns and chords. Genres of music and the history of the guitar. Study of the Blues, Country and rock music particularly with Riffs, 12 bar blues, and licks.

Pre-requisite: Guitar I or teacher permission to participate.

Modern Band
Grades 9-12

1 Credit
GPA Weighting: 1.00

In Modern band, students will learn to play guitars, drum set, keyboard instruments as well as sing to create a rock/garage band. Class will be based on music that students in the class want to learn about. No prior experience in band is necessary. This is a full year class.

Theater I/II
Grades 9-12

.5 Credit/Semester
GPA Weighting: 1.00

Theater I and Theater II will allow students to fulfill or partially fulfill their arts requirement. This course will provide a basis that will allow students to work in a study of acting techniques, play analysis, character development, and analysis of various theatrical works. In their coursework, students will actively be involved in critique of professional production, reflect, and discuss theater connection to their own lives and their futures.

MUSC 1010 Fundamentals of Music
Grades 10-12

.5 Credit (3 Corning Community College Credits)
GPA Weighting: 1.02

This course introduces fundamental elements of pitch, rhythm, musical notation and symbols, major and minor scales, intervals, and tonality. Course work will involve both written and aural skills.

MUSC 1110 Music Theory I
Grades 9-12

.5 Credit (3 Corning Community College Credits)
GPA Weighting: 1.02

Pre-requisite: MUSC 1010 or instructor permission

Music notation, scales, modes, keys, intervals, simple chord progressions, elementary sight singing, and elementary keyboard accompaniment using primary chords. Appropriate for the student planning elementary education as a career. Meets SUNY General Education requirement in Humanities.

VISUAL/MEDIA ARTS

Creative Crafts

Grades 9-12

1 Credit

GPA Weighting: 1.00

This course introduces various media and processes including Plast'craft, clay, printmaking, watercolor paints, collage, pointillism, scratchboard, stained glass, and so much more. It is for the person who likes to work with his/her hands and create useful and decorative objects. Examples of projects would be masks, coil pots, glue & watercolor paintings, and bobble heads. Students taking this course should be able to work independently on individual projects. There will be academic work in the area of art history. This course also fulfills foundation requirements for all other art courses and the graduation requirement of a unit of Art and/or Music in New York State.

Studio in Art

Grades 9-12

1 Credit

GPA Weighting: 1.00

This is a course in which the student, through studio experiences will explore various forms, dimensions, and media of the visual arts (i.e., drawing, sculpture, painting, ceramics, etc.). Students enrolled in this course should have the ability to think creatively and independently. There will be academic work in art history. The course is intended as a foundation course for all other art courses and is required for a sequence in art. It also fulfills the New York State requirement of a unit of Art and/or Music for graduation.

Sculpture

Grades 10-12

.5 Credit/Semester

GPA Weighting: 1.00

Prerequisite: Creative Crafts or Studio in Art or permission of instructor.

Sculpture explores 3-dimensional design both objective and non-objective. Media are cardboard, clay, papier-mâché, fabric, wire, and others.

Drawing and Painting

Grades 10-12

.5 Credit/Semester

GPA Weighting: 1.00

Prerequisite: Creative Crafts or Studio in Art or permission of instructor.

Using objective and non-objective views, individual style is developed through study and demonstration of different techniques, sketching in pencil, charcoal, pastels and ink and painting in watercolor, tempera, oils, and acrylics. Discussions will be based on composition and student critiques.

Studio in Ceramics**.5 Credit****Grades 10-12****GPA Weighting: 1.00**

Prerequisite: Studio in Art or Creative Crafts or permission of instructor.

Hand building and wheel throwing methods of forming clay along with various glazing techniques will be taught. Make things to use every day, to eat on, to hold jewelry, to put plants in or just to decorate your home. Sculptural aspects will be explored. The history of ceramics is interwoven throughout course.

