

HANCOCK HIGH SCHOOL



COURSE SELECTION GUIDEBOOK



WILDCAT PLEDGE

We nurture and empower each learner's unlimited capacity to become a responsible citizen with a promising future.

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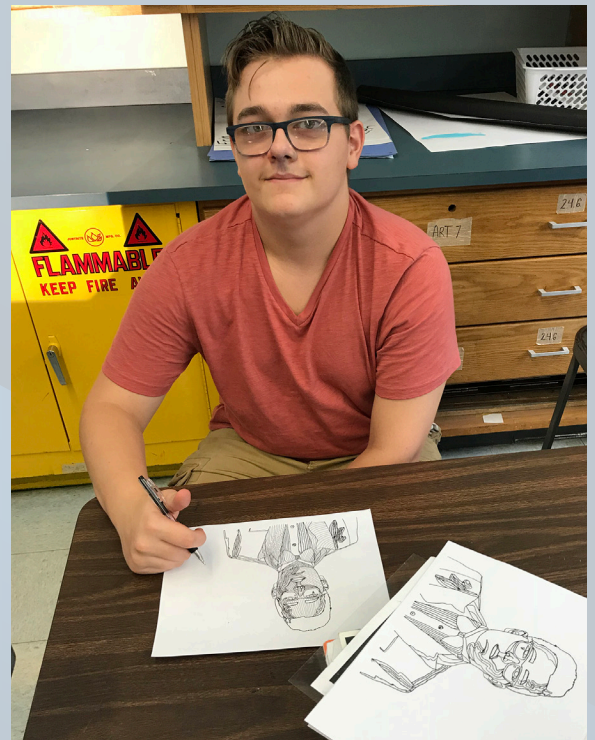


INTRODUCTION



The Hancock Central School District believes that every child can learn and challenges all students to reach their full potential in a caring and supporting environment. We believe that all students can learn and should have the opportunity for continuous improvement of existing skills and acquisition of new skills in a rapidly changing world. One of the ways we hope to attain this is through our high school course offerings.

This handbook is designed to help familiarize students with the courses that will be offered at HCS during the 2019-2020 academic year and to introduce them to the topics of material that will be covered. For new students, it will help familiarize them with the district. For returning students, it will allow them to see the course options available to meet the high school graduation requirements.



OUR VISION: Striving for excellence as an innovative, advanced and reflective school community.

GRADUATION REQUIREMENTS



REGENTS DIPLOMA

A total of at least 22 credits is required to obtain a Regents Diploma, including a minimum of the following:

- 4 credits of English
- 4 credits of Social Studies
- 3 credits of Mathematics
- 3 credits of Science
- 1 credit of Foreign Language
- 1 credit of Art/Music Elective
- 2 credits of Physical Education (0.5 credits each full year)
- 0.5 credits of Health

In addition, the follow Regents Examinations must be completed with a minimum score of 65:

- 1 Science Regents Exam (Earth Science, Living Environment, Chemistry or Physics)
- Global Studies Regents Exam
- 1 Common Core Mathematics Exam (Algebra, Geometry or Algebra 2 Common Core)
- English Common Core Exam
- United States History & Government Regents Exam

ADVANCED REGENTS DIPLOMA

A total of at least 22 credits is required to obtain an Advanced Regents Diploma, including a minimum of the following:

- 4 credits of English
- 4 credits of Social Studies
- 3 credits of Mathematics
- 3 credits of Science
- 3 credits of Foreign Language
- 1 credit of Art/Music Elective
- 2 credits of Physical Education (0.5 credits each full year)
- 0.5 credits of Health

In addition, the follow Regents Examinations must be completed with a minimum score of 65:

- 2 Science Regents Exams (Earth Science, Living Environment, Chemistry or Physics)
- Global Studies Regents Exam
- 3 Mathematics Common Core Exams (Algebra, Geometry and Algebra 2)
- English Common Core Exam
- United States History & Government Regents Exam
- Spanish Regional Exam

CDOS COMMENCEMENT CREDIT

A total of at least 216 hours of CTE coursework and/or work-based learning experiences is required to obtain Career Development and Occupational Studies Commencement Credit, including a minimum of 54 hours in work-based learning experiences. Beginning no later than the school year when a student turns age 15, the IEP must include transition goals and services.

