

Gilbertsville-Mount Upton CSD

9-12 Course Catalog, 2022-2023



Mission Statement

At Gilbertsville-Mount Upton Central School, we support everyone's journey to become the best version of themselves by:

- fostering an equitable, inclusive, and student-focused environment
- providing opportunities for academic and community engagement
- empowering individuals to embrace their potential

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**Course and Testing Requirement
For Graduation** Pg. 29

Course Requirements
Regents Diploma
Advanced Regents Diploma
State Exam Requirements

Studio Art

Grade(s): 9, 10, 11, 12

Credit: 1

Elective, Non-Regents

Prerequisite(s): None

Studio Art is the entry class for High School Art. In Studio Art we cover the Elements of Art and the Principles of Design.

The students work with different materials: pencil, marker, pens, paper for collage, and sometimes clay.

Students are instructed in various drawing techniques. Some writing is required in the form of a critique and a report on an artist.

This course meets the NYS requirement for Fine Arts / Technology.

Drawing and Painting

Grade(s): 10, 11, 12

Credit: 0.5

Elective, Non-Regents

Prerequisite(s): Studio Art

This course is an introduction to the use of various drawing materials such as pencils, charcoal, colored pencils, and pastels. Painting is introduced with watercolor and acrylics. All of these are practiced in various projects.

As well as serving as practice for each new medium, the projects are designed for students to learn about artists and schools of art that influence artwork today.

Fiber Arts

Grade(s): 10, 11, 12

Credit: 0.5

Elective, Non-Regents

Prerequisite(s): Studio Art

This course is intended to be a course that provides students with hands-on experience with fiber crafts and skills that have slowly become phased out in our society. Students will learn a variety of skills related to garment production and other fiber crafts through sociocultural and historical lenses. The curriculum offered in this course will teach a wide variety of skills as well as the social history of fiber arts, with the goal to empower students to create and gain lifelong skills in fiber-related media.



Symphonic Band

Grade(s): 9, 10, 11, 12

Credit: 0.5

Elective, Non-Regents

Prerequisite(s): None

Students will study, rehearse, and perform instrumental music of varying levels of difficulty and styles representing the classical to contemporary periods in music history, including a variety of musical genres.

Participation in Marching Band is a requirement for all members. Each member will have a small group lesson on a weekly basis. All students should recognize and develop the individual responsibilities and self-discipline that are essential to the development and growth of the organization.

Senior Chorus

Grade(s): 9, 10, 11, 12

Credit: 0.5

Elective, Non-Regents

Prerequisite(s): None

Students will study, rehearse, and perform choral music of varying levels of difficulty and styles.

Emphasis will be placed on learning music theory and music history as it is related to choral literature, as well as practicing sight singing and proper vocal technique.

The chorus will present three to four major concert performances for the public each year, and participation is required for all members.

Jazz Band

Grade(s): 9, 10, 11, 12

Credit: 0.5

Elective, Non-Regents

Prerequisite(s): None

Jazz Band will provide current band students the opportunity to further develop their skills in the various styles that define “Jazz” through performing in a traditional “big band” style ensemble. Musical styles studied will include (but are not limited to) swing, Latin, rock, funk, and ballads. Basic skills in improvisation will be introduced and developed. Jazz Band is open to students that are currently enrolled in Symphonic Band



Computer Applications 1

Grade(s): 11, 12

Credit: GMU: 1

Elective, Non-Regents

Prerequisite(s): None

An introduction to the use of microcomputers and application software. Topics will include microcomputer terminology, hardware system components, disk operating systems and MS Windows. The student will learn through hands-on experience the skills necessary to use windows-based word processing, spreadsheets, and data base systems.

TC3 Principals of Accounting 1

Grade(s): 11, 12

Credit: GMU: 1, TC3: 4

Elective, Collegiate

Prerequisite(s): None

Accounting is planning, recording, analyzing, and interpreting financial information. Accounting is the language of business. Many individuals in a business complete accounting forms and prepare accounting reports.



Sports and Entertainment Marketing

Grade(s): 10, 11, 12

Credit: 1

Elective, Non-Regents

Prerequisite(s): None

This course explores both the unique business operations involved in the sports and entertainment industries and the commonalities with other businesses and industries.

