Hornell Senior High School
School Counseling Handbook
and
Course Description Guide



2026-2027

This course catalog supports Hornell City School District's goals of quality instruction in every classroom and a high level of learning for all students through a curriculum that is rich, rigorous and offers choice to all students. Our goal is to help all students to be successful both in high school and in their future. We have numerous college preparation and college level courses available for your son or daughter's participation. We continually look to balance your child's needs with optimal preparation to be college and work ready at graduation.Please review and reference this course guide when discussing your child's schedule and future with them and with our school counselors. Thank you for your continued support as we work to graduate students who are prepared for active citizenship, and career or college success.

Hornell Senior High School
Counseling Staff

Hornell Senior High School Academic Program

Subject	Grade 9	Grade 10	Grade 11	Grade 12
English	English 9	English 10 English 10 Honors	English 11 AP Language & Composition	English 12 AP Literature & Composition
Social Studies	Global History I ACE Global I	Global History II ACE Global II	US History AP US History	Economics/ Government*
Math (if accelerated in 8th grade, students will move one year ahead)	Algebra IA Algebra I	Algebra IB Geometry	Geometry College Algebra Intro to Algebra II Algebra II Business Math	College Algebra Algebra II Pre-Calculus Calculus I Statistics Business Math
Science (if accelerated in 8th grade, students will move one year ahead)	Biology	Earth & Space Science Chemistry	Chemistry Physics Forensics Pop Culture Sci.	AP Physics ACE Biology Forensics Pop Culture Sci.
Foreign Language (if no credit earned in 8th grade, students must repeat level 1 in 9th grade)	Spanish II	Spanish III	ACE Spanish IV	
Other Requirements	Art or Music which includes Band, Chorus, Studio Art	Health CFM		
Electives	**See course catalog**			

* Additional requirements listed on page 6

Counseling Department Staff And Extensions (6th – 12th)

Danielle van Leeuwen, School Counselor	(A-F)	ext. 1674	**Nicole Carey**, School Social Worker		ext. 1582
Ashleigh Striker, School Counselor	(G-O)	ext. 1574	**Tracy Graham**, School Social Worker		ext. 1573
Stephanie Hurley, School Counselor	(P-Z)	ext. 1581	**Ashlen Arias-Baird,** Counseling Secretary		ext. 1571

Course Offerings

ART p. 13

BUSINESS p. 14

ENGLISH p. 15

FAMILY & CONSUMER SCIENCE p. 17

WORLD LANGUAGE p. 17

MATHEMATICS p. 18

MUSIC p. 20

PHYSICAL EDUCATION p. 21

SCIENCE p. 22

SOCIAL STUDIES p. 24

OTHER p. 26

Hornell Senior High School Goals

- ✔ High level of learning for all students
- ✔ Skillful leadership in every building
- ✔ Quality teachers in every classroom

Philosophy of the Counseling Department

Making decisions is a requirement of daily life. The decisions that each individual makes are influenced by a number of factors that include: personal values and interests, family and peer influences, as well as societal expectations. Education also plays a pivotal role in helping students learn more about themselves and the capabilities that are necessary to establish and reach their goals. The philosophy of the Counseling Department at Hornell High School is to assist each student in the development of the skills and knowledge necessary to make wise decisions regarding course selection, career planning and college choices. We also encourage each student to deal effectively with personal issues and concerns. By advocating the development of these abilities we help equip our students with the tools necessary to leave Hornell High School and lead productive lives in our ever-changing world.

Academically, students are expected to make course selections that are consistent with their ability and challenging to their development. Our counselors help students develop a four-year plan of study, plan their yearly academic program through careful individual course selections, discuss college or other post-high school plans, provide information about available scholarships to those who are eligible, and monitor the student's progress in his/her courses. When personal issues or problems beyond the norm impact a student's school life, personal counseling is available. The counselors also recognize the important link between home and school and welcome the opportunity to meet with parents to discuss pertinent information and issues regarding specific academic and personal needs of the students. As students leave Hornell High School, we expect they will use the experiences and skills learned here to make responsible decisions that will launch them into a productive and fulfilling adult life.

NEW YORK STATE GRADUATION REQUIREMENTS

The following section provides a description of minimum graduation requirements as outlined by the New York State Board of Regents. Students must earn a minimum of 22 units of credit, including two credits in physical education, to receive either a Regents or an Advanced Regents Diploma.

Required Subjects	Regents Diploma	Regents Diploma with Advanced Designation
English	4 Credits	4 Credits
Social Studies	4 Credits	4 Credits
Mathematics[1]	3 Credits	3 Credits
Science[1]	3 Credits	3 Credits
Arts	1 Credit	1 Credit
Health	.5 Credits	.5 Credits
Physical Education	2 Credits	2 Credits
Second Language[2]	1 Credit	3 Credits[3]
Electives/Sequence	3.5 Credits	1.5 Credits
Total number of Credits	**22 Credits**	**22 Credits**

1 Including technology education

2 At Hornell High School students begin the study of Second Language in 8th grade. By passing their 8th grade course **and** the State Proficiency exam at the end of the 8th grade year, the student earns one (1) high school credit. Upon earning this credit a student must complete a minimum of one more year in Second Language. If a student fails the proficiency exam, and/or the course, they then retake the class as their second year of Second Language study.

3 Those students seeking an Advanced Regents Diploma must earn 3 credits in Second Language and pass the Regents exam at the end of the third year. Students may be exempt from this 3-credit requirement in Second Language by acquiring 5 units of credit in Art, Music, Business, Technology or Career and Technical Education.

Required Subjects	Required Exams – Regents Diploma	Required Exams – Regents with Advanced Designation
English Social Studies Mathematics Science	English 11 Global History US History Algebra 1 Science Exam* **Total Number of Exams: 5**	English 11 Global History US History Algebra Geometry Algebra II 2 Science Exams* **Total Number of Exams: 8**

*Science exams include Biology, Earth Science & Space Science, Chemistry, and Physics

Other graduation options:

- Local Diploma
- Career Development and Occupational Studies Commencement Credential (CDOS). Please visit http://www.nysed.gov

GOVERNMENT REQUIREMENTS

As a graduation requirement, students must enroll in Government/Economics and meet the following requirements:

1. Attend three (3) meetings; Board of Education or Common Council meetings
2. Complete 10 hours of community service each marking period, totaling 20 hours

Please note, a contract will be developed when the above requirements are not being met.

Definition of terms:

One-half of a school year is called a *semester*.
A *unit of credit* is granted for the successful completion of a subject scheduled one period per day for the school year.
One-half unit of credit is granted for the successful completion of a subject studied one period per day for one semester, or one period every other day for the school year.
Required subjects are those subjects which all students must take to meet New York State graduation requirements.
Electives are those subjects which are not courses required for students to fulfill graduation requirements.
Pre-requisites are the requirements that must be met before a student may be scheduled for a given subject.