- Student must have developed a Career Plan that includes documentation of the student's self-identified career interests, strength, needs, goals, career and technical coursework, and work-based learning experiences.
- Student must have demonstrated achievement of the commencement level CDOS learning standards in the areas of career exploration and development, integrated learning, and universal foundation skills.
- Student must have at least one completed employability profile that documents the student's employability skills and experiences, attainment of each of the commencement level CDOS learning standards, and, as appropriate, attainment of technical knowledge and work-related skills, work experience, performance on industry-based assessments and other work-related academic achievements.

ENGLISH



ENGLISH 9

1.0 Credit, 1 Year

Explores concepts including reading, writing, listening and speaking. Students will use *Elements of Literature: Third Course* as their principle text. Here they will explore short stories, poetry, mythology and various forms of nonfiction. In addition, students will be expected to read one of the following novels: *The Joy Luck Club* by Amy Tan or *The Outsiders* by S.E. Hinton. Students also will explore drama through the use of William Shakespeare's *Romeo and Juliet*. Students will be assessed through tests, quizzes, homework and participation. There will be a final exam at the conclusion of this course.

ENGLISH 10

1.0 Credit, 1 Year

Explores concepts including reading, writing, listening and speaking. Students will use *Elements of Literature: Fourth Course* as their principle text. Here they will explore short stories, poetry and various forms of nonfiction, including but not limited to essays, biographies, autobiographies and memoirs. In addition, students will be expected to read the following novels: *The Pearl* by John Steinbeck, *To Kill a Mockingbird* by Harper Lee and *Rules of the Road* by Joan Bauer. Students will be assessed through tests, quizzes, homework and participation. There will be a final exam at the conclusion of this course.

ENGLISH 11

1.0 Credit, 1 Year

Explores concepts including reading, writing, listening and speaking. Students will be using *Elements of Literature: Fifth Course* as their principle text. Here they will explore short stories, poetry and various forms of nonfiction, including but not limited to essays, biographies and memoirs. Course focuses on American Literature. In addition, students will be expected to read the following drama/novels: *The Crucible* by Arthur Miller, *Swallowing Stones* by Joyce McDonald, *Fallen Angels* by Walter Dean Myers, *Night* by Elie Wiesel and *Of Mice and Men* by John Steinbeck. Students will be assessed through tests, quizzes, homework and participation. Students must take the Comprehensive English Regents Examination at the conclusion of this year.

ENGLISH 12

1.0 Credit, 1 Year

Explores concepts including reading, writing, listening and speaking. Students will use *Elements of Literature: Sixth Course* as their principle text. Here they will explore short stories, poetry and various forms of nonfiction. Course focuses on British Literature. In addition, students will be expected to read the following texts: selections of *The Canterbury Tales*, excerpts of *Beowulf*, *The Things They Carried* by Tim O'Brien, and *Ethan Frome* by Edith Wharton. Students also will explore drama through the use of William Shakespeare's *Macbeth*. Students will be assessed through tests, quizzes, homework and participation. There will be a final exam at the conclusion of this course.



COLLEGE ENGLISH 101

0.5 Credit, Half-Year

Introduction to college writing through reviews of essay components and structure. Students are to refine their mastery of Standard English by writing narrative essays that demonstrate college-level thesis construction and execution. Requires peer/teacher collaboration through Edmodo and Google Drive. Curriculum is approved through Tompkins Cortland Community College's Introduction to College Writing course. Upon successful completion, students can earn three college credits.