Career and Financial Management

Grade(s): 11, 12

Credit: GMU: 0.5

Elective, Non-Regents

Prerequisite(s): None

CFM is a course in practical applications of the skills that are necessary to be a participant in daily activities. It will cover the economic system, business systems, career research and planning, employment, finance, taxes, credit, insurance, and consumer protection. Projects include a variety of 2 and 3D mediums.

TC3 Design and Drawing for Production (DDP)

Grade(s): 9, 10, 11, 12
Credit: GMU: 1, TC3: 2
Elective, Non-Regents
Prerequisite(s): None

In DDP students will learn the basics of design, drawing and production. What is designed depends on the problem or task at hand. How we design is much the same for every problem.

Once the design is completed, students must learn how to communicate it. This is where technical drawing comes in. One does not need to be a good artist in order to draw technically.

After learning how to design and create technical drawings, the student is ready to produce the product or make a model/prototype. This part of the course usually involves machines and tools dependent upon the materials the student is working with. Materials may include wood, metal, plastic, or ceramics.

This course meets the NYS requirement for Fine Arts / Technology

Furniture Design

Grade(s): 9, 10, 11, 12
Credit: GMU: 1
Elective, Non-Regents
Prerequisite(s): DDP

In Furniture Design students will learn the basics of designing and constructing a piece of furniture. Each student will choose a project to complete. Designing and drawing the plans for the production process is the first part of the process. The design and drawing include accurate measurements of the parts and a detailed drawing(s) to use as a guide for construction.

After the design process is completed, each student will learn and use the tools and machines associated with the production process. Students will utilize professional engineering techniques to aid in the building of the piece of furniture.

This course meets the NYS requirement for Engineering Technology.



Global History and Geography 1

Grade(s): 9
Credit: 1
Regents
Prerequisite(s): none

Global History and Geography 1 represents the first half of a required two course sequence.

The course involves an overview of the world from earliest history up through the French Revolution of the late 18th century. The course begins with the examination of the different fields that form social studies. The major topics that are examined include the classic civilizations of Egypt, Greece and Rome, the medieval world of Europe, the Renaissance, the Age of Exploration, and the French Revolution.

The course concludes with a local final exam.

Students may also elect to take this course with an option for college credit from Tompkins County Community College

Global History and Geography 2

Grade(s): 10
Credit: 1
Regents
Prerequisite(s): Global History and Geography 1

Global History and Geography 2 represents the second half of a required two course sequence.

The course concludes with a Regents Exam that must be passed in order to graduate.

The main topics are the Industrial Revolution, Imperialism, World Wars, the Cold War and Modern World.

TC3 World History Since 1500

Grade(s): 10
Credit: GMU: 1, TC3: 3
Regents, Collegiate
Prerequisite(s): 85 or above average in Global History and Geography 1

This course option for Global History and Geography 2 adds college credit from Tompkins County Community College

United States History and Government

Grade(s): 11
Credit: 1
Regents
Prerequisite(s): Global History and Geography 2

This NYS required Regents course takes a look at the development of the US Constitution and government and how they have operated and changed throughout our history. The study of major events, persons, and time periods and their impact on our development as a nation, with a focus on 1865 to the present, are included.

Daily activities, quarterly projects, Regents review and exams are an important part of class success.

Economics

Grade(s): 12

Credit: 0.5

Non-Regents

Prerequisite(s): US History and Government

This NYS required course looks at how productive resources are used and distributed; ways to measure economic performance; and how government deals with economic challenges such as poverty, unemployment, inflation, recession and global trade.

Participation in Government

Grade(s): 12

Credit: 0.5

Non-Regents

Prerequisite(s): US History and Government

This NYS required course allows students a participatory way to explore our government (local, state, and federal) and to learn how to effectively become a part of our citizenry.

Topics studied include Levels of Government; Current Issues; Public Policy; Voter Apathy; and Citizenship. A Community Service project is required.

TC3 American National Government

Grade(s): 12

Credit: GMU: 0.5, TC3: 3

Regents, Collegiate

Prerequisite(s): 85 or above average in US History and Government

An examination of the essentials of the American constitutional system, the function of political parties, the concept of the federal system, the role of administrative agencies, the methods by which foreign affairs are conducted, and the manners in which conflicting ideals are resolved in a democratic system. POSC 103 fulfills the SUNY General Education Social Sciences requirement.