ALTERNATE GRADES

Incomplete (I)

A mark of incomplete may be assigned if a student has missed a large amount of class time and required work. The student is given a timetable which is to be followed to make up all missed work without penalty. All work will be made up before the next five-week interim report is issued. When the work is made up, a grade will be assigned and the incomplete will be removed. The student will receive the earned grade if work is not completed during this time period.

No Grade (NG)

A student may receive No Grade (NG) as a mark for final averages as stipulated by district policy. Students who enter a class toward the end of a marking period or do not complete sufficient work will receive an incomplete (I) and be responsible for the work as outlined in the Incomplete section above. If an NG is earned as a final grade, no credit is granted for the year and the entire course must be repeated. The building principal will determine if sufficient work was completed in the course to merit repeating the course in summer school.

Assigning a Grade Below 50

When a student has a grade below 50 for a marking period, the teacher must submit to the principal the *Intent to Record Grade Below 50 or NG* form. A copy of this form will be given to the Guidance Office, the student's parent(s)/guardian(s), student, and teacher. The student will receive a grade of Incomplete for a specified period of time. If the work is not completed, the student will receive the grade earned, which may be below 50. Students will get a minimum grade of 50 if no paperwork is submitted, unless it is the final marking period of the course.

CREDITS AND PROMOTIONAL REQUIREMENTS

Grade Level	Required Credits*
Freshman	Completion of 8th grade
Sophomore	5.5 Credits
Junior	11.0 Credits
Senior	Eligible to graduate in June of that school year

* Please note the required credits in each category are minimums.
Any exceptions to the grade level requirements listed above must be approved by the principal.

CLASS RANKING

Final ranking is completed at the end of the first semester of the twelfth grade year. Courses used for ranking are: English, Social Studies, Mathematics, Science and Second Language. Weighting given to courses within these subject areas are provided below:

Course Level	Weighting
AP, ACE, & College Level Courses in Core Subject Areas	1.10 x final grade in the course
4th year level courses and English 10 Honors*	1.07 x final grade in the course
Regents courses ending in Regents exam	1.05 x final grade in the course
Regents courses without exams**	1.03 x final grade in the course
Non-Regents courses ***	1.00 x final grade in the course

* Examples of courses offered in this area are: Physics
** Examples of courses offered in this area are: Eng. 9, Global Studies I, Algebra IA, Span. I
*** Examples of courses offered in this area are: Business Math, Forensics

GRADE POINT AVERAGE

All subjects are used to determine cumulative grade point average on an unweighted basis. This is the figure used on a student's transcript and in a student's college applications. Students are encouraged to take elective subjects of interest in non-ranking subjects.

GRADUATION DISTINCTIONS

Valedictorian and Salutatorian

A student must be enrolled as a full-time student at Hornell High School in order to be considered valedictorian or salutatorian of his/her graduating class with four consecutive semesters prior to the determination of a class's rank order. The Valedictorian is the student with the highest weighted rank average whereas the Salutatorian is the student with the second highest weighted rank average. In the event two or more students share a weighted rank average within .3%, co-recipients with be named. Students wishing to graduate early must declare their intention to do so, in writing, no later than the end of the first semester of their sophomore year. Students declaring their intentions at this time are eligible to be considered as valedictorian or salutatorian and placed in the class's rank order in the year they graduate.

Honor Graduate

Hornell High School Honor Graduate status is awarded to those students that not only challenge themselves by taking the most rigorous courses offered, but also excel at the mastery level. New requirements for this distinction have been approved for the 2014-2015 school year and each year thereafter. Below are the new requirements:

Honor Graduate Requirements:

- Student has a weighted rank average of 90%
- Student has mastered three Regents exams, Comprehensive Spanish exam included (85% or higher)
- Student has taken two 3rd-year level courses (ex: Algebra II, Chemistry)
- Student is on track to earn 25 credits by graduation (22 if graduating early)
- Eligible Students: All cohorts from 2011 forward (graduating class of 2015 and on)

HONOR ROLL

Each marking period student averages are calculated to determine eligibility for Honor Roll and High Honor Roll status. Students with an 85 or higher average earn Honor Roll designation. Students with a 90 or higher average earn High Honor Roll designation. Students with incompletes, no grades, or failed grades cannot be considered for Honor Roll. Students taking AP or college-level courses and earning an 85 or higher average earn Advanced High Honor Roll status.

ACADEMIC AND PRESIDENTIAL AWARDS

For the first 3 marking periods, student averages are calculated to determine eligibility for academic awards. Students with an average of 90 or higher **each** marking period are eligible to earn an academic award. Presidential Awards are given to 8th and 12th grade students. The silver award is given to students who accumulate an average of 85 or higher and the gold award is given to students who accumulate an average of 90 or higher. For 8th grade students, the average of all 7th grade marking periods and their first 3 marking periods of 8th grade are considered. For 12th grade students, the average of all 7th – 11th grade marking periods and the first 3 marking periods of 12th grade are considered. The academic award ceremony is typically held in May.

FINAL EXAMINATIONS

Students must sit for ALL final exams required of their classes, unless prior arrangements have been made (i.e. the Regents exam was taken in January for a course ending in June). All Regents level courses culminate in a statewide Regents exam. In addition, classes which precede a Regents class will culminate in a local examination.

Final Exam Exemption Policy

Hornell High School students who have maintained an outstanding average may be exempt from taking a local final exam at the end of the academic school year. The following criteria are used to determine whether a student shall be exempt:

- A student must maintain a cumulative average of 90+ for all four (4) marking periods.
- Students with an incomplete or with work which has not been turned in at the end of the fourth marking period will not be exempt.
- Teachers will notify students of their exemption status on or about the first Friday in June at the end of the fourth marking period.
- Students **CAN NOT** be exempt from classes that culminate in a Regents Exam.

INDEPENDENT STUDY

Students who need acceleration, or who cannot schedule a course into their schedule, may be assigned Independent Study. An Independent Study program requires a plan of study, which is developed by a teacher for the student. The teacher and principal must approve permission for this course of study.

CREDIT BY EXAMINATION

New York State Regents provision [100.5(9)(1)] allows students to earn credit for either a Regents or local diploma without completing units of study for such credit. This states that students may earn credit for knowledge or study learned elsewhere. Such credit can be granted based on specific requirements set by the State Education Department and the local school board.

There are four distinct steps that must be successfully completed before credit can be granted in accordance with this provision: (1) A student must apply for credit by examination through the Guidance Office; (2) A student must demonstrate through past academic performance that he/she will benefit academically by exercising the alternative; (3) A student must achieve a score of at least 85% on a state developed or approved examination; and (4) A student must pass an oral examination or successfully complete a special project to demonstrate proficiency in the subject matter area.

Students with questions or interest in pursuing this process, must meet with their guidance counselor. The application needs to meet specific deadlines stated in the Guidelines for Credit by Examination. The opportunity to earn credit for previous knowledge and work should not be entered into lightly.