COLLEGE ENGLISH 102

0.5 Credit, Half-Year

Students continue to develop and refine an effective writing process of planning, invention, drafting and revision. They develop the critical thinking skills necessary to research literary criticism and to write and revise academic papers. Context for the assignments, which may be centered on a theme, is provided by scholarly readings drawn from a variety of genres, such as fiction, drama and poetry. Students develop an appreciation for information literacy skills as they engage in formal written assignments that analyze upper-level literature. Written assessments will be properly documented according to MLA/APA format. ENGL 102 fulfills the SUNY General Education Humanities requirement. Upon successful completion, students can earn three college credits.

JOURNALISM

1.0 Credit, 1 Year

Designed to integrate classroom learning and teamwork with publishing and technology. Students will work with Adobe InDesign, Publisher, Adobe Photoshop and digital cameras. The text is McDougal Littell's *Introduction to Journalism*. During the year, students will work to publish a minimum of four issues of *Cat Tales*, a student-developed newspaper that advocates the principles of free speech, free expression and open discussion. In addition, students are to complete a daily log sheet and a self-assessment every five weeks as there are no texts or quizzes. Grades are determined based upon agreement between teacher and student.

MATHEMATICS



INTEGRATED ALGEBRA 1A

1.0 Credit, 1Year

The first course of a two-year program designed to prepare students for the Algebra 1 Common Core Regents Exam. Explores concepts including sets, solving equations in the context of real world problems and the role of polynomials and their operations. Students will be assessed through tests, quizzes, homework and participation. There will be a final exam at the conclusion of this course.

INTEGRATED ALGEBRA 1B

1.0 Credit, 1 Year

The second course of a two-year program designed to prepare students for the Algebra Common Core Regents Exam. Offers a comprehensive review of the concepts covered in Integrated Algebra 1A and introduces new concepts to complete the curriculum. Additional topics covered include exponential growth and decay, linear regression, quadratic linear systems, an introduction to probability/statistics and real-life applications of mathematics. Students will be assessed through tests, quizzes, homework and participation. Students will take the Algebra 1 Common Core Exam in June at the conclusion of this course.

INTEGRATED ALGEBRA 1 REGENTS

1.0 Credit, 1 Year

Covers sets and solving linear equations, both algebraically and graphically. The role of polynomials and their operations will be discussed. An introduction to probability and statistics will be covered. Students also will explore exponential growth and decay, linear regression, quadratic linear systems and real-life applications of mathematics. Students will be assessed through tests, quizzes, homework and participation. Students will take the Algebra 1 Common Core Exam in June at the conclusion of this course.

GEOMETRY

1.0 Credit, 1 Year

The second course in New York State's three-year Algebra 1, Geometry and Algebra 2 sequence. This class will meet New York State's curriculum requirements by exploring topics, theories and applications of higher order mathematics. Students will explore an integrated approach to the study of geometric relationships. Students also will investigate properties of triangles, quadrilaterals and circles; formal and informal proofs; transformational and coordinate geometry, and logic. Designed to help students develop an understanding of how reasoning and proof are fundamental aspects of mathematics. Students will be assessed through tests, quizzes, homework and participation. Students will take the New York State Geometry Common Core Exam in June at the conclusion of this course.

ALGEBRA II

1.0 Credit, 1 Year

Third-level New York State Regents Math course that teaches intermediate algebra topics, including the study of polynomial, exponential and logarithmic functions. The trigonometric functions are introduced through the study of the unit circle. Trigonometric graphs, identities and equations are developed. In addition, the topics of standard deviation, the normal distribution and binomial probability are introduced. Students will be assessed through tests, quizzes, homework and participation. Students will take the New York State Algebra II and Trigonometry Regents Exam in June at the conclusion of this course.

PRECALCULUS AB

A 0.5 Credit, Half-Year;

B 0.5 Credits, Half-Year

Advances student on functions from analytical, graphical, numerical and verbal perspectives. Functions studied include polynomial, rational, trigonometric, exponential and logarithmic. Course also contains the study of vectors, matrices, fractal geometry, and polar and parametric representations. Students will be assessed through tests, quizzes, homework and participation. There will be a final exam at the conclusion of this course.