Media Production 1/2**1 Credit****Grades 10-12****GPA Weighting: 1.00**

Media Production is a two-semester course that introduces and teaches students the fundamentals of communication through media production. Throughout the semester students will be taught various lessons, skills, and techniques that will allow and encourage them to build a solid foundation of media production, communication, and visual art. In addition to hands-on involvement, you will be introduced to many aspects and concepts of media production such as related vocabulary, media throughout history, writing and reporting skills, and famous people in media. Areas of study will include producing a weekly news show, video editing software, interviewing techniques, podcasting and audio, media and the internet, camera functions/equipment, and careers in media production.

Photography**.5 Credit****Grades 10-12****GPA Weighting: 1.00**

Prerequisite: Creative Crafts or Studio in Art.

Photography is a one semester course that introduces and teaches students the fundamentals of photography as an art form. Throughout the semester students will be taught various lessons, skills, and techniques that will allow and encourage them to build a solid foundation and appreciation of the visual arts. Topics will include black and white and color photography, imaging editing software, filters, special effects, cropping, editing, special themes (meme's, photems, and coloring), camera functions, self-portraiture, landscape photography and careers in photography. In addition to hands-on "art making," you will be introduced to photography related vocabulary, Art History (pertaining specifically to Photography), Art Criticism, Writing about Art, and Artists. Digital cameras will be provided.

Digital Art**.5 Credit****Grades 10-12****GPA Weighting: 1.00**

This class introduces students to Fine Arts through Digital Technology, Visual Communications, and Graphic Design. Students will create artworks, brochures, flyers, and posters using various software applications. Additionally, a variety of advertising themes (techniques, media awareness), copyright, and fair use law will be discussed. Students will learn basic to advanced tools in Adobe Photoshop to created original artworks.

Studio in Fashion Design**Grades 10-12****.5 Credit****GPA Weighting: 1.00***Pre-requisite: Studio in Art or Creative Crafts*

Fashion Design is a half-year class designed for students who want to explore careers in the fashion industry or related fields. It is designed to develop in students the knowledge and understanding of the aesthetic principles and skills involved in fashion design and fashion illustration. This is an advanced course to be taken after a student has completed a full year of Studio in Art or Creative Crafts.

ART 1000 Essentials of Art**Grades 10-12****1 Credit (3 Corning Community College Credits)****GPA Weighting: 1.02**

An introduction to the visual arts emphasizing the understanding and appreciation of art through a review of the elements and principles of art and design, as well as an examination of two- and three-dimensional art forms, methods, and media. This college level course uses a textbook to guide students through historical events using art and creation as a timeline.

TECHNOLOGY

Design and Drawing for Production **Grades 9-12**

1 Credit
GPA Weighting: 1.00

Local course that integrates hand and computer drafting with engineering concepts and skills. Students will learn about the engineering design process as they work on long term learning activities.

Material Processing I & II **Grades 9-12**

.5 Credit/semester
GPA Weighting: 1.00

An exploration of woodworking. Students will develop content awareness and skills necessary to working with wood through hands-on authentic experiences.

Manufacturing Systems **Grades 10-12**

.5 Credit
GPA Weighting: 1.00

Pre-requisite: Materials Processing in order to participate.

A hands-on exploration of the manufacturing and construction fields. This course is a great way for a student who is looking to enter BOCES, the construction field, or would like to be able to do work around the house to learn the basics behind creating a product/home.

Construction **Grades 10-12**

.5 Credit
GPA Weighting: 1.00

Pre-requisite: Materials Processing in order to participate.

A hands-on exploration of the manufacturing and construction fields. This course is a great way for a student who is looking to enter BOCES, the construction field, or would like to be able to do work around the house to learn the basics behind creating a product/home.

Introduction to Engineering Design (IED) **Grades 9-12**

.5 Credit
GPA Weighting: 1.00

Prerequisite: Drawing and Design for Production

An introduction to engineering. This course will bring students into a deeper understanding of the design process through the use of engaging learning activities and instant challenges.