GRADING POLICIES

All students in Regents level classes will take the Regents exam at the end of the year. Students taking Regents level science courses that require the completion of labs must successfully meet the course lab requirements in order to sit for the final examination. Students who fail to meet lab requirements by mid-year may be deemed as not meeting the class requirements and removed from the class according to Board Policy. Students may retake the Regents science course the following year.

Students who fail a course may earn the credit for that course by retaking the course at the next opportunity or attending summer school to improve the student's overall grade. Students are eligible to attend summer school if the following criteria are met: (1) Earn a minimum final grade of 54 for the course; (2) The student earned a grade in each marking period and final assessment.

Summer School
The summer school grade will be averaged with the school year course using the formula below.

School Course Average (1/3) + Summer School average (2/3)

The building administration may alter or amend these guidelines in the event of extenuating circumstances. Each situation will be handled on a case-by-case basis. Additionally, students will not be considered for driver's education in summer school if they are eligible to take any academic course for credit recovery, even if this might fit into a student's summer school schedule. This is due to the limited number of driver education spots.

DROPPING AND/OR ADDING A COURSE

The preferred time for a student to alter his or her schedule is during drop-add period in August. Students dropping a course will add a course to remain consistent with the expectation that all students shall carry a full schedule, 6.5 credits or equivalent. The course change must be consistent with the student's overall academic plan. If changes need to occur after the first week of school, changes may occur according to the following timeframes:

Until the drop/add deadline established annually: Students must meet with their counselor to drop or add a course. If a student wishes to drop/add a course after the deadline, students are required to complete a drop/add form. If the student's parent, counselor, teacher, or principal disagrees with the request, a parent conference is scheduled. Student must meet with their counselor to receive a drop/add form.

For college credit courses:
Courses taken for college credit through Corning Community College, Alfred State College, and Alfred University are subject to the college policy for dropping classes. **A student dropping a course after the deadline established by the respective college may still responsible for the cost of the class**. Additionally, students who choose to drop the college credits through any of the above mentioned post-secondary institutions must continue in the high school course, per the above drop/add procedures.

COLLEGE AND CAREER COUNSELING SERVICES

The Hornell High School Guidance Office offers numerous services to help students make responsible decisions regarding college and career choices. While the services offered most directly affect Juniors and Seniors, the services are open to all HHS students. In addition to the following list of services, counselors are available to assist all interested students and parents with the college selection and the application process. Parents may make an appointment with their student's counselor to discuss any other pertinent issues that may arise during this important process.

FINANCIAL AID

Students must file financial aid applications electronically by going to www.fafsa.ed.gov. This service is available beginning October 1. Once the financial aid information is submitted, specific questions about financial aid issues should be directed to the Financial Aid Office of the student's college choice.

SCHOLARSHIPS

Applications for many scholarships become available in the Guidance Office in the months prior to graduation. Students should become aware of the application deadlines that pertain to their scholarships of interest. Students are encouraged to check in the Guidance Office frequently for available scholarships throughout their senior year. Go to hornellcityschools.com/guidance for an updated annual list. Scholarships will also be available on the Senior Google Classroom page.

TESTING SERVICES

While there are many standardized tests offered to students at HHS, two of the most important for college-bound students are the Preliminary Scholastic Aptitude Test (PSAT) and the Scholastic Aptitude Test (SAT). The PSAT is offered to college-bound juniors and sophomores. The Hornell High School offers the SAT School Day exam in October and March. If students wish to test at a regional site, students should register on-line at www.collegeboard.com. Fee waivers are available to eligible students.

MILITARY RECRUITERS

Each branch of the Armed Services sends representatives to Hornell Senior High School to speak with students interested in prospective military opportunities and careers throughout the school year.

NATIONAL HONOR SOCIETY

The National Honor Society promotes recognition for students who reflect outstanding accomplishments in the areas of academics, character, leadership and service. Membership is both an honor and responsibility. Students selected for membership are expected to continue to demonstrate the four qualities that won them selection through graduation. Membership is an honor bestowed upon the students selected by a faculty council. High School membership is open to qualified juniors and seniors who have a weighted grade point average of 90.0% or higher.

The National Junior High Honor Society membership is open to qualified 8th and 9th grade students who have a cumulative grade point average of 89.5% or higher. If the scholarship requirement is met, students can then be considered for selection on the basis of leadership, service, and character. Students must complete the student information packet which is reviewed and evaluated by the faculty council. Candidates receiving a majority vote of the council are inducted into the Hornell chapter during an evening ceremony.

NAVIANCE

This college and career readiness program allows students to take interest inventories, research colleges and careers, and much more. Students will utilize this program through their educational course work and post-secondary planning.

BOCES WILDWOOD EDUCATIONAL CENTER VISITATION

Students interested in vocational education may visit the BOCES Wildwood Campus to explore program offerings. Visitations are offered in the fall of sophomore year and/or individually on an as-needed basis. The Guidance Office schedules all visitations.

RECORDS AND TRANSCRIPTS

The school's Guidance Office is the center for all academic records. Students or alumni wishing to have records forwarded to colleges or employers must do so through this office. Requests can be made through the Guidance Office by mail, phone, in person, or online at https://www.hornellcityschools.com/Page/1120. Please provide suitable processing time for this request.

NCAA CLEARNING HOUSE

Student athletes going to a Division I or II College or University must meet academic standards established by the NCAA. All student athletes interested in pursuing this must register with the NCAA Clearinghouse at www.eligibilitycenter.org. The Clearinghouse assesses each student's transcripts, to determine whether the student meets minimum academic standards for athletic participation at NCAA Division I or II levels of competition.

COLLEGE RESOURCES

College resources are available in the Guidance Office to help students find information on college- related topics including: planning for college; finding a college; applying to college; and paying for college. Students are encouraged to complete all college applications online using www.commonapp.org or www.suny.edu/applysuny

COLLEGE NIGHT

Each September, Hornell High School hosts "College Night" for students of Hornell Senior High School and neighboring schools. Representatives of colleges, military branches and local banks are available to present information and answer questions for students and parents. In addition, a financial aid representative will present information as it relates to FAFSA. This is a service that is free to all.

COLLEGE VISITATIONS

Many colleges and universities send representatives to our school to speak with prospective students about their institutions. Visitations will be announced and are also posted in the Guidance Office.

ADVANCED PLACEMENT (AP) COURSES

Students have the opportunity to earn college credit for their work by taking Advanced Placement courses. At the end of an AP Course, an exam is administered in May**. Students are expected to sit for all AP exams.** This exam is prepared and scored by the College Board. Every exam receives a grade based on a 5-point scale: 5 (extremely well qualified) to 1 (no recommendation). Scores of 3 or higher are considered scores that may earn a student credit, although this varies among colleges and universities. The college the student chooses to attend makes the decision whether or not to award credit based on the exam score.

