

**2023-2024**  
**COURSE CATALOG**



**HANNIBAL HIGH**  
**SCHOOL**

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# **COUNSELING DEPARTMENT**

**Kate Hooper, School Counselor**

**Meg Jaworski, School Counselor**

## **ACADEMIC PLANNING**

The Hannibal High School Course Catalog for 2023-2024 offers a wide range of courses. It also provides essential information regarding graduation requirements, grading systems, and educational opportunities offered to meet individual needs. All students are encouraged to read the course catalog carefully to help inform course selection. The hope is that students, along with the support of their counselors, make choices that will result in a challenging and rewarding educational program.

**PLEASE NOTE:** Course selections are NOT guaranteed. Fluctuating enrollments, limited class size, and/or insufficient requests may prevent your assignment to one of your selected classes. The Counseling Office staff will do all that is possible to satisfy your original request. However, when this cannot be done, your course selections will be modified. When possible, you will be notified of these changes.

## **SCHEDULING**

Each student will complete a course request sheet that indicates his/her course requests for the following school year. Counselors will meet with all students individually to make course requests. These sessions will also provide a review of the student's transcript, graduation requirements, and current diploma track.

Students wishing to attend CiTi during the 2023-2024 school year will review their transcript, grades, and attendance with their counselor to determine eligibility. If a student is in good academic standing, CiTi will be incorporated into the student's schedule for the following school year. Students will also be given a CiTi CTE application form that must be signed by a parent/guardian. See pages 9 and 10 for more details.

*To earn course credit, high school students must meet the minimum scholastic requirements of the course established by the State Education Department and/or the teacher and principal. Students will be informed of these requirements by their teachers.*

## **WEIGHTING OF COURSES**

Class rank is determined by averaging all of the courses students take that have credit attached to them. The final course average is multiplied by the weight determined for that course. All courses are weighted at 1.0, with the exception of college courses, which are weighted at 1.15.

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## **HONOR ROLL**

In order to be considered for High Honor Roll a student must have a 90-100 average, and Honor Roll is an 85-89 average. All course grades must be above 65 to be eligible.

# **GRADUATION REQUIREMENTS**

Counselors will work with students to monitor their academic progress and will advise them as to what requirements they will need in order to earn their diploma. It is important that students take responsibility for keeping track of their coursework and Regents exams throughout their high school career.

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## **REGENTS DIPLOMA**

### **REQUIRED COURSES**

ENGLISH	4 CREDITS
SOCIAL STUDIES	4 CREDITS
MATH	3 CREDITS
SCIENCE	3 CREDITS
FOREIGN LANGUAGE	1 CREDIT
FINE ART	1 CREDIT
HEALTH	½ CREDIT
PE	2 CREDITS
ELECTIVES	3 ½ CREDITS

### **REQUIRED REGENTS EXAMS**

COMPREHENSIVE ENGLISH  
GLOBAL HISTORY & GEOGRAPHY  
US HISTORY & GOVERNMENT  
INTEGRATED ALGEBRA  
ONE REGENTS SCIENCE EXAM  
**\*\*PASSING SCORE OF 65 REQUIRED\*\***

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<b>TOTAL</b>	<b>22 CREDITS</b>
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## **REGENTS DIPLOMA WITH ADVANCED DESIGNATION**

### **REQUIRED COURSES**

ENGLISH	4 CREDITS
SOCIAL STUDIES	4 CREDITS
MATH	3 CREDITS
SCIENCE	3 CREDITS
FOREIGN LANGUAGE	3 CREDITS
<b><i>*A 5 UNIT SEQUENCE IN ART, MUSIC, OR CTE MAY REPLACE THE 3 UNIT FOREIGN LANGUAGE SEQUENCE</i></b>	
FINE ART	1 CREDIT
HEALTH	½ CREDIT
PE	2 CREDITS
ELECTIVES	1 ½ CREDITS

### **REQUIRED REGENTS EXAMS**

COMPREHENSIVE ENGLISH  
GLOBAL HISTORY & GEOGRAPHY  
US HISTORY & GOVERNMENT  
LIVING ENVIRONMENT  
ONE ADDITIONAL SCIENCE REGENTS EXAM  
INTEGRATED ALGEBRA  
GEOMETRY  
ALGEBRA II  
FOREIGN LANGUAGE  
***\*LOCAL EXAM FOR CURRENT SPANISH III  
STUDENTS MUST BE PASSED FOR THE  
ADVANCED DIPLOMA\****

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<b>TOTAL</b>	<b>22 CREDITS</b>
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- Local diplomas remain available for students with disabilities.
- An integrated course in technology may be used to satisfy the requirement for a third credit in math OR science. These courses are Production Systems and World of Technology.

# **CENTER FOR INSTRUCTION, TECHNOLOGY, AND INNOVATION**

Hannibal High School provides juniors and seniors access to career and technical education (CTE) programs that are designed to prepare students for entry into the workforce. Students attending a CTE program at the CiTi campus in Mexico will spend half of their school day there, and have the potential to earn 4.0 credits towards graduation. Individual visits can be arranged for any student interested in learning more about a particular program. Information on official visits and course descriptions are available in the Counseling Office.

AM Session: 8:30 a.m. - 11:00 a.m.

PM Session: 12:00 p.m. - 2:30 p.m.