Principles of Engineering (POE)

Grades 9-12

.5 Credit

GPA Weighting: 1.00

Prerequisite: Drawing and Design for Production or Introduction to Engineering Design.

An advanced look through engineering concepts and the engineering design process. Students will be preparing to enter an engineering-based career path.

ADDITIONAL ELECTIVES

Psychology **Grades 10-12**

.5 Credit
GPA Weighting: 1.00

The course will involve a study of the human behavior from the viewpoint of the individual and will include the physiological basis of behavior, the basic process of behavior, the individual and his intellectual/non-intellectual process by which he adjusts to the world. This course will also cover areas of applied psychology: clinical, counseling, industrial and educational.

Driver's Education **Ages 16 and older with a permit**

.5 Credit
GPA Weighting: 1.00

Driver Education prepares new drivers for the challenges that they will encounter on the roads during their lifetime. The course is designed to give classroom and laboratory experience in the development of sound and proper attitudes and skills in driving. A dual control automobile will be used in the laboratory part of this course. Students are required to complete a minimum number of hours of classroom instruction and in-car driving time to meet New York State requirements to receive the MV-285 course completion certificate. Students will be scheduled based on their class year and age. Seniors will be given priority, then juniors, followed by sophomores.

BUSN 1033 Applied Business Math **Grades 11-12** *Pre-requisite: Algebra I*

1 Credit (3 Corning Community College Credits)
GPA Weighting: 1.02

The four arithmetic processes and the algebra of business. Application of mathematics to typical business problems. Taxes, insurance, payroll, depreciation, trade and cash discounts, markup, simple interest and bank discounts, and financial statement analysis. ***Note: This course can satisfy the 3rd math credit requirement for Addison High School, but does NOT satisfy any college math requirements.**

BUSN 2020 Personal Finance **Grades 11-12**

.5 Credit (3 Corning Community College Credits)
GPA Weighting: 1.02

Basic areas of personal finance, such as banking, home financing, insurance, investments, credit financing and retirement planning. ***Note: This course can satisfy the 3rd math credit requirement for Addison High School, but does NOT satisfy any college math requirements.**

FYEX 1000 First Year Experience**Grade 12****.5 Credit (3 Corning Community College Credits)****GPA Weighting: 1.02**

Designed to assist first-year students in adjusting to the college environment as well as becoming familiar with strategies for success. A general orientation to the resources of the college, essential academic success skills to better understand the learning process, and career exploration will be covered.

SPCH 1060 Interpersonal Communication**Grades 11-12****.5 Credit (3 Corning Community College Credits)****GPA Weighting: 1.02**

Prerequisite: Eligible to enroll in ENGL 1010

Develops self-awareness and audience awareness by communicating interpersonally. Exercises reflect all components of interpersonal interactions: verbal, nonverbal, paralinguistic, emotional, visual, relational, cultural. Writing in content area.

SPCH 1080 Public Speaking (Corning Community College)**Grades 10-12****.5 Credit (3 Corning Community College Credits)****GPA Weighting: 1.02**

Develops self-awareness and audience awareness through oral presentation. Organize and present material in a variety of speaking occasions, including information, visualization, demonstration, argumentation, persuasion.

New York State Diploma Requirements Applicable to All Students Enrolled in Grades 9-12

Credit Requirements

(Apply to all diploma types: local, Regents,
Regents with advanced designation)

	Minimum number of credits
English	4
Social Studies <i>Distributed as follows:</i> <i>U.S. History (1)</i> <i>Global History and Geography (2)</i> <i>Participation in Government (½)</i> <i>Economics (½)</i>	4
Science <i>Distributed as follows:</i> <i>Life Science (1)</i> <i>Physical Science (1)</i> <i>Life Science or Physical Science (1)</i>	3
Mathematics	3
World Languages	1 ^(**)
Visual Art, Music, Dance, and/or Theater	1
Physical Education <i>(participation each semester)</i>	2
Health	½
Electives	3 ½
Total	22

^(**)Students with a disability may be excused from the requirement for 1 unit of credit in World Languages if so indicated on their IEP, but they must still earn 22 units of credit to graduate.