Any student participating in an AP course should recognize that the teacher's expectations concerning homework and class work exceed those for the regular course offerings because of the potential to earn college credit. Students will be selected for participation in Advanced Placement courses based on their interest, demonstrated academic ability and teacher recommendation. The following AP courses are available based upon enrollment requests:

AP Language and Composition
AP Literature and Composition
AP Physics
AP US History

ACCELERATED COLLEGE EDUCATION (ACE) COURSES

Students who are enrolled in the following courses may also receive credit from Corning Community College. **For the 2026-2027 school year, the fee will be waived.** To enroll in the college course, students must complete necessary registration paperwork. Below are the ACE course offerings through Corning Community College including course numbers and (credit hours).

HIST 1110: American History I (3)
HIST 1120: American History II (3)
ACCT 1000: Accounting Practices (4)
ARTS 1000: Essentials of Art (3)
BUSN 1033: Applied Business Math (3)
BUSN 2020: Personal Finance (3)
BUSN 1055: Professionalism (3)
ENGL 1010: College Composition I (3)
ENGL 1020: College Composition II (3)
FYEX 1000: First Year Experience (3)
BIOL 1510: General Biology I (4)
BIOL 1520 General Biology II (4)
CHEM 1510: General Chemistry I (4)
CHEM 1520: General Chemistry II (4)
SPAN 2010: Intermediate Spanish (4)
SPAN 2020: Composition & Conversation (4)
BUSN 1030: Business Communications (3)
BUSN 1100: Applications & Solutions (3)
HIST 1030: Global History I (3)
HIST 1040: Global History II (3)

COLLABORATIVE HIGH SCHOOL PROGRAM COURSES

Students who are enrolled in the following courses may also receive credit from Alfred State College and Alfred University. **For the 2026-2027 school year, the fee will be waived.** Students will not be enrolled for college credit until course fee is paid and the necessary registration paperwork is completed. Students have the option to take these courses without earning college credit. Any student who withdraws from these courses after the *college deadline* will still be responsible for any costs. Below are the course offerings through Alfred State College and Alfred University including course numbers and (credit hours).

MATH 1033: College Algebra (3)
MATH 1054: PreCaclulus (4)
MATH 2124: Stats Analysis and Methods (4)
MATH 151: Calculus I (4)*

Hornell High School Courses

Hornell High School offers the following courses to provide a rich, rigorous, and engaging curriculum for all of our students. However, not all of these courses will be offered each school year. Courses run each year based on available resources, staffing, and student interest in the course. Courses with low enrollment may be cancelled.

ART DEPARTMENT

Course Title: Studio Art

Prerequisite: None
Examination: Departmental **Credit:** 1 credit

Description: Studio Art is a full-year foundation course intended for the student majoring in art and also for those desiring a broad general background in the visual art experiences. Studio Art focuses on understanding, knowledge, appreciation and application of the fundamental visual art principles and elements. Some art history is included. A host of art studies are realized through video and lectures.

Course Title: Drawing and Painting

Prerequisite: Successful completion of Studio Art
Examination: Departmental **Credit:** 1 credit

Description: Students use traditional art materials such as oils, tempera, pastels, markers, etc. Drawing skills and various techniques are emphasized. Drawing subjects can range from studying perspective, drawing the human figure and face, imagination to abstract interpretations. Students may paint on canvas, canvas board or stretch canvas, using mostly acrylic paints. Some watercolors may be included. Painting may be large or small, with various approaches to subjects used. Traditional works of still life, figure study, animal studies, landscape, seascape, and floral studies are discussed, analyzed and pursued.

Course Title: Digital Media Design

Prerequisite: Successful completion of Studio Art
Examination: Departmental **Credit:** 1 credit

Description: The class is an introduction to the art of photography and dark room techniques. Students will also learn to create digital images, animations, videos and sound for use on the web and in multimedia presentations. Students will use a variety of software programs, computers, and peripheral equipment to create, communicate, and present their ideas to a variety of audiences.

Course Title: Ceramics

Prerequisite: Successful Completion of Studio Art
Examination: Departmental **Credit:** 1 credit

Description: The Ceramics course is designed for the student interested in working with clay. It includes the use of the pottery wheel, properties of glazes, experimentation with various methods of hand building, historical and contemporary use of clay.

BUSINESS DEPARTMENT

Course Title: ACE Accounting

Prerequisite: Accounting I
Examination: Departmental **Credit:** 1 credit

4 college course credits through Corning Community College

Description: Topics include fundamental principles of accounting, the accounting cycle and basic procedures, statement of financial position, determination and reporting of periodic earnings, cash and accrual basis of accounting; accounting for a merchandising firm and inventory valuation, principles of internal control; and accounting for the acquisition, depreciation, and disposal of property plant, and equipment.

Course Title: Business Math

Prerequisite: None
Examination: Departmental **Credit:** 1 credit

Description: This course is designed for students to develop the specific skills required to solve a wide variety of mathematical problems commonly found in everyday personal and business situations. Successful completion of this course will provide one unit of credit, which may be used as one of the three units of mathematics required for a NYS diploma.

Course Title: ACE Applied Business Math/Personal Finance

Prerequisite: Must have junior or senior status
Examination: Departmental **Credit:** 1 credit

6 credit hours through Corning Community College

Description: Topics covered include **t**he four arithmetic processes, the algebra of business, the application of mathematics to typical business problems. Also covered are: taxes, insurance, payroll, depreciation, trade and cash discounts, markup, simple interest and bank discounts, and financial statement analysis.

Course Title: ACE First-Year Experience/Professionalism

Prerequisite: Must have junior or senior status
Examination: Departmental **Credit:** 1 credit

6 college credits through Corning Community College

FYEX Description: 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 resources of colleges, essential academic success skills to better understand the learning process, and college and career exploration will be covered.

Professionalism Description: Students will gain an understanding of individual and work place needs as they relate to professionalism, team building, and career growth. Topic areas include human relations, business ethics, business etiquette, team building concepts, and career enrichment.

Course Title: Career & Financial Management (CFM)

Prerequisite: None
Examination: Departmental **Credit:** ½ credit

Description: Career and Financial Management is a course in which students learn about the features of our economy, explore a variety of careers, learn the skills and competencies needed for success in the workplace and begin to become financially literate. Topics covered in this course include: basic economics; career planning, selection, and success; entrepreneurship; work laws; budgets; checking and savings accounts; taxes; credit; and insurance and consumer rights.

Course Title: Entrepreneurship/Marketing

Prerequisite: None
Examination: Departmental **Credit:** 1 credit

Description: This course introduces students to the fundamentals of entrepreneurship and marketing, exploring what it takes to transform a business idea into a successful product of service in the marketplace. Students will learn about business planning, market research, branding, advertising, and promotional strategies while developing an understanding of the role marketing plays in today's economy and society. Throughout the course, students will examine how businesses use consumer research, emerging trends, and innovative marketing techniques to promote products, develop new offerings, and increase revenue. Learning will be reinforced through simulations, role-playing activities, collaborative projects, and real-world business applications. As the course progresses, students will apply their knowledge in an authentic business environment by using technology to manage and operate a real business, gaining valuable hands-on experience in entrepreneurial decision-making and marketing strategy.