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## **2023-2024 CTE COURSE OFFERINGS**

ADVANCED METAL MANUFACTURING

AUTO BODY REPAIR

COMPUTER CODING

COSMETOLOGY

DENTAL ASSISTING

EARLY CHILDHOOD EDUCATION

INDUSTRIAL ELECTRICAL TECHNOLOGIES

PUBLIC SAFETY AND JUSTICE

AGRICULTURAL STUDIES

AUTO TECHNOLOGY

CONSTRUCTION TECHNOLOGY

CULINARY ARTS

DIGITAL MEDIA TECHNOLOGY

HEAVY EQUIPMENT

NURSING ASSISTANT

WELDING TECHNOLOGY

*Students may be eligible to earn integrated credits in English, Math, Science, Health, and/or PE in certain courses. This will be determined when schedules are created with counseling staff.*

## **REQUIREMENTS FOR ATTENDING CiTi**

- Successful completion of English 9 and English 10
- Successful completion of Global History I and Global History II
- Successful completion of 2 units of math
- Successful completion of 2 units of science
- Satisfactory attendance record

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# **ENGLISH**

## **ENGLISH 9**

**1 CREDIT**

The Ninth Grade English program continues to build on the foundation of language development skills in reading, writing, listening, and speaking established through an instructional scaffold Pre-K through Eighth Grade. The course lessons and assignments are aligned with New York State Common Core Learning standards and instructional shifts in literacy. There is an emphasis in text complexity, evidence based claims, academic vocabulary, writing from sources, and building knowledge in the disciplines. The course includes units of study that foster growth in language skills such as close reading, supporting claims with evidence, writing processes, and research strategies. Student progress is monitored and evaluated through various forms of assessments both formative and summative.

## **ENGLISH 10**

**1 CREDIT**

The Tenth Grade English program continues to build on the foundation of language development skills in reading, writing, listening, and speaking established through an instructional scaffold Pre-K through Ninth Grade. The course lessons and assignments are aligned with New York State Common Core Learning standards and instructional shifts in literacy. There is an emphasis in text complexity, evidence based claims, academic vocabulary, writing from sources, and building knowledge in disciplines. The course includes units of study that foster growth in language skills such as close reading, supporting claims with evidence, and the writing process and research strategies. Student progress is monitored and evaluated through various forms of assessments both formative and summative.

## **ENGLISH 11**

**1 CREDIT**

The Eleventh Grade English program continues to build on the foundation of language development skills in reading, writing, listening, and speaking established through an instructional scaffold Pre-K through Tenth Grade. The course lessons and assignments are aligned with New York State Common Core Learning standards and instructional shifts in literacy. There is an emphasis in text complexity, evidence based claims, academic vocabulary, writing from sources, and building knowledge in disciplines. The course includes units of study that foster growth in language skills such as close reading, supporting claims through evidence, the writing process, and research strategies. Student progress is monitored and evaluated through various forms of assessments both formative and summative, including the ELA Common Core Regents Examination at the end of the course. This examination will be offered to all English 11 students in January as well as June.

## **ENGLISH 12**

**1 CREDIT**

As the capstone of the ELA curriculum, this course is designed with many opportunities for students to explore several styles of writing as they develop a portfolio showcasing the best versions of their writing pieces. Expository and creative writing options allow them to connect their writing pieces to a variety of interests. Emphasis will be placed on adherence to the conventions of standard written English, in

sentence structure, grammar, usage, punctuation, and spelling, as well as regularly engaging in the writing process. Study of various areas of literature, including American, Gothic, Greek and Roman Mythology, and Shakespeare will serve as mentor texts and models for inspiration for their own writing. The reading, writing, revising, and editing skills they develop here will not only help them through their academic career-no matter what their major-but also in their life after graduation. Most importantly, students will be learning to engage in a supportive creative community that empowers individual curiosity, and artistic risk taking.

### **FRESHMAN COMPOSITION I AND II** (OCC, 6 College Credits)

**1 CREDIT**

***Prerequisite:** Teacher recommendation, high achievement in English 11 (average and work ethic), and scored an 85 or higher on the English Language Arts Regents examination.* This course has been designed for twelfth grade students who excel in English. Students will earn 6 college credits through Onondaga Community College ( 3 credits for English 103, 3 credits for English 104). Course content is typical of any college's freshman literature and freshman composition courses, and will consist of extensive in-depth writing and advanced literature.

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## **SOCIAL STUDIES**

### **GLOBAL HISTORY AND GEOGRAPHY I**

**1 CREDIT**

Global History and Geography I provides students with the opportunity to study other nations and their cultures within a framework that is designed to develop a global perspective. This approach aims to develop students' knowledge, skills, and attitudes necessary to function effectively in a world characterized by ethnic diversity, cultural pluralism, international and domestic conflict, and increasing interdependence. A comprehensive final exam will be given at the end of the school year.

### **GLOBAL HISTORY AND GEOGRAPHY II**

**1 CREDIT**

Global History and Geography II provides students with the opportunity for continued study of other nations and cultures. This course is only for students who have completed Global History and Geography I. Students must pass the Global History and Geography Regents which will be given in June.

### **U.S. HISTORY AND GOVERNMENT**

**1 CREDIT**

United States History and Government is an American History course with emphasis placed on the United States Constitution and how it has evolved since 1787. Students learn about landmark Supreme Court cases and how the courts have interpreted the Bill of Rights throughout critical times in United States history. Other topics include immigration, industrialization, reform movements, prosperity, depression, foreign policy and conflicts. Students must take and pass the United States History and Government Regents in June for credit and graduation.

## **AP U.S. HISTORY**

**1 CREDIT**

***Prerequisite:** Juniors must have scored 85 or higher on the Global Regents Examination and have teacher recommendation.* AP United States History is a challenging course taught at a freshman college level. This course is a two-semester survey of United States history from the colonial period to the present. The course emphasizes critical and evaluative thinking skills, essay writing, and interpretation of original documents. Students will improve their research, writing, and historical thinking skills as they participate in Socratic seminars, presentations, research papers and projects, and the completion of selected readings. The course uses a college textbook and readings will be assigned on a regular basis. Students will also be taught how to take notes on class lectures to help them prepare for college lectures. Students will take the AP exam in May and the United States History and Government Regents exam in June.

## **PARTICIPATION IN GOVERNMENT**

**½ CREDIT**

This required course is designed to prepare students for active participation in the democratic process. Students practice the skills necessary for informed decision making and effective participation in government through the analysis of both current and historical issues. Students must complete ten hours of community service to receive credit for this course.

## **ECONOMICS 12**

**½ CREDIT**

The purpose of this required course is to provide students with a general understanding of the functioning of economic systems. While the major focus of the course is the capitalist system, other forms of economic systems will also be discussed.