1.) Pathways

A student must either:

- earn the [Seal of Civic Readiness](#); or
- pass an additional Regents Exam or Department Approved Alternative in a different course (English, mathematics, science, or social studies); or
- pass a Department Approved Pathway Assessment (Arts, CDOS, World Languages); or
- successfully complete a NYSED-approved CTE program, including the associated 3-part technical assessment; or
- successfully complete all the [requirements for earning the CDOS Commencement Credential](#).

Beginning in fall 2022, a select number of NYS schools will pilot the [Individual Arts Assessment Pathway \(IAAP\)](#). Reference [Multiple Pathways](#) and [Department Approved Alternative Examinations](#).

2.) Traditional Appeals

All appeals are subject to local district approval. Reference: [Appeals, Safety Nets, and Superintendent Determination](#)

3.) Special Endorsements

Honors: A student earns a computed average of at least 90 on the Regents Exams applicable to either a Regents diploma or a Regents diploma with advanced designation. No more than 2 Department approved alternatives can be substituted for Regents Exams. The locally developed Checkpoint B examination in World Languages is not included in the calculation.

Mastery in Math and/or Science: A student meets all the requirements for a Regents diploma with advanced designation AND earns a score of 85 or better on 3 math Regents Exams and/or 3 science Regents Exams.

Technical Endorsement: A student meets the requirements for either a local diploma, a Regents diploma or a Regents diploma with advanced designation AND successfully completes a Department approved CTE program including the 3-part technical assessment.

Seal of Biliteracy: A student meets the criteria for earning the [NYS Seal of Biliteracy](#).

Seal of Civic Readiness: A student meets the criteria for earning the [NYS Seal of Civic Readiness](#).

Reference the [Endorsements and Seals webpage](#) or [NYS Diploma/Credential Requirements](#) for additional information related to awarding special endorsements to students with exam exemptions due to COVID-19.

4.) World Languages Exemption

Students with a disability may be excused from the required units of credit in World Languages if so indicated on their IEP, but they must still earn 22 units of credit to graduate. Such student who seeks a Regents diploma with advanced designation does NOT have to complete the 5-unit sequence in the Arts or CTE in lieu of the sequence in World Languages in order to meet the assessment requirements for the advanced diploma.

5.) Superintendent Determination of a Local Diploma

Students with a disability who are unable to attain a local diploma through the various safety net provisions may be eligible for a Superintendent Determination of a local diploma under certain conditions. Reference: [Appeals, Safety Nets, and Superintendent Determination](#)

6.) Flexibilities due to the COVID-19 Public Health Emergency

Exemptions: Students granted an exemption from any exam due to COVID-19 are not required to pass such specific exam to meet the assessment requirements for any diploma type. Reference the following FAQs: [June/August 2020](#), [January 2021](#), [June/August 2021](#), and [January 2022](#)

Special Appeals: Eligible students may use lower scores (50-64) on Regents Exams taken during the 2021-22 or 2022-23 school year to meet the assessment requirements for any diploma type. Reference: [Special Appeals Memo](#) and [FAQ](#).

Special Determination: Students who are scheduled to graduate in **June 2022** and either do not qualify for a Special Appeal or who are unable to participate in one or more required Regents Exam(s) because of illness, including isolation restrictions due to COVID, may request a [Special Determination to Graduate with a Local Diploma in June 2022](#).