ENGLISH DEPARTMENT

Course Title: English 9

Prerequisite: Successful completion of English 8
Examination: Departmental **Credit:** 1 credit

Description: In English 9, students experience and review different types, or genres, of literature including drama, short stories, poetry, and non-fiction. Several novels such as *Lord of the Flies*, *The Pearl*, and *I Know Why the Caged Bird Sings* are often assigned. The Shakespearean play *Romeo and Juliet* is a traditional favorite at this level. Reading, vocabulary, grammar, and writing skills are practiced along with the literature units. Other topics and activities include: mythology, the newspaper, individual silent reading, and a mini-unit in research.

Course Title: English 10

Prerequisite: Successful completion of English 9
Examination: Departmental **Credit:** 1 credit

Description: English 10 is a genre-based survey of literature stressing all four areas of the language arts: reading, writing, speaking, and listening. The course of study includes the short story, the novel, drama, poetry, and a wide range of non-fiction with emphasis placed on the study of literary terms in order to analyze, interpret, and understand a literary work. Writing is stressed through the composition of analytical and critical essays, personal reactions and responses, creative writing, and journal responses. Speaking takes the form of class discussions, presentations, formal and informal debates.

Course Title: English 10 Honors

Prerequisite: Successful completion of English 9
Examination: Common Core ELA Exam (NYS) **Credit:** 1 credit

Description: English 10 Honors is an accelerated literary survey that focuses the major elements of world literature and supplements major concepts from Global Studies. All four areas of the language arts are stressed: Reading, Writing, Speaking, and Listening. The course will analyze how authors create meaning in a work of literature and how readers can

create both personal and analytical responses. Employing all the stages of the writing process, students compose well-developed analytical responses to all forms of literature, conduct sustained research projects to support source-based arguments, and creatively compose personal narratives. In addition, as an accelerated course, English 10 Honors covers the major literary works from AP Language and Composition. This will allow AP-11 students to focus on the language, rhetorical analysis, and writing skills critical for success in the college credit bearing AP Language and Composition course and the AP Exam.

Course Title: English 11

Prerequisite: Successful completion of English 10
Examination: Common Core ELA Exam (NYS) **Credit:** 1 credit

Description: English 11 is a course designed to study American literature. During the course of this year, students examine a wide variety of literature (including novels, poems, short stories, plays, essays, speeches, song lyrics and films) from a diverse range of authors. Some of these works are read independently, while others are read as a group. Possible longer works to be studied include The Color Purple, One Flew Over the Cuckoo's Nest and Death of a Salesman. Class work includes discussion, writing, independent work and cooperative group projects.

Course Title: AP English Language & Composition

Prerequisite: Successful completion of English 10. English 10 Honors recommended but not required. Students must also successfully complete summer work assigned by the instructor.
Examination: AP Exam **(fee)** and Common Core ELA Exam **Credit:** 1 credit

3 college course credits through Corning Community College

Description: This course is a dual enrollment course; it serves as the student's English 11 requirement while giving students the opportunity to earn college credit either through Corning Community College or earning a high score on the AP Exam.

Emphasis is on the analysis of non-fiction and the rhetorical techniques used by authors to persuade an audience. Composition is a mix of creative and formal writing, stressing the use of MLA to properly cite sources. The course satisfies the English 11 requirement, intertwining the American literature with the rhetorical modes studied throughout the year. Students spend time preparing for the Common Core ELA exam, given in January, and the AP Language and Composition Exam, administered in early May.

Course Title: English 12

Prerequisite: Successful completion of English 11
Examination: Departmental **Credit:** 1 credit

Description: Senior English is a full-year course that is required for graduation.

Course Title: AP English Literature and Composition

Prerequisite: Successful completion of English 11. AP English Language & Composition is recommended but not required. Students must also successfully complete summer work assigned by the instructor.
Examination: AP Exam **(fee)** **Credit:** 1 credit

3 college course credits through Corning Community College

Description: This course is a dual enrollment course; it serves as the student's English 12 requirement while giving students the opportunity to earn college credit either through Corning Community College or earning a high score on the AP Exam.

The course explores a detailed study of each of the four major literary genres: short fiction, novels, poetry and drama. A great deal of reading is expected outside of class time; class is spent in discussion, writing, independent work, and

cooperative group projects and presentations. At the conclusion of each genre unit, there is a major project that requires students to demonstrate the knowledge they obtained on that particular genre. Students will also spend time preparing for the Advanced Placement Exam, which is administered in early May.

FAMILY & CONSUMER SCIENCE DEPARTMENT

Course Title: Exploring Foods

Prerequisite: None
Examination: Departmental **Credit:** 1credit

Description: This course is designed to introduce the student to the basic principles of food preparation, including:

The understanding and application of kitchen safety & sanitation practices, nutrition & planning healthy menus, the chemistry of food, ingredients & the cooking process, food costs & budgeting, basic culinary terminology & cultural dishes, along with the proper use of kitchen tools and equipment. Food Labs and demonstrations play a significant role in this course.

WORLD LANGUAGE DEPARTMENT

Course Title: Spanish I

Prerequisite: None
Examination: New York State Proficiency Exam in Spanish **Credit:** 1 credit

Description: Students are introduced to the skills of listening, speaking, reading and writing in Spanish. Focus is on vocabulary, as well as grammar structures and verbs.

Course Title: Spanish II

Prerequisite: Successful Completion of Spanish I
Examination: Departmental **Credit:** 1 credit

Description: This course is a broadening of the skills and concepts learned in Level 1. Vocabulary is increased and broadened. More advanced grammar structures and verb tenses are introduced. Students are challenged by longer reading and writing tasks and more complex conversational situations.
Listening skills are improved through conversation. Students continue their cultural awareness studies.

Course Title: Spanish III

Prerequisite: Successful Completion of Spanish II
Examination: NYS Comprehensive Regents Examination in Spanish **Credit:** 1 credit

Description: The further broadening of the skill of communication is involved at this level, and vocabulary is increased. More advanced grammatical structures and verb tenses are studied. There is more original writing and conversation. Culture is studied via selected reading, authentic materials, and current events. Most of the class is conducted in Spanish to develop listening and speaking skills.

Course Title: ACE Spanish IV

Prerequisite: Successful Completion of Regents Spanish III
Examination: Departmental **Credit:** 1 credit

8 college course credits through Corning Community College

Description: Development of greater facility in reading, writing, speaking and understanding the language through a systematic review of its structure and readings which reflect cultural patterns of Spanish-speaking societies.

Readings include short literary pieces and current newspaper or magazine articles. Research projects, composition exercises, and oral reports.