## **AMERICAN HISTORY THROUGH ART, MUSIC, AND LITERATURE**

**½ CREDIT**

The purpose of this course is to allow students to explore cultural movements in the United States by studying art, literature, and music of the time. The class will discover how artists and authors responded to major events in our country's history, as well as how they reflect the cultural attitudes at the time.

## **HISTORY OF ORGANIZED CRIME**

**½ CREDIT**

This course will examine the roots of organized crime in Italy and trace its growth in the United States through the 20th Century. This course will also compare worldwide instances of organized crime such as Russia and the cartels of South America.

## **HISTORY OF SPORTS IN AMERICA**

**½ CREDIT**

This course will examine the relationship between sports and various social studies disciplines such as politics, law, criminal justice, geography, economics, and psychology. Throughout the semester students will look at significant moments in sports and examine how the historical atmosphere of the nation shaped those events. They will also look at how sports have changed the historical atmosphere of the nation.



## **HISTORY THROUGH FILM**

**½ CREDIT**

Students will study, compare, and connect historical events through the lens of Hollywood films. Students can expect to analyze the historical accuracy of films, use films to dive deep into lesser taught historical events, and study the cultural impact of movies.

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## **MATHEMATICS**

### **ALGEBRA 1A**

**1 CREDIT**

Algebra 1A is the first year of the two-year Algebra 1A/1B program. With the support of a mathematics teacher and a special education teacher, students will participate in a class with a concentration of introducing algebraic skills including: linear functions, inequalities and systems, quadratic and polynomial functions, absolute value and piecewise functions, exponential growth and decay functions, and statistics. A graphing calculator is used to enhance these topics. This is the first course of two in preparation for the Algebra Regents Exam.

### **ALGEBRA 1B**

**½ CREDIT**

*Prerequisite: Algebra 1A.* Algebra 1B is the second year of the two-year Algebra 1A/1B program. With the support of a mathematics teacher and a special education teacher, students will revisit and investigate further into the topics previously introduced in Algebra 1A: linear functions, inequalities and systems, quadratic and polynomial functions, absolute value and piecewise functions, exponential growth and decay functions, and statistics. This course will use a graphing calculator as a tool for reviewing previously studied topics and as a technique for improving results on the Algebra Regents Exam. The state exam will be given at the completion of this course. This exam must be passed, as it is a graduation requirement.

### **BUSINESS MATH**

**½ CREDIT**

Students learn the skills necessary to succeed as an entrepreneur. During the first ten weeks, students are introduced to business basics and financial mathematics. Topics include the different types of business, business management, wages, operating expenses, government regulations, sales, and marketing. The second ten weeks of this course challenges students to use what they learned during the first ten weeks to create their very own business plan. Students will visit local, small businesses to gather personal knowledge of what it is like to start a business. Once the students have written a business plan, analyzed business expenses, created a logo, designed a business card and recorded an advertisement, they will then pitch their business to a panel of administration and teachers reminiscent of the hit show “Shark Tank.” During the course, students will also attend a field trip to Syracuse University’s Whitman School of Management in order to consider a post-secondary option should they choose to pursue a career in the field of business.

## **ALGEBRA I**

**1 CREDIT**

Students will participate in a class with a concentration of algebraic skills including: linear functions, inequalities and systems, quadratic and polynomial functions, absolute value and piecewise functions, exponential growth and decay functions, and statistics. A graphing calculator is used to enhance these topics. The Algebra Regents Exam will be given at the completion of this course in June. The exam must be passed, as it is a graduation requirement.

## **GEOMETRY**

**1 CREDIT**

***Prerequisite:** 65 or higher on Algebra Regents Exam and teacher recommendation.* Within this course, students will have the opportunity to make conjectures about geometric situations and prove in a variety of ways, 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. Congruence and similarity of triangles, transformations, properties of triangles, quadrilaterals, and circles will be established using appropriate theorems. It is intended that students will use the traditional tools of compass and straightedge as well as dynamic geometry software that models these tools more efficiently and accurately, to assist in these investigations. The Geometry Regents exam will be given at the completion of this course in June.

## **ALGEBRA II**

**1 CREDIT**

***Prerequisite:** Passed Geometry Regents Exam and teacher recommendation.* Algebra II is the third course in the New York State math sequence. The topics include algebra, relations and functions, trigonometric functions, exponential and logarithmic functions, probability and statistics. Students enrolled in this course will prepare to take the New York State Algebra II Regents Exam in June. Students are required to use a graphing calculator in this course.

## **CONSTRUCTION MATH**

**1 CREDIT**

***Prerequisite:** Algebra I.* Construction Math is a course geared toward sophomores who plan to attend a construction-related program. Even for students who are not interested in a construction career, construction math can make difficult concepts sequential and tangible. Students will be able to recognize the value of math through real-world application and consider the range of satisfying career paths in the construction industry.

## **PERSONAL FINANCE**

**1 CREDIT**

Personal Finance topics include career exploration, budgets, loans, banking, credit reports, and investments. This course is intended to mix content from textbooks with learning through projects. There are projects in the areas of career exploration/resume writing, budgets and expenses, checking accounts, purchasing a vehicle, purchasing a house, and investing in stocks. This course will prepare students for roles as good consumers, entrepreneurs, and business leaders. The course will culminate in a year-end local final.

**COLLEGE PRE-CALCULUS MAT 143** (OCC, 4 College Credits)**1 CREDIT**

**Prerequisite:** *Passed Algebra II Regents Exam and teacher recommendation.* Pre-Calculus is designed to prepare students for their first course in calculus and other college courses in mathematics. The majority of content is centered on topics dealing with functions, both polynomial and rational. Special functions such as irrational, exponential, logarithmic, trigonometric, and inverse trigonometric functions are developed using a graphing calculator. Advanced mathematical areas, such as limits and derivatives of functions, as well as sequences and series are studied. Each student is required to have a graphing calculator for the course. This course is offered for optional college credit through OCC.