7.) Exemptions from the Regents Exam in US History and Government (Framework)

Eligible students shall be granted an exemption from the June 2022, August 2022, or January 2023 Regents Exam in US History and Government (Framework). Reference: [FAQ on Cancellation of Regents Exam in US History and Government \(Framework\)](#)

Assessment Requirements

	Regents Diploma for All Students		Regents Diploma via Appeal for All Students		Local Diploma via Appeal for All Students		Local Diploma for Students with a Disability		Local Diploma via Appeal for English Language Learners	
REGENTS EXAM or passing score on a Department approved alternative	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score
English Language Arts (ELA)	1	65 ¹	1	1 Regents exam with a score of 60-64 for which an appeal has been granted by the district and all remaining Regents exams with a score of 65 ¹ or above	1	2 Regents exams with a score of 60-64 for which appeals have been granted by the district and all remaining Regents exams with a score of 65 ¹ or above	1	55 ^{**}	1	Either the ELA Regents exam with a score of 55-59 for which an appeal has been granted by the district, and all remaining Regents exams with a score of 65 ¹ or above, OR 1 Regents exam with a score of 60-64 and the ELA Regents with a score of 55-59 for which appeals have been granted for both by the district, and the remaining Regents exams with a score of 65 ¹ or above *
Math	1	65 ¹	1		1		1	55 ^{**}	1	
Science	1	65 ¹	1		1		1	55 ^{**}	1	
Social Studies	1	65 ¹	1		1		1	55 ^{**}	1	
Pathway (See note 1 on reverse side)	1 or CDOS	65 ¹ if Regents Exam	1 or CDOS		1 or CDOS		1 or CDOS	55 ^{**} if Regents Exam	1 or CDOS	
Compensatory Safety Net	Non-Applicable		Non-Applicable		Non-Applicable		Scores of 45-54 on any required Regents exam (except ELA and Mathematics) can be compensated by a score of 65 ¹ or above on another required Regents exam including ELA and Mathematics.		Non-Applicable	

Regents Diploma with Advanced Designation

Students seeking the Regents diploma with advanced designation must:
<ul style="list-style-type: none"> Meet the credit and assessment requirements for a Regents diploma; and Pass two additional Regents exams or Department approved alternatives in mathematics; and Pass one additional Regents exam or Department approved alternative in science <ul style="list-style-type: none"> students seeking advanced designation must pass at least one Regents exam or Department approved alternative in both sciences (one life and one physical); and Complete a sequence: <ul style="list-style-type: none"> earn an additional 2 units of credit in World Languages and pass a locally developed Checkpoint B World Languages examination, or complete a 5 unit sequence in the Arts, or complete a 5 unit sequence in CTE.

Assessment Combinations for Advanced Designation

Traditional Combination	ELA, Global History and Geography, US History and Government, 3 mathematics, 2 science (1 life science, 1 physical science) = 8 assessments
Pathway Combination (other than STEM)	ELA, 1 social studies, 3 math, 2 science (1 life science, 1 physical science), 1 Pathway (other than science or math) = 7 (+Pathway) or 8 assessments.
STEM (Mathematics) Pathway Combination	ELA, 1 social studies, 4 math [†] , 2 science (1 life science, 1 physical science) = 8 assessments.
STEM (Science) Pathway Combination	ELA, 1 social studies, 3 math, 3 science (at least 1 life science, at least 1 physical science) = 8 assessments.

* A student with a disability may appeal scores between 52 and 54 on up to two Regents examinations in any discipline and graduate with the local diploma. Reference [New York State Diploma/Credential Requirements: Local diploma for Students with Disabilities](#).

[†] In the event a student with a disability is unable to attain a passing score on any Regents examination, the student may be eligible for a Superintendent Determination of a local diploma. Reference [Appeals, Safety Nets, and Superintendent Determination](#).

[‡] English Language Learners seeking an appeal for a score of 55-59 on the ELA Regents Exam are only eligible if they entered the United States in grade 9 or after and were classified as an English Language Learner when they took the test the second time. Reference [New York State Diploma/Credential Requirements: Local diploma for English Language Learners](#).

[§] The 4th mathematics examination can be selected from the list of [Department Approved Alternative Examinations](#).

[¶] For the purposes of determining a student's diploma type, exemptions and Special Appeals should be considered passing scores. Both exemptions and [Special Appeals](#) may be applied to all diploma types.