MATHEMATICS DEPARTMENT

Course Title: Algebra I

Prerequisite: Successful completion of Math 8
Examination: Common Core Algebra Exam **Credit**: 1 credit

Description: This is the first math course earning high school credit. Traditional elementary algebra topics such as solving equations, inequalities, functions, operations of real signed numbers, word problems, graphing, factoring, number properties, systems of equations, ratio and proportion are included. Newer topics such as statistics, problem solving, and geometry (not including formal proofs) are also introduced.

Course Title: Algebra IA

Prerequisite: Successful completion of Math 8
Examination: Departmental **Credit**: 1 credit

Description: This course is the first year of a two-year sequence to complete the Algebra I curriculum. The pace allows more support time to assist students with practice. Traditional elementary algebra topics such as solving equations, inequalities, functions, operations of real signed numbers, word problems, graphing, factoring, number properties, systems of equations, ratio and proportion are included. This course is followed by Algebra IB.

Course Title: Algebra IB

Prerequisite: Successful completion of Algebra IA
Examination: Common Core Algebra Exam **Credit:** 1 credit

Description: This course is a continuation of Algebra IA. Topics covered in Algebra IA will be reviewed and expanded, and new topics will be introduced to fulfill the Algebra I curriculum. An emphasis is placed on comprehension and interpretation of word problems as they arise throughout the curriculum. Topics include algebraic manipulation, geometry, statistics, graphing, systems of equations and inequalities.

Course Title: Geometry

Prerequisite: Successful completion of Algebra I or Algebra IA and IB
Examination: Common Core Geometry Exam **Credit**: 1 credit

Description: Integration of geometry, logic, and algebra focusing on problem solving, extensive use of proof methodology, congruent and similar triangle, polygons, quadrilaterals, transformational geometry, special concepts, coordinate geometry, solids, circle geometry, right triangle trigonometry, and construction in geometry.

Course Title: College Algebra

Prerequisite: Successful completion of Algebra and Geometry
Examination: Departmental **Credit**: 1 credit

3 college course credits through SUNY Alfred State College

College Algebra Description: This course includes topics such as polynomials, radicals, exponents, coordinate geometry, rational expressions and equations, and solutions to linear and quadratic equations. Students are introduced to the concept of functions and their graphs. Additional topics may include conic sections, matrices, variation, and nonlinear inequalities. Emphasis will be placed on problem solving.

Course Title: Algebra II

Prerequisite: Successful completion of Algebra and Geometry
Examination: New York State Regents Examination in Algebra II **Credit**: 1 credit

Description: Algebra II students will review topics such as solving 1st and 2nd degree equations, operations with polynomials, algebraic fractions and radicals, and factoring polynomials. New topics include solving higher degree equations, rationalizing denominators, solving rational equations, even and odd functions, and working with relations and functions of several types via their graphs and/or algebraic representations including radical, fractional, quadratic with and without complex roots, absolute value, sinusoidal, exponential and logarithmic; arithmetic of complex numbers; nature, sum and product of the roots of a quadratic equation; solving a quadratic system of equations graphically and algebraically; standard deviation and the normal curve; binomial expansion; linear, exponential, power and logarithmic regression sequences and series.

Course Title: Pre-Calculus

Prerequisite: Successful Completion of Algebra II and passing score on NYS Algebra II Regents exam
Examination: Departmental **Credit**: 1 credit

4 college course credits through SUNY Alfred State College

Description: This semester course is designed primarily for the student who intends to take calculus in high school or college. The concept of function and graphical representation of functions is stressed. Topics covered include: real numbers, algebra of real numbers including equations and inequalities; functions and their graphs including polynomials, rational expressions, logarithmic and exponential, trigonometric, algebra of the trigonometric functions including identities, equations, polar coordinates, complex numbers, systems of equations.

Course Title: Calculus I

Prerequisite: Successful completion of Pre-Calculus
Examination: Alfred University Calculus I Exam **Credit**: 1 credit

4 college course credits through Alfred University

Description: Students review functions and concepts from pre-calculus. Limits will be studied as well as derivatives and their applications. Anti-derivatives and their applications will be studied. This course is offered in conjunction with Alfred University, allowing students the opportunity to earn college credit.

Course Title: Statistics I

Prerequisite: Successful completion of Algebra II and passing score on NYS Algebra II Regents exam
Examination: Departmental **Credit**: 1 credit

4 college course credits through SUNY Alfred State College

Description: This is a one-semester (non-calculus based) course which covers descriptive as well as inferential statistics. Included are topics on collecting, organizing, and summarizing data. Other topics include correlation and regression, probability, normal and binomial probability distributions, normal approximation to the binomial, central limit theorem, confidence intervals, hypothesis testing, and nonparametric statistics.

Course Title: Coding

Prerequisite: Successful completion of Geometry is recommended.
Examination: Departmental **Credit**: 1 credit

Description: This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of coding (Python) along with other central elements of computer science. It gives a foundation in the tools used in computer science and

prepares students for further study in computer science. Upon successful completion of this course, students will have the basic technical vocabulary of computer science, understand basic principles of thinking and solving problems with computers and computation, recognize and use fundamental elements of computer programs, such as commands, variables, conditionals and loops, understand the representation of data in computer memory, design, plan, implement and test programming projects.

MUSIC DEPARTMENT

Course Title: Senior High Choir

Prerequisite: None
Examination: Departmental **Credit:** 1 credit
Audition: None

Description: Senior High Choir (SATB) is an open-campus 9-12 grade ensemble that requires no prior experience and no audition to participate. Comprised of mixed-voices (male and female) this choir performs literature ranging from major choral classics to contemporary works in a variety of styles and genres. Students will convey musical interpretation with the use of dynamics and phrasing, while incorporating facial expression and movement for refined presentation. Students will understand how a musical composition is structured through listening and analysis.

Course Title: Treble Choir

Prerequisite: None
Examination: Departmental **Credit:** 1 credit
Audition: None

Description: Treble Choir (SSA) is an open-campus 9-12 grade ensemble that requires no prior experience and no audition to participate. Traditionally comprised of all female voices this choir performs literature ranging from major choral classics to contemporary works in a variety of styles and genres. Students will convey musical interpretation with the use of dynamics and phrasing, while incorporating facial expression and movement for refined presentation. Students will understand how a musical composition is structured through listening and analysis.

Course Title: Jazz Choir

Prerequisite: Successful completion of an audition
Examination: Departmental **Credit:** 1 credit
Audition: Yes

Description: Jazz Choir (SATB) is an 8-12 grade ensemble that requires the completion of a successful audition that is held in June of the previous school year. Comprised of mixed-voices (male and female) this choir performs a wide variety of contemporary choral repertoire including jazz, pop, R&B, and world music that requires a high degree of vocal independence, technique, and literacy. Due to an effort to provide a well-rounded musical presence throughout the region, additional rehearsals and sectionals will be required and scheduled as necessary. Students are expected to place a high level of outside work into their repertoire.