**COLLEGE CALCULUS MAT 144** (OCC, 4 College Credits)**1 CREDIT**

**Prerequisite:** *Passed College Pre-Calculus and teacher recommendation.* College Calculus is an intensive study of various types of functions through their limits, derivatives, integrals, and applications. The course is intended for students who have thorough knowledge of mathematics, including algebra, axiomatic geometry, trigonometry, and analytic geometry (rectangular and polar coordinates, equations and graphs, lines, and conics). Along with mastery of these areas of mathematics, students also need a high degree of motivation. This course is offered for optional college credit through OCC.

**COLLEGE STATISTICS MAT 214** (OCC, 3 College Credits)**½ CREDIT**

**Prerequisite:** *Teacher recommendation.* College Statistics provides a rigorous study of the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four main conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. This course is equivalent to a one semester college level introductory statistics course. The total workload and difficulty level reflect the fact that this is a college level course.

**INTRO TO COMPUTER SCIENCE CSC 110** (OCC, 4 College Credits) **½ CREDIT**

**Prerequisite:** *Algebra I and a second high school level math course. Offered to juniors and seniors.* Come explore the dynamic world of computer science! Knowing computer science is not a luxury in today's world, it is a necessity. Web design, internet programming, mining for data, and other modern computer applications will be explored.

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## **SCIENCE**

*\*Regents science courses all have a laboratory requirement that must be satisfied in order to take the Regents exam.*

### **REGENTS LIVING ENVIRONMENT**

**1 CREDIT**

Major areas of study include similarities of living organisms, inheritance of genetic information, evolution, reproduction and development, maintenance of dynamic equilibrium within living things, ecology, and human impact on the physical and living environments. Scientific inquiry and the development and testing of hypotheses will also be stressed, particularly in laboratory sessions. The class will meet every other day with an additional required lab section meeting once every four days.

### **REGENTS EARTH AND SPACE SCIENCE**

**1 CREDIT**

This course provides students with the information they will need to understand the planet they inhabit. Some of the topics covered include astronomy, geology, meteorology, and the environment. The class will meet every other day with an additional required lab section meeting once every four days. The Regents exam for this course has two components: The Laboratory Performance Test and a written test. The Laboratory Performance component will be completed in the lab period by the end of the semester. The written component is scheduled during Regents week in June.

### **REGENTS CHEMISTRY**

**1 CREDIT**

***Prerequisite:** Successful completion of Geometry.* This course presents a modern view of chemistry suitable for students with a wide range of skills and abilities. The topics covered in this course develop and unify the major underlying principles of chemistry. These principles are essential to the understanding of our environment. Included as part of the course is an additional lab period that meets every other day, which provides the student with a variety of laboratory experiences in order to reinforce the chemical principles studied.

### **REGENTS PHYSICS**

**1 CREDIT**

***Prerequisite:** Successful completion of Geometry.* This course is an introduction to physics and is designed to prepare students for the New York State Board of Regents Physics Examination. Key topics in the course include mechanics, electricity and magnetism, waves, optics, and selected modern physics concepts. Regents physics will meet three out of four days since there is a lab section involved.

### **CONSUMER CHEMISTRY**

**½ CREDIT**

***Prerequisite:** Successful completion of 1 Regents science course.* What makes popcorn pop? Are brand name products really worth the extra cost? Why do some recipes use butter while others use shortening? What are the chemicals in my lip balm and are they necessary? What kinds of materials are used to make my smartphone? If you have ever asked yourself any of these questions, or are interested in finding out the answers, then this is the

class for you! Experience chemistry in ways you never have before by performing investigations and learning about things that have relevance in your life. This course will be lab and research oriented. Students will read articles and do research to go along with their lab activities and projects.

## **ENVIRONMENTAL SCIENCE**

**½ CREDIT**

**Prerequisite:** *Successful completion of 1 Regents science course.* This course provides an educationally stimulating experience that will allow students to inquire, learn, research, and discuss ways in which they can personally be a more environmentally conscious consumer. We would delve into various concepts including climate change, organic farming, energy sources, sustainability and waste. Students will be able to analyze their current practices, compare and contrast them with other options and debate the pros and cons of various alternative practices.

## **ACTIVE PHYSICS**

**½ CREDIT**

**Prerequisite:** *Successful completion of 1 Regents science course.* This course will engage students in physics through hands-on inquiry, all explored in the context of being a safe driver, the physics of sports, and the thrills delivered on amusement park rides. Critical thinking and problem solving are at the heart of this course along with using math in real-world contexts. Each unit will be driven by questions that are relevant and can be investigated.

## **FORENSIC SCIENCE**

**½ CREDIT**

**Prerequisite:** *Successful completion of 1 Regents science course.* In this course, students will learn how to process a crime scene and practice various scientific techniques used in solving crimes. They will collect and analyze fingerprints, hair, soil, fibers, perform blood typing, and toxicology tests. They will also read interesting criminal case studies, research a famous crime, and analyze a mock crime scene. This course would be an introductory forensic course for students working on obtaining their third science credit for graduation. Students will be able to enhance their lab, teamwork, problem solving, writing, and research skills throughout this course, and have fun doing it. This course is only offered to juniors and seniors.

## **SUPA FORENSICS** *(Syracuse University, 4 College Credits)*

**1 CREDIT**

**Prerequisite:** *Juniors or seniors who have successfully completed 3 science credits for graduation.* This course introduces the science behind crime detection and analysis. The course emphasizes the techniques used in evaluating physical evidence, and techniques commonly employed in forensic investigations through lab exercises. SUPA Forensics will meet three out of four days, since there is a lab section involved. Students enrolled in this course will have the opportunity to earn 4 college credits through Syracuse University. Seniors who have an overall science average of 80 or better and have already earned their 3 science credits for graduation are eligible to register for this course. The fee to receive college credit for this course is \$110 per credit hour (total of \$440 for the course).

## **AP ENVIRONMENTAL SCIENCE**

**1 CREDIT**

**Prerequisite:** *Juniors or seniors who have successfully completed 3 science credits for graduation.* The goal of the AP Environmental Science Course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze

environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. College credit can be earned with a score of 3 or better on the AP Exam.