This course fulfills the NYSED requirement for Participation in Government.



A Study in Genocide

Grade(s): 11, 12

Credit: 0.5

Elective, Non-Regents

Prerequisite(s): Completion of Global Regents

This elective course is designed to expose students to the history of 20th century genocide. Students start by examining the origins of the modern world genocide. The course continues with a series of case studies including Armenian, Jewish Holocaust, Cambodia, Kurds, Rwanda, and Yugoslavia. The course is discussion-based and any students considering enrolling should be sure they are comfortable participating.

History through Film

Grade(s): 10, 11, 12

Credit: 0.5

Elective, Non-Regents

Prerequisite(s): Completion of Global I, must have an overall average above 81.5, must meet with Miss. Speenburgh before the end of the previous school year to discuss the content and nature of the course and complete a form of intent.

In this elective course students will explore and investigate historical eras and events through the study of film. Students will investigate how filmmakers have depicted, adapted, and even influenced historical occurrences through the analysis of films and discussion. Students will be asked to discuss and determine the accuracy (or lack thereof) of the historical events and eras as depicted in the films that we cover in class and will be expected to share their analysis and findings through written and oral work. Students will tackle topics such as racism, gender, stereotypes, religion, and governmental politics and will be expected to exhibit maturity and respect to their peers, the teacher, and the subject matter.

English 9

Grade(s): 9

Credit: 1

Required, Non-Regents

Prerequisite(s): English 8

English 9 is a world literature survey course. The course focuses on the different genres in literature.

Included in the course are the novel Of Mice and Men, a collection of short stories, and the play Romeo and Juliet.

Students are asked to complete several creative writing assignments. Vocabulary and proper use of Language are instructed throughout the course. Several different approaches and a multitude of creative assessments are incorporated during the course.

English 10

Grade(s): 10

Credit: 1

Required, Non-Regents

Prerequisite(s): English 9

English 10 is a survey course that covers a wide range of writing and literature (e.g., Macbeth, To Kill a Mockingbird, The Crucible, poetry). The course includes writing for various purposes, with emphasis on self and peer-editing and revising. Along with the usual English language instruction (vocabulary, grammar, etc.), and literary analysis, significant time is spent practicing and developing skill in the research process, resulting in a major research paper. Through English 10 reading and writing, students gain the skill and confidence needed to be successful in English as well as other content areas.

English 11

Grade(s): 11

Credit: 1

Required, Regents

Prerequisite(s): English 10

English 11 is an American literature survey course. The course focuses on the different genres in literature, reading samples from each.

Included in the course are the novel Alas, Babylon, a collection of short stories from Edgar Allan Poe and Nathaniel Hawthorne, and the plays Arsenic and Old Lace and Death of a Salesman. Also, during the course, students focus on essay writing.

The final exam for this course is the NYS ELA Regents.

TC3 Academic Writing 2

Grade(s): 12

Credit: GMU: 0.5, TC3: 3

Elective, Non-Regents

Prerequisite(s): 85 or higher average in all previous English courses, Teacher Recommendation

Students develop critical thinking skills as they learn to write and revise essays using appropriate rhetorical strategies and correct grammar. Context for the writing assignments, which may center on a theme, is provided by readings drawn from a variety of academic disciplines. Students learn how to summarize, paraphrase, quote, and synthesize sources. Students are introduced to the research process, information literacy, and documentation styles.

TC3 Approaches to Literature

Grade(s): 12

Credit: GMU: 0.5, TC3: 3

Elective, Non-Regents

Prerequisite(s): TC 3 Academic Writing 2, Teacher Recommendation

Provides a comprehensive introduction to the major aspects of literature. Extensive writing, using various rhetorical modes, helps students appreciate and understand fiction, drama, and poetry as forms of literary expression. ENGL 102 fulfills the SUNY General Education Humanities requirement.

TC3 College Success Seminar

Grade(s): 12

Credit: GMU: 0.5, TC3: 3

Elective, Collegiate

Prerequisite(s): Must be a Senior

Promotes students' personal adjustment and academic success in their first college semester. Topics include adjusting to college, developing essential learning and time management strategies, and learning about college resources.