Course Title: Vocabulary of Music

Prerequisite: Enrollment in a music ensemble (band or choir)
Examination: Departmental **Credit:** 1 credit
Audition: None

This course will focus on four major vocabularies of music each marking period: Theory, History, Film Music, and the Cognitive Neuroscience of Music. Our journey will highlight the fundamental components of musical practice and performance while allowing students to explore their own artistic abilities through guided independent study in a

multitude of music axioms. Students will also demonstrate competent writing skills while using proper musical terminology. Their application of such knowledge will allow for their acceleration in music while enhancing the core-ensembles of the high school.

Course Title: Senior High Band

Prerequisite: Successful completion of Junior High Band
Examination: Departmental **Credit:** 1 credit

Description: Band develops musical skills and promotes certain cultural, aesthetic, and social benefits by performing a wide variety of musical compositions in rehearsal, concert and at school and community events. It develops the musicianship and technical ability of each student through weekly lessons, rehearsal, and required home practice. Grades are based on progress in lesson performances, as well as attendance at practice and ensemble performances. There are two major components of the band course: Concert Band and Marching Band. Students electing to participate in band should be active in both of these components and will participate in all classes and extra class activities.

Course Title: Show Choir

Prerequisite: Successful completion of an audition
Examination: Departmental **Credit:** 1credit
Audition: Yes

Description: Membership in the Show Choir is open to any student in grades 9-12 who successfully completes an audition for the Director of Music and the students President of Vocal Music at the end of the previous school year. This ensemble studies and performs high levels of vocal music from various musical genres while successfully negotiating dance/choreography. This performance group is required to present a Winter Holiday Concert, a series of small performances in and around the Hornell community, and a Spring Concert. They also have the opportunity to give a Fall Pops Concert and tour/travel to perform and/or participate in music competitions. Rehearsals are held in the evenings.

Course Title: Music Theory

Prerequisite: Enrollment in a music ensemble (band or choir)
Examination: Departmental **Credit:** 1 credit
Audition: Yes

Description: Music theory is a course designed to develop understanding of the fundamental elements of music and how they are used in composition and performance. Students will explore notation, rhythm, scales, intervals, chords, harmony, and basic composition techniques. Through a variety of aural and written theory skills, students will enhance their ability to read and comprehend music while gaining appreciation for how music is structured in all genres. Students will practice sight-reading, ear training, and dictation, as well as compose and arrange short musical examples. Students will also use notation software to enhance learning and creativity.

PHYSICAL EDUCATION DEPARTMENT

Course Title: Senior High Health

Prerequisite: None
Examination: Departmental **Credit**: ½ credit

Description: Health education is a discussion-oriented class providing factual information pertaining to real life teenage issues. Specific topics include nutrition, life style killers, first aid, stress management, family life, parenting, sex education, alcohol and drug education.

Course Title: 9-12 Physical Education

Prerequisite: None
Examination: Departmental **Credit:** ½ credit

Description: The course activities involve teaching and learning, with emphasis placed on the knowledge, physical skills and application of rules for safety and for sport activities, while focusing on the values of personal living skills (listening, following directions, cooperation, initiative, trust, risk taking, respect, leadership and subordination). Each student is encouraged to work toward mastery of basic motor and manipulative skill competencies, essential for participation in sport and recreational activities. Though mastery of the basic skills is strongly encouraged, student progress is based on each individual's daily participation, effort, experience and skill level.
Students should come prepared with sneakers (with laces tied), change of clothes (sweats, shorts, sweatshirt, T- shirt) and warm attire when outside. Most lockers in the locker-room are available for students to use on a daily basis. Students must provide their own locks to lock up clothing and other valuables for the class period. **The Physical Education Instructors are NOT responsible for any lost or stolen items in the locker-room.**

SCIENCE DEPARTMENT

Course Title: Biology

Prerequisite: Successful completion of Science 8
Examination: NYS Regents in Living Environment **Credit**: 1 credit

Description: The purpose of this course is to introduce students to the science of living systems. The course covers topics suggested by the New York State syllabus for Living Environment. This course provides a broad understanding of the fundamental principle of biology and provides an extension of understanding in selected areas which include cell biology, biochemistry, genetics, evolution, ecology and physiology.
Requirement: Successful completion of 1200 minutes of lab time with accompanying lab reports is required by New York State to sit for final exam.

Course Title: Earth & Space Sciences

Prerequisite: Completion of Living Environment is recommended
Examination: NYS Regents in Earth Science **Credit**: 1 credit

Description: Earth Science consists of the following major areas: geology, meteorology, astronomy, space systems, history of earth, earth systems, weather and climate, human sustainability, and engineering design. Specific topics include: density, measurement, Earth's interior and exterior features, rocks and minerals, plate tectonics, weathering and erosion, earth history, weather forecasting, earth's atmosphere, motions of the earth, moon and sun, seasons.
Requirement: Successful completion of 1200 minutes of lab time with accompanying lab reports is required to sit for final exam and lab practical.

Course Title: Chemistry

Prerequisite: Successful Completion of Living Environment and Algebra (concurrently)
Examination: NYS Regents Physical Setting: Chemistry **Credit**: 1 credit

Description: This course of study presents a modern view of chemistry suitable for students with a wide range of skills and abilities. The outline of topics provides the unifying principles of chemistry which include: matter and energy, mathematics of chemistry, nuclear chemistry, atomic structure, organic chemistry, chemical bonding, acids and bases, electrochemistry, behavior of gases, thermodynamics and kinetics and the periodic table. The principles included are basic to our understanding of our world and how it relates to chemistry.
Requirement: Successful completion of 1200 minutes of lab time with accompanying lab reports is required to sit for final exam.

Course Title: Physics

Prerequisite: Successful completion of Chemistry.
Examination: NYS Regents Physical Setting: Physics **Credit**: 1 credit

Description: Physics is the mathematical treatment of the laws of nature. The areas studied are: mechanics, wave phenomena, electricity, electromagnetism, quantum theory and the standard model of the atom.
Requirement: Successful completion of 1200 minutes of lab time with accompanying lab reports is required to sit for final exam.

Course Title: ACE Biology

Prerequisite: Successful completion of Living Environment and Chemistry (Score of 75% on the Physical Setting: Chemistry Exam)
Examination: Corning Community College Examination **Credit**: 1 credit

8 college course credits through Corning Community College

Description: This course is designed for the advanced, mature student capable of college level work. The course will cover the following topics: Molecules and Cells (Biological Chemistry, Cells and Energy Transformation); Genetics and Evolution (Molecular Genetics, Heredity and Evolution); Organisms and Populations (Principles of Taxonomy, Survey of Monera, Protista, Fungi, Plants, Animals and Ecology). Documented laboratory exercises are required.

Course Title: AP Chemistry

Prerequisite: Successful completion of Living Environment and Chemistry
Examination: AP Examination **(fee)** **Credit**: 1 credit

8 college course credits through Corning Community College

Description: This course is designed as the equivalent to a first college chemistry course. Topics of study include matter, energy, thermodynamics, kinetics and equilibrium, phases of matter, gas laws, periodic table, atomic structure (including electron configuration), bonding, stoichiometry (math of chemistry), solutions, nuclear chemistry, electrochemistry and organic chemistry.