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## **PHYSICAL EDUCATION/HEALTH**

### **PHYSICAL EDUCATION**

**½ CREDIT**

The high school physical education program offers students a wide variety of activities ranging from competitive team games such as basketball, soccer, and volleyball, to individual lifetime sports activities such as tennis, golf, and weight training. In addition, adventure based activities designed to build problem solving and cooperative skills will be introduced. Some activities will be taught in a coeducational setting. Fitness testing to assess student fitness levels will be given twice a year. The components of the fitness test will address core strength, flexibility, and cardiovascular endurance. Physical education classes will be assigned to each student for the entire school year. Classes are 80 minutes long, and meet once every four days. Grades for physical education classes are given once every ten weeks. Students will receive ½ credit upon successful completion of the physical education requirement for the year. New York State mandates that students receive 2 credits to graduate from high school.

### **ADAPTIVE PE**

**½ CREDIT**

Students who demonstrate the need for an adaptive physical education class will participate in an alternative program designed to accommodate students' individual abilities. Course content will range from written work to moderate physical activity.

### **HEALTH**

**½ CREDIT**

Health is a required one-semester course for all high school students, which is typically taken in tenth grade. Topics to be covered are physical, mental, and environmental health, disease and disease control, smoking, alcohol, drugs, family life, sexuality, nutrition, and first aid. Presentation is done through discussion groups, films, guest speakers, and written reports.

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## **LANGUAGE OTHER THAN ENGLISH (LOTE)**

### **SPANISH I**

**1 CREDIT**

Spanish IB is a continuation of Spanish IA which was taken in eighth grade. Students begin to acquire the basic beginner-level language skills needed to communicate and interact in a Spanish-speaking context. All facets of a language are developed with special emphasis on the spoken language. Students learn via authentic cultural

contexts in which interactive multimedia materials help students experience Spanish-speaking cultures. Satisfactory completion of this course earns students one LOTE credit, required for graduation.

## **SPANISH II**

**1 CREDIT**

Spanish II builds on the language skills acquired from Spanish IA and IB. This course guides students toward attaining beginner-low proficiency in Spanish. All facets of the Spanish language are developed within a cultural authentic context involving interactive multimedia materials. Students will become comfortable in a Spanish-speaking environment and learn strategies to cope in an immersion setting. It is expected that students taking Spanish II will continue in the LOTE sequence in Spanish III. Satisfactory completion of this course earns students one LOTE/elective credit.

## **SPANISH III**

**1 CREDIT**

Spanish III builds on the language skills acquired from Spanish II. This course guides students toward attaining intermediate-low proficiency in Spanish. All facets of the Spanish language are developed within an authentic cultural context involving a variety of interactive multimedia materials. Students at this level are expected to be able to function in the Spanish language in everyday situations. Satisfactory completion of this course earns students a LOTE/elective credit and a sequence in LOTE, an essential component of the Advanced Regents Diploma.

## **SPANISH IV SPA 201** (*SUNY Oswego, 3 College Credits*)

**1 CREDIT**

Spanish IV is a 200-level college course for students who have already completed the LOTE sequence in Spanish. In this course students develop all facets of the Spanish language via cultural explorations. Students must be motivated to communicate in Spanish in everyday situations as this course is conducted primarily in Spanish. Satisfactory completion of this course earns students one LOTE/elective credit as well as 3 college credit hours. **The State University of New York (SUNY) states that the general education requirement for one foreign language course is waived if a student has:** passed a Regents equivalent “Checkpoint B” or Spanish III examination in foreign language, with a score of 85 or above; or completed three or more years of a foreign language in high school with a course grade in the third year of 85, or B, or better. *Note: Requirements vary by university. Students are encouraged to discuss foreign language requirements with an admissions counselor.*

## **UNIFIED SPANISH LANGUAGE AND CULTURE**

**1 CREDIT**

Spanish Communication and Culture is a beginner course focusing on basic communicative skills and authentic experiences beyond linguistics. All facets of this course are based on real-life exchanges and cultural comparisons and understandings to widen worldview. Successful completion of this course will earn students one elective credit.

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## **FINE ARTS**

**\*\*\*Students taking a sequence of not less than 5 units of credit in the arts may substitute that in place of the 3 units in a language other than English (LOTE) for an Advanced Regents Diploma. The 5 credits must contain a minimum of two credits in knowledge and two in skill development.**

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## **ART**

### **STUDIO IN ART**

**1 CREDIT**

This course is one of the two basic introductory art courses offered at the high school. Studio introduces the visual arts in the areas of drawing, painting, printmaking, illustration, sculpture and ceramics, and uses a wide range of materials such as paint, pastels, clay, markers, and wire. There is a strong emphasis placed upon an understanding of the basic elements of art, which include line, texture, color, shape, space, perspective, and composition. Other areas of instruction include basic art history, aesthetic judgment and criticism, the role of art in society, and art careers. This course fulfills the fine art graduation requirement.

### **DRAWING AND PAINTING**

**1 CREDIT**

***Prerequisite:*** *Studio in Art.* This course is recommended for tenth through twelfth grade students. This introductory course is designed to acquaint students with many different materials used in drawing and painting. Such materials are pen, pencil, charcoal, pastels, acrylics, and watercolors. Students explore a variety of techniques utilizing these materials focusing on the following areas: landscape, still life, figure, and 20th Century art styles.

### **DIGITAL PHOTOGRAPHY**

**½ CREDIT**

***Prerequisite:*** *Studio in Art.* This course introduces the basics of digital photography to students using Canon EOS Rebel T3 cameras and photoshop software. Students may use their own cameras for most assignments; however, the school will provide any student with a camera who pays a \$50 deposit fee. Preference for enrollment is given to juniors and seniors.

### **DIGITAL ART AND DESIGN**

**½ CREDIT**

***Prerequisite:*** *Digital Photography.* Students will learn how to effectively use design software in a graphic design environment to visually communicate an idea. Projects include illustrations, advertising, publications, and package designs. Students will also learn about career options in the computer arts.



## **CERAMICS I**

**1 CREDIT**

**Prerequisite:** *Studio in Art. Recommended for tenth through twelfth grade students.* Ceramics is a course designed to familiarize students in the techniques of hand building clay forms, in areas of coil technique, wedging clay, multi-form pottery, wheel thrown pottery, kiln preparation, preparation of green-ware and bisque-ware, and other techniques in ceramic sculpture.