Yearbook

Grade(s): 9, 10, 11, 12

Credit: 0.5

Elective, Non-Regents

Prerequisite(s): none

This class will publish the Gilbertsville – Mount Upton School yearbook. The course is open to students who are interested in working on the school yearbook.

Students will develop skills in layout design, story writing, editing, proofreading, advertising and marketing.



Pre- Algebra

Grade(s): 9, 10

Credit: 1

Core, Non-Regents

Prerequisite(s): Teacher Recommendation

Pre-Algebra will cover the prerequisites required to make sure that students are prepared to handle the rigors of Integrated Algebra.

The course works at the pace of the students involved with the goal of teaching them the basic skills needed to succeed in proceedings mathematics courses. It is designed to present a logical development as an introductory course to algebra that emphasizes basic concepts, skills, and fundamental operations. Increased emphasis is placed on such topics as the use of integers, equations, inequalities, graphing, and applications to problem solving.

Students will enter Integrated Algebra upon completion of this course.

Algebra 1

Grade(s): 9, 10, 11

Credit: 1

Core, Regents

Prerequisite(s): none

Some of the topics that will be covered include: algebraic expressions, equations, inequalities, exponents, polynomials, factoring, quadratic equations, probability, statistics, geometry, measurement, surface area and volume.

Students will sit for a NYS Regents Examination upon successful completion of this course.

Geometry

Grade(s): 9

Credit: 1

Core, Regents

Prerequisite(s): Integrated Algebra

Geometry is the second course in mathematics for high school students. Students will have the opportunity to make conjectures about geometric situations and prove both formal and informal, that their conclusion follows logically from their hypothesis.

This course is meant to employ an integrated approach to the study of geometric relationships. Integrating synthetic, transformational, and coordinate approaches to geometry, students will justify geometric relationships and properties of geometric figures. Geometry is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from the other sciences

Algebra 2

Grade(s): 11, 12

Credit: 1

Core, Regents

Prerequisite(s): Integrated Algebra, Geometry

Algebra 2 and Trigonometry is the capstone course of the three units of Regents credits offered.

While developing the algebraic techniques that will be required of those students who continue their study of mathematics, this course is also intended to continue developing alternative solution strategies and algorithms. Within this course, the number system is extended to include imaginary and complex numbers. The families of functions to be studied include polynomials, absolute value, radical, trigonometric, exponential, and logarithmic functions.

TC3 Precalculus Mathematics

Grade: 12

Credit: GMU: 1, TC3: 4

Elective, Collegiate

Prerequisite(s): Algebra 2 and Trigonometry or Teacher Recommendation

Students enrolled in this course should have successfully completed both the NYS Regents sequence and Algebra 2 and Trigonometry.

Provides the algebraic foundation, from a function standpoint, for a standard calculus course. Topics include; theory of functions and radicals, right triangle trigonometry, analytic trigonometry, law of sines, law of cosines, trigonometry with applications, vectors, polar coordinates, binomial theorem and conic sections. This course fulfills the SUNY General Education Mathematics requirement.

Students may earn four college credits through Tompkins Cortland Community College for successful completion of this course.

Math and Financial Applications

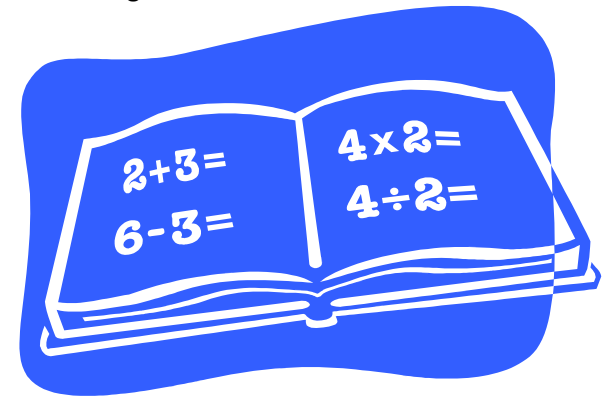
Grade(s): 9, 10, 11, 12

Credit: 1

Elective, Non-Regents

Prerequisite(s): none

Business Math is a course in practical applications of mathematical skills as they are directly related to everyday purposes. Math applications include, but are not limited to: payroll and income, recordkeeping and budgeting, banking, accounts and investments, cash and credit purchases, vehicle housing and insurance costs, purchasing, production, sales, marketing and services.