Course Title: Forensics

Prerequisite: Recommended successful completion of Earth Science
Examination: Departmental final exam **Credit**: 1 credit

Description: This course investigates the skills and techniques used by criminal investigators. Topics covered in the course include: crime scene investigation, collection and packaging of evidence, fingerprints, tire and footprint casting, ballistics, hair and fiber analysis, blood and spatter analysis, anatomy and wounds analysis, graphology and document analysis. Students spend approximately 90% of class time engaged in hands-on laboratory activities. Periodically students will be given “cases” to investigate.

Course Title: Pop Culture of Science

Prerequisite: Successful completion of a Regents Level Science course
Examination: Departmental **Credit**: 1 credit

Description: focuses on discovering through experiment the natural laws of nature. Students use experimentation skills along with critical thinking skills to develop models of physical systems. Students should enter with good math and communication skills. Students produce results through class discussion. Topics include: matter and changes, matter in motion, energy, electricity and magnetism, and waves (light and sound).

Course Title: AP Physics

Prerequisite: Successful completion of Living Environment, Regents Chemistry and Regents Physics
Examination: AP Examination **(fee)** **Credit**: 1 credit

Description: AP Physics is an algebra-based introductory college level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore such topics as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory simple circuits.

SOCIAL STUDIES DEPARTMENT

Course Title: Global History and Geography I

Prerequisite: Successful completion of Social Studies 8
Examination: Departmental **Credit:** 1 credit

Description: Regions studied are Africa, Asia, Latin American and Europe. This is the first year course of a two-year program in Global History and Geography. Emphasis is on geography, anthropology, history, and the economic, social, political and cultural systems of specific cultures and civilizations. Concepts of race, nationality, and religion are stressed to help develop better understanding of these various cultures and civilizations.

Course Title: ACE Global History and Geography I

Prerequisite: Successful completion of Social Studies 8 and meet criteria established by administration
Examination: Departmental **Credit:** 1 credit

3 college credits through Corning Community College

Description: Global Studies I College Credit is designed for motivated students who are ready to challenge themselves academically. The course examines the development of world civilizations from ancient times through approximately 1750, emphasizing global interactions, cultural exchange, political systems, economic development, and historical thinking skills. Students will learn how historians analyze evidence, evaluate multiple perspectives, and make connections across regions and time periods.

Course Title: Global History and Geography II

Prerequisite: Successful completion of Global History and Geography I
Examination: NYS Regents Exam in Global History and Geography **Credit:** 1 credit

Description: Global History and Geography II is the second part of a two-year State-mandated course. In the 10th grade year major units of study include Latin America, Africa, Asia, and Europe over the last two centuries and the World today. The course content is historical, political, economic and geographic in its approach. The course culminates with the Regents Exam in Global History and Geography which assesses student learning from both the 9th and 10th grade years.

Course Title: ACE Global History and Geography II

Prerequisite: Successful completion of Social Studies 8 and meet criteria established by administration
Examination: Departmental **Credit:** 1 credit

3 college credits through Corning Community College

Description: Surveys the cultural and continuities of selected world societies during the early modern and modern eras, from the 16th century CE to the present. Students will utilize methods of the social sciences by researching, interpreting, and communicating, and understanding of primary and secondary historical sources. This world history course studies human patterns of interactions with a particular focus on change over time, global exchange, and those phenomena that connect people, places, and ideas across regional boundaries, with an emphasis on the shaping of the modern age and the implications for the future of the global community.

Course Title: United States History and Government

Prerequisite: Successful completion of Global History and Geography II

Examination: NYS Regents Exam in US History and Government **Credit:** 1 credit

Description: The course spans United States history with particular emphasis on the formation of government, the constitution, its enduring issues, and post-Civil War American development. The course is designed to provide students with the content and skills needed to perform well on the Regents Exam and to encourage students to think critically about issues that have impacted this nation's past.

Course Title: AP US History and Government

Prerequisite: Successful completion of Global History and Geography II
Examination: AP Exam (fee) and NYS Regents in US History **Credit:** 1 credit

6 college course credits through Corning Community College

Description: The course spans the broad spectrum of American History from the Age of Exploration to modern America. This course provides honors students with the opportunity to take a college-level course while still in high school. Students must expect a college workload in the course daily. Course preparation is paramount. The use of primary materials is emphasized.

Course Title: Government/Economics

Prerequisite: Successful completion of US History
Examination: Departmental **Credit:** 1 credit

Description: The economics portion of this course is designed to provide all students with the economic knowledge and skills in micro and macro-economics enabling them to function as informed and economically literate citizens in our society and in the world. The overall purpose of the government portion of this course is to provide students with a basic understanding of how our government is organized, how it works, and what those in government do. The student will not only be informed about the nature and working of our government, they will become more adept at thinking systematically and critically. They apply this knowledge to civic affairs at the local level. Current issues are stressed. Community service and meetings are an expected requirement in this class.

Course Title: Psychology/Sociology

Prerequisite: None
Examination: Departmental **Credit:** 1 credit

Psychology Description: This course examines the basic nature of human relationships, customs, institutions, social structure, and culture. It emphasizes how these patterns affect our beliefs and behavior, and how they express our fundamental concerns and values. The course teaches the basic concepts, methods and perspectives of sociology as a social science; and it uses them to consider such topics as family life, groups and organizations, gender and age roles, minorities and social classes, religious and political movements, and social problems.

Sociology Description: Survey course introducing modern psychology by presenting scientific and humanistic interpretations of the human mind and behavior. Topics to be covered are biological bases of behavior; perception; learning; personality; social influences; definition, possible causes, and treatments of behaviors which are considered dysfunctional.

OTHER ELECTIVES

Course Title: Innings of Influence: America Through Baseball

Prerequisite: None
Examination: Departmental **Credit:** 1 credit

Description: Students will engage baseball from a multitude of angles, further widening their general understanding of the sport but also including the economics, statistics, business, commercial, and pop cultural impacts baseball has globally.

Course Title: Careers in Sports

Prerequisite: None
Examination: Departmental **Credit:** 1 credit

Description: This course offers students a behind-the-scenes look at the many professions that make athletic programs and sporting events successful. From planning and promotion to the energy of game day, students will explore what it takes to create an engaging and well-run sports experience at the school and community level. This course emphasizes game day operations for Hornell athletics and provides hands-on opportunities to support Red Raider sporting events. Students will learn about and experience a range of roles, including branding and marketing, scorekeeping, public address announcing, in-house entertainment, student section leadership, and fan engagement. Through real-world applications, collaboration with the athletic department, and exposure to industry professionals, students will gain valuable leadership, communication, and organizational skills applicable to careers in sports, recreation, and media.