## **CERAMICS II**

**1 CREDIT**

**Prerequisite:** *Ceramics I.* This is an advanced level Ceramics course designed for students to apply what they learned in Ceramics I to further develop their technical skill in hand building and throwing. The majority of projects will be self-directed based on areas of expertise and interests. There will be a strong emphasis on independence and personal exploration.

## **PORTFOLIO PREP**

**1 CREDIT**

**Prerequisite:** *Studio in Art and one other art course.* This course is crucial for students interested in pursuing art/art education. Portfolio Prep will help develop an extensive, personal and technically sound art portfolio of exceptional quality. For the potential college art/art ed major this course provides the tools to prepare a portfolio for college level admission. For the advanced art student this course provides an opportunity to continue exploring art media and ideas. Students must be able to work independently, be open to challenges, and push their ideas and skills to the next level.

## **PRINTING AND BOOKMAKING**

**½ CREDIT**

**Prerequisite:** *Studio Art.* This is an introductory course to printmaking which is the process of transferring an image created on various materials, onto paper using ink. Students will learn various printmaking processes including relief printing, monotype, and stamp making. This course incorporates a mixture of drawing, process, and assemblage. As an introduction to bookmaking students will learn to create their own books using various binding methods, and different construction techniques.

## **UNIFIED ART**

**½ CREDIT**

The goal of this course is for each student to experience as many art materials and techniques as possible. Students will explore creating art through the use of various 2D and 3D art materials in a collaborative atmosphere. Projects and use of materials will be adapted and modified to fit individual needs.

## **UNIFIED CERAMICS**

**½ CREDIT**

In this course, students will learn various hand-building techniques in ceramics such as pinching, coiling, slab building, as well as introductory wheel throwing. Students will be working in a collaborative atmosphere where teamwork and collaboration on projects will be emphasized. Projects and use of materials will be adapted and modified to fit individual needs.

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## **MUSIC**

### **Knowledge Development**

AP Music Theory (1 Credit)

### **Skill Development**

Senior Band	(1 Credit)
Senior Chorus	(1 Credit)
Piano I	(½ Credit)
Piano II	(½ Credit)

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### **SENIOR BAND**

**1 CREDIT**

Students enrolled in band will refine their skills and develop a broader musical repertoire. Music appreciation will be fostered through exposure to a variety of musical genres. Public performances are part of the course. Students enrolled in the senior band are required to take instrumental lessons. Students in this ensemble will attend lessons, have opportunities for travel, performances outside the school district, and workshops with other teachers from local high schools and universities. Auditioning for All-County Chorus Festivals and NYSSMA Solo Festivals is strongly encouraged. This ensemble may perform at NYSSMA Majors for assessment and ratings by NYSSMA certified adjudicators.

### **SENIOR CHORUS**

**1 CREDIT**

Senior Chorus is an open (meaning non-auditioned) ensemble for anyone who wishes to study and perform choral music. It is the ensemble to start with if one wishes to build their musicianship, technique, and sight reading skills before auditioning for Chamber Choir. Students in this ensemble will attend lessons, have opportunities for travel, performances outside the school district, and workshops with other teachers from local high schools and universities. Auditioning for All-County Chorus Festivals and NYSSMA Solo Festivals is strongly encouraged. This ensemble may perform at NYSSMA Majors for assessment and ratings by NYSSMA certified adjudicators.

### **AP MUSIC THEORY**

**1 CREDIT**

**Prerequisite:** *Passed Eighth Grade General Music.* Music Theory reviews basic music notation before exploring major and minor scales, modes, intervals, chords, and qualities of intervals/chords. Music Theory will be useful for students enrolled in a performing ensemble, however the ability to read music is not required for enrollment. Students will also develop and demonstrate skills in piano, sight singing, and ear training.

### **PIANO CLASS I**

**½ CREDIT**

Piano Class is designed to teach the basic building blocks of music reading, and navigation on the piano. It will increase musical understanding beyond reading notes by teaching students a vocabulary of chords and keys, accompaniment patterns, and improvisational techniques. Students will play melodies in several positions and

have the opportunity to participate in ensemble playing. Students will develop good practice habits, learn techniques to increase muscular agility and flexibility of their hands.

## **PIANO CLASS II**

**½ CREDIT**

*Prerequisite:* Piano I. Piano Class at the second level is designed for students who can play intermediate pieces with both hands simultaneously. Students will learn to navigate the piano in several different keys, play in different styles, and learn about classical composers through research projects.

## **MODERN BAND**

**½ CREDIT**

In this course students will learn how to play guitar, bass, keyboard, and/or drums as they perform contemporary pop and rock songs as a group. Students will be able to choose much of what they perform and will even write their own songs. This course will culminate in several public performances over the course of the semester.

## **UNIFIED MUSIC**

**½ CREDIT**

The goal of this course is for each student to experience several different styles of music throughout the semester. Students will explore music-making through guitar playing, bucket drumming, Boomwhackers, and singing. Projects and use of materials will be adapted and modified to fit individual needs.

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# **TECHNOLOGY**

## **PRODUCTION SYSTEMS**

**1 CREDIT**

This course is designed to acquaint students with construction and manufacturing. This course will be organized around the universal systems model with input, process, and output being major categories. Manufacturing categories include resources of, process of and products/impacts of manufacturing. Construction categories include resources, process and projects/impacts of construction. Other topics of study may include research on the industrial revolution, design and construction of manufactured products, computer applications in manufacturing and construction, career opportunities in manufacturing and construction, model construction or other related activities. The second half of the course (Residential Structures) will allow students to develop specific skills in the construction process. The areas of study will include: tools and equipment, safety materials and supplies, finance, site selection, foundations, framing, sheathing, roofing, exterior doors and window, siding, electrical, plumbing, heating and cooling, insulation, flooring, trim work, and other aspects of residential construction.