Living Environment (Biology)

Grade(s): 9, 10, 11, 12

Credit: 1

Required, Regents

Prerequisite(s): None

The Living Environment is a Regents course designed for first year high school students. The course examines the living portion of our environment through examination of topics such as biochemistry, ecology, cellular structure and function, genetics, evolution, botany, and the human body.

The final exam for this course is the NYS Living Environment Regents exam.

Earth Science

Grade(s): 10

Credit: 1

Required, Regents

Prerequisite(s): Living Environment

In this course students investigate the scientific concepts, rules and principles which are associated with planet Earth as well as other celestial bodies.

Major units of study include; Astronomy, Earth's Landforms, Earthquakes and Volcanoes, Earth's Geologic History, Natural Resources, and Meteorology.

The final exam for this course is the NYS Physical Setting / Earth Science Regents exam.

TC3 Principles of Biology 1 & 2

Grade(s): 9, 10

Credit: GMU: 1, TC3: 3

Core, Regents, Collegiate

Prerequisite(s): None

BIOL101 and BIOL102 present an overview of major biological principles. Topics include chemistry as it relates to organisms, cell morphology and physiology, and genetics. The course is intended for students who do not plan to transfer to an upper-level major in science, environmental science, medicine, or a science-related field. BIOL 101 and BIOL102 fulfill the SUNY General Education Natural Sciences requirement.

TC3 Principles of Biology 1 & 2 are offered to fulfill the NYSED Living Environment requirement



TC3 General Biology 1 & 2

Grade(s): 11, 12

Credit: GMU: 1, TC3: 4

Core, Regents, Collegiate

Prerequisite(s): None

BIOL104 and BIOL105 present an introductory level biology sequence designed for students who plan to transfer to an upper-level program in science, environmental science, medicine, or a science-related field. Students who are interested in a rigorous study of biology may also enroll. Topics include basic chemistry and biochemistry, cell morphology, physiology and energetics, and classical and molecular genetics. Laboratories are strongly quantitative. Substantial outside preparation for lectures and laboratories is required. BIOL 104 and BIOL105 fulfill the SUNY General Education Natural Sciences requirement.

TC3 Principles of Chemistry 1 & 2 (Regents Chemistry)

Grade(s): 11, 12

Credit: GMU: 1, TC3: 4

Core, Regents, Collegiate

Prerequisite(s): Living Environment,
Earth Science

CHEM101 is a study of the basic principles of chemistry including measurement, atomic structure, bonding, mole concept, stoichiometry, and chemical formulas and equations. It is intended for students who have not had a chemistry course. Laboratory experiments are hands-on, wet lab, performed in a traditional chemistry lab under supervision of a chemistry professor. CHEM 101 fulfills the SUNY General Education Natural Sciences requirement.

CHEM102 is a continuation of CHEM 101 including studies of liquids, solids, chemical equilibrium, electrochemistry, aqueous solutions, gases, organic chemistry, acids, and bases

The final exam for this course is the NYS Physical Setting / Chemistry Regents exam.

Integrated Science

Grade(s): 9, 10, 11, 12

Credit: 1

Core, Non-Regents

Prerequisite(s): None

Integrated Science may serve as a third science course during a student's high school career.

The course helps students develop basic science skills. The course will explore all aspects of science in the primary areas of life and physical science.

Topics may include basic chemistry, life systems and Earth as a planet.



Advanced STEAM Applications

Grade(s): 10, 11, 12

Credit: 1

Elective, Non-Regents

Prerequisite(s): Teacher Recommendation

Advanced STEAM Applications is a course geared towards upper-level students who are self-driven and want a challenge. The course can be molded to meet the interests of the students in various aspects of STEAM. (Science, Technology, Engineering, Art, and Math) The class centers around a problem & project-based learning approach where we work in teams. Grading is based on self-assessment & reflection. Expect to use various hardware & software applications to solve problems. This course is perfect for the creative student who is hard working and likes a challenge in a safe and supportive environment.

High School Physical Education

Grade(s): 9, 10, 11, 12

Credit: 0.5

Required, Non-Regents

Prerequisite(s): none

The High School Physical Education Program concentrates on fitness, lifetime activities, and teamwork. Activities in the weight room, with medicine balls, exercise balls, fitness testing and running work in developing fitness and lifetime activities.