## **THE WORLD OF TECHNOLOGY**

**1 CREDIT**

This course is designed to provide students with opportunities to become engaged in critical thinking as they design and develop solutions to real world problems. Incorporating engineering design and problem solving methods, students will successfully address the commencement level key ideas and performance indicators of

the MST Learning Standards. Through the use of hands-on experiences students will be provided with the opportunities to reach high levels of learning, develop their ability to innovate, and construct their own knowledge and understanding. Furthermore, students will apply concepts of mathematics and science, as well as develop linkages to other standard areas.

## **UNIFIED TECHNOLOGY**

**1 CREDIT**

This course will focus on the basics of technology including the history and the impacts of technology on the world. Students will also gain an understanding of the problem solving process and have opportunities to design and create projects using multiple tools and resources.

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## **DISTANCE LEARNING (Interactive Videoconference or Online)**

### **ART 215 Computer Graphics/Illustrator**

**½ CREDIT**

**Cayuga CC - 3 college credits**

Studio course introduces the basic techniques of digital painting and digital imaging. Students will create original imagery using Adobe Illustrator, input imagery created in another medium, and manipulate photographic imagery. Students will create and manipulate images based on formal design principles and conceptual frameworks.

**Delivered via Interactive Video**

### **ASL 101 American Sign Language 1**

**½ CREDIT**

**Onondaga CC - 3 college credits**

This course is designed for students with little or no previous knowledge of American Sign Language. Students acquire basic grammar and lexical skills that will enable them to communicate in routine social or professional situations within an authentic cultural context. Topics may include, but are not limited to, the following: biographical information, relationships, preferences, leisure activities and making plans for the future.

**Delivered via Interactive Video**

### **ASL 102 American Sign Language 2**

**½ CREDIT**

**Onondaga CC - 3 college credits**

This course is a sequel to American Sign Language I. It builds upon the basic grammatical, linguistic, communicative and cultural concepts learned in ASL 101. Students learn to communicate in the context of an increasing number of daily life topics. Topics may include, but are not limited to the following: daily routines, hobbies, food, clothing and other belongings, health and emergencies, and the workplace. Prerequisite: ASL 101

**Delivered via Interactive Video**

### **BIO 103 General Biology 1**

**½ CREDIT**

**Cayuga CC - 4 college credits**

This is the first course in a two-semester sequence and is intended for math/science or health science majors or students interested in more rigorous scientific study. This course deals with the fundamental concepts and

principles of biology and explores the topics of scientific methodology and the nature of science, cell structure and function, basic biochemistry, molecular biology, biological energy transformation, evolution, and a survey of the classification of the three domains of organisms.

**Delivered via Interactive Video**

## **BIO 104 General Biology 2**

**½ CREDIT**

**Cayuga CC - 4 college credits**

This course serves as a second course in the two-semester biology sequence and is intended for math/science or health science majors or students interested in a more rigorous scientific study. This course provides a survey of Kingdom Animalia focusing on animal diversity, structure, and physiological functions from an evolutionary perspective, and includes the topics of organization, homeostasis, organ systems, growth and development, and introductory concepts of genetics and heredity.

**Delivered via Interactive Video**

## **BIO 209 Basic Nutrition**

**½ CREDIT**

**Cayuga CC - 3 college credits**

Appropriate for science majors and non-majors, also students pursuing a career in healthcare professions. Examines the fundamentals of nutrition, including nutrient composition of foods; physiological factors influencing nutritional needs; behavioral considerations related to food intake; nutrient digestion, assimilation, and storage; energy requirements; life cycle requirements; weight management; diet therapy; fad diets; manufactured food; methods used in dietary assessment and nutrition research.

**Delivered via Interactive Video**

## **BUS 103 Principles of Business**

**½ CREDIT**

**Cayuga CC - 3 college credits**

Overview includes foundations of American business, forms of enterprise, organizing for business, fundamentals of management, the production of goods and services, human relations, union-management relations, marketing, accounting, finance, money and banking, securities and investments, government relations and business law.

**ONLINE ONLY**

## **BUS 232 Introduction to Social Media Marketing**

**½ CREDIT**

**Cayuga CC - 3 college credits**

This course provides an overview of how social media has drastically changed overall marketing strategies and how companies are embracing social media to enhance customer relationships, brand awareness, and market share. Students will explore the types of social media tools such as (Facebook, Twitter, LinkedIn, YouTube, Instagram, Google, etc.) and learn strategies to implement these tools in an overall marketing plan. Students will use case studies and real-world examples to explore current examples and future opportunities of how marketing professionals have capitalized on these social media strategies

**ONLINE ONLY**

## **CJ 111 Introduction to Justice Systems**

**½ CREDIT**

**Cayuga CC - 3 college credits**

Comprehensive survey of justice systems including historical, organizational, social, functional, and administrative aspects. Provides the background and principles to introduce students to succeeding in specialized courses.

**Delivered via Interactive Video**

## **CJ 115 Criminal Law**

**½ CREDIT**

**Cayuga CC - 3 college credits**

Prerequisite: CJ 111. Provides the student with a working knowledge of the NYS Penal Law, its application and enforcement, and its introduction into the court system. Also instructs the student on selected NYS Criminal Procedural Law sections that are applicable in the instruction of the Penal Law.

**Delivered via Interactive Video**

## **COMM 130 Human Communications**

**½ CREDIT**

**Cayuga CC - 3 college credits**

This course introduces students to communication studies. It surveys topics in human perception, language, relationships, face-to-face, and mediated communications. Models for effective communication are explored in various contexts and cultures.

**ONLINE ONLY**

## **COM 210 Public Speaking**

**½ CREDIT**

**Onondaga CC - 3 college credits**

Public Speaking is a course designed to acquaint the student with the basic theories and skills of public discourse. Course content includes the importance of audience analysis and adaptation, how to choose an appropriate topic, organization, speech purpose and delivery, and critical analysis of discourse. Word study, effective language use, effective non-verbal skills and critical listening skills are also stressed.

**Delivered via Interactive Video**

## **COM 220 Interpersonal Communication**

**½ CREDIT**

**Onondaga CC - 3 college credits**

This introductory course is designed to acquaint students with the communication skills needed to succeed both academically and socially. Course content includes communication theory, perception, verbal and non-verbal communication, effective listening, assertiveness, awareness of the self as communicator, interpersonal problem-solving, and relational communication. Emphasis is placed on class discussion as a tool for learning and practicing the skills presented in class.

**Delivered via Interactive Video**

## **ECON 102 Personal Finance**

**½ CREDIT**

**Cayuga CC - 3 college credits**

For students who desire knowledge in managing their personal finances. Topics include budgeting; saving; borrowing; home purchasing; automobile purchasing; life, auto, and home insurance; health, disability and retirement programs; estate planning; and investing. **ONLINE ONLY**

## **HIT 120 Medical Terminology**

**½ CREDIT**

### **Onondaga CC - 3 college credits**

This course will provide a detailed study of the meaning of medical terms that relate to medical science and human anatomy. Medical specialties including pathology, radiology, and pharmacology, as well as abbreviations used in the healthcare field, will be covered. In addition to definitions, pronunciation and spelling will be emphasized.

**Delivered via Interactive Video**

## **HLTH 104 Personal Health**

**½ CREDIT**

### **Cayuga CC - 3 college credits**

An in-depth course in maintaining lifelong good health examines emotional health, drug education, family health, personal fitness, disease, consumer, and environmental health.

**ONLINE ONLY**

## **MUS 111 Rock**

**½ CREDIT**

### **Cayuga CC- 3 college credits**

History and appreciation of rock music for students of all musical experience levels. Topics include rock artists, form, rhythm, harmony, and melody; also discriminating between rock and related styles.

**Delivered via Interactive Video**

## **PSY 101 Introductory Psychology**

**½ CREDIT**

### **Cayuga CC - 3 college credits**

Basic orientation to the psychology of human behavior. Studies the aims and methods of psychological investigation and measurement, and biological and social influences on behavior. It also focuses on learning, motivation, emotion, perception, and personality development.

**Delivered via Interactive Video or Online**

## **PSY 212 Developmental Psychology - Life Span**

**½ CREDIT**

### **Cayuga CC - 3 college credits**

Prerequisite: PSY 101. Introduction to the foundations of human development across the lifespan.

Developmental processes and issues characterizing various stages of aging are studied, with attention to the interrelationships of the various stages and intergenerational issues.

**ONLINE ONLY**

## **SOC 101 Introductory Sociology**

**½ CREDIT**

### **Cayuga CC - 3 college credits**

Introduces sociology as a science concerned with relationships, institutions, organizations, and the physical environment. Outlines the major theories as a basis for sociological perspectives on social issues. Covers the origins of sociology as a science, diverse patterns of social organization from a global perspective, the nature and substance of cultural systems and social institutions, and sociological perspectives in analyzing trends in human society. **Delivered via Interactive Video or Online**

## **TELC 176 Video Game Design**

**½ CREDIT**

### **Cayuga CC - 3 college credits**

Introduces the student to the development and design of video games. Students will design and develop basic video games. Students will learn to prepare a game plan in developing their games and create game environments such as action games, maze games and multiplayer games. Students will learn to use sprites, objects, events and actions and sounds in game development. They will also learn game mechanics, interactivity controls, level design, game variable adjustments, game behaviors, creating computer-based opponents and methods for making games challenging to prospective players. Students will be introduced to software used to create original game resources such as objects, sounds and visual elements. Finally students will be able to post their completed games online to share with others.

**ONLINE ONLY**

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## **DRIVER EDUCATION**

### **DRIVER ED**

**½ CREDIT**

The Driver Education program consists of 24 hours of classroom instruction and 24 hours of in-vehicle instruction with 6 hours behind the wheel, and 18 hours of driving observation. Students must be 16 years of age prior to beginning the course. Successful completion of this course qualifies students for an MV-285 Course Completion Certificate and an MV-278 Pre-Licensing Certificate. During the program, a vehicle is provided with a maximum of 24 students enrolled per semester. Registration will take place in September and February each year. Students **must** attend an informational meeting to sign up and receive the required forms. Enrollment will occur on a rolling wait-list basis. Students on the waiting list will get first priority, then oldest seniors, juniors, etc. Drive times are based on student availability. Students will be assigned to driving groups determined by study hall blocks. **Information provided by the Center for Instruction, Technology and Innovation ([www. CiTiboces.org](http://www.CiTiboces.org))**

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## **NEW VISION PROGRAMS**

Juniors have the opportunity to apply to the Center for Instruction, Technology, and Innovations' New Vision Program. The two programs offered are competitive, rigorous, immersion-based opportunities designed for college-bound seniors in the areas of health and specialized careers. Students are selected for the program based on strong academic achievement, demonstrated commitment to explore their career of interest, and recommendations confirming their maturity and independence. Interested students should contact their school counselor for application information and are encouraged to schedule a visit to their program of choice.



## ***\*CANDIDATE CRITERIA***

- *High school senior scheduled to graduate in June 2024*
- *Have achieved an attendance rate of 90% or better*
- *Possess an 85% or higher overall grade point average*
- *Be willing to adhere to school and worksite codes of conduct*
- *Have a focused interest and plan to pursue a career in the chosen field of study*

**\*\*\*Transportation based on program scheduling\*\*\***

## **NEW VISION ALLIED HEALTH**

**4 CREDITS**

Are you thinking about a career in health care? The students in the Allied Health program will experience the delivery of health care in various settings including dentistry, pediatrics, physical therapy, maternity, nursing, surgery, and several other medical sites. Rotation sites are located within the Oswego Hospital and throughout the cities of Oswego and Fulton. College English and the Government/Economics sequence required for graduation are included within this program of study.

## **NEW VISION SPECIALIZED CAREERS**

**4 CREDITS**

Students will explore career choices not offered at the home school or the CiTi campus. Students are placed in a customized career setting with a carefully selected mentor. Each student in the Specialized Careers program will have an individualized training plan that outlines program objectives, career-specific outcomes, and skills necessary for further education and employment. Career experiences may include, but are not limited to: engineering, education, business or finance, journalism, television production, and veterinary medicine internships. College English and the Government/Economics sequence required for graduation are included within this program of study.