Tennis, golf, archery, badminton and table tennis, Frisbee, lawn games and similar racquet sports meet the lifetime goals.

Health Education

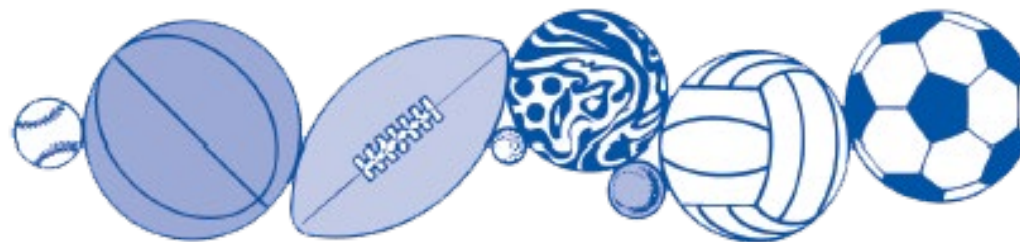
Grade(s): 9, 10, 11, 12

Credit: 0.5

Required, Non-Regents

Prerequisite(s): none

Health Education is an ongoing course where students take three progressive classes. Health 7 introduces students to the components of health and teaches them life-skills such as decision making, goal setting, stress management, negotiation, and communication skills. Health 10 will provide instruction in parenting education, interpersonal violence, consumer, and environmental health as well as CPR/AED skills.



Spanish 1

Grade(s): 9, 10, 11, 12

Credit: 1

Required, Non-Regents

Prerequisite(s): none

This course is designed for students with no prior second language experience or students who did not successfully pass the NYS Proficiency Exam for Spanish.

Emphasis is placed on four areas: listening, speaking, reading, and writing. The communication approach is stressed with emphasis on real life situations and the ability to communicate meaningfully.

Spanish 2

Grade(s): 9, 10, 11, 12

Credit: 1

Required, Non-Regents

Prerequisite(s): Spanish 1

This course is designed to use the Spanish language studied during Spanish 1. This is the next level of course studied after passing the NYS Proficiency Exam.

The emphasis of the course is placed on using the language for communication. Reading, writing, and listening skills are also enhanced.

Thematic units related to house and home, family, personal identification, and others are taught with the use of role playing, videotaping, educational games, hands on projects and technology.

Spanish 3

Grade(s): 9,10,11,12

Credit: 1

Core, Proficiency

Prerequisite(s): Spanish 1, Spanish 2

This course is designed to develop intermediate communication, reading, writing, and speaking skills through a variety of methods. This course will also foster a greater understanding and appreciation of cultures and peoples of the world. Opportunities may include skit videotaping, cooking, guest speakers, role-playing, educational games, and technology.

The Comprehensive Regents Exam for Spanish is given at the end of the course.

Spanish IV

Grade(s): 12

Credit: 1

Core, Collegiate

Prerequisite(s): Spanish 3

This course is designed to develop intermediate communication skills. This course will also foster a greater understanding and appreciation of cultures and peoples of the world. Students will focus on the most commonly used language structures in a variety of activities and contexts that will challenge and improve their speaking, listening, reading and writing skills.

Graduation Requirements

Regents Diploma

Subject Area	Credits
English	4
Social Studies	4
Mathematics	3
Science	3
Foreign Language	1
Art / Music	1
Health	0.5
Physical Education	2
Sequence / Electives	4
Total Credits Required	22.5

Advanced Designation Regents Diploma

Subject Area	Credits
English	4
Social Studies	4
Mathematics	3
Science	3
Foreign Language	3
Art / Music	1
Health	0.5
Physical Education	2
Electives	2
Total Credits Required	22.5

Required Exams

Passing score of 65 or above

English Language Arts
Integrated Algebra
Regents Global Studies
Regents US History
One Regents Science

Required Exams

Passing score of 65 or above

English Language Arts
Integrated Algebra
Geometry
Algebra 2 / Trigonometry
Regents Global Studies
Regents US History
Two Regents Science
Regents Foreign Language

- Students acquiring a 5-unit sequence in art, music, or a vocational program may be exempt from the three-unit foreign language requirement. These students must earn one credit in foreign language, either through a proficiency exam or by a high school course credit.