AP CALCULUS

1.0 Credit, 1 Year

Studies differential and integral calculus. Equivalent to a first-year college calculus course. Focuses on techniques and applications of derivatives and integrals, including separable differential equations. A complete outline of the topics and information is online at <http://apcentral.collegeboard.com>. Students may be awarded college credit based on score on Advanced Placement test in May.

MATH USING TECHNOLOGY

0.5 Credit, 1 Year

Focuses on the use of the graphing calculator in Algebra I topics. Students learn to use the tool as a method of solving and checking their work. The use of the calculator deepens and reinforces the material taught in Algebra I. Course should be taken concurrently with Algebra I. Students are assessed through quizzes, classwork, homework and participation.

MATHEMATICAL APPLICATIONS

1.0 Credit, 1 Year

Third-year mathematics course for students who have completed at least Algebra I (Algebra I plus Geometry is recommended). Math Applications covers various topics, including graphing and modeling with functions – Linear, Quadratic, Exponential and Trigonometry. Other topics include statistics, matrices and programming. Focus is less theoretical than Algebra II but covers many of the same topics. Students will be assessed through tests, quizzes, homework and participation.

CONSUMER MATHEMATICS

0.5 Credit, Half-Year

Students will learn many important applications of mathematics that deal with consumers and everyday life. Topics include checking accounts, credit cards, budgets and loans, which are important to all students regardless of their career paths after high school graduation. Students will be assessed through tests, quizzes, homework and participation. There will be a final exam at the conclusion of this course.

BUSINESS MATHEMATICS

0.5 Credit, Half-Year

Students will learn many important applications of mathematics that deal with business and everyday life. Some of these include salary, markups, markdowns and insurance, which are important to all students regardless of their career paths after high school graduation. Students will be assessed through tests, quizzes, homework and participation. There will be a final exam at the conclusion of this course.

SCIENCE



UNIFIED EARTH SCIENCE

1.0 Credit, 1 Year

An alternative to Earth Science. Students will be introduced to the major areas of Earth Science, which include topics within Geology, Meteorology and Astronomy. Provides students will the basic information to be better prepared for the Earth Science course and subsequent Regents Exam. Students will be assessed through tests, quizzes, homework and participation. There will be a final exam at the conclusion of this course.

EARTH SCIENCE

1.0 Credit, 1 Year

Based on the New York State curriculum for Physical Setting Earth Science. Students will meet for nine class periods during each six-day cycle, once each day and an additional period for lab on alternating days. As with other Regents Science courses, students are required to experience a minimum of 1,200 minutes for laboratory time to be eligible to take the Earth Science Regents Examination. Topics studied include the various areas of Geology, Meteorology and Astronomy. Students will be assessed through lab assignments, tests, quizzes, homework and participation. The Physical Setting Earth Science Regents Examination will be taken at the conclusion of this course in June.

LIVING ENVIRONMENT

1.0 Credit, 1 Year

Follows the New York State Regents Living Environment curriculum. Students will meet for nine class periods during each six-day cycle, once each day and an additional period for lab on alternating days. As with other Regents Science courses, students are required to experience a minimum of 1,200 minutes for laboratory time to be eligible to take the Living Environment Regents Examination. Included in those 1,200 minutes are four state-supplied laboratory activities that must be completed to sit for the Regents. Major topics of study include similarities and differences among living things, homeostasis in organisms, genetic continuity, reproduction and development, evolution, ecology, human impact on ecosystems, and scientific inquiry and skills. Students will be assessed through lab assignments, tests, homework and classwork. The Living Environment Regents Examination will be taken at the conclusion of this course in June.

CONCEPTS IN BIOLOGY

1.0 Credit, 1 Year

Designed as a review of the Living Environment Curriculum for those students who have already met the lab component of Living Environment but have not passed the State Assessment in Living Environment. Also offered for 0.5 credits for each half of the school year.

ENVIRONMENTAL SCIENCE

1.0 Credit, 1 Year

Designed to improve student awareness of current and future environmental issues. Emphasis is on the study of science and the development of thinking and decision-making skills. This is achieved through group activities, oral presentations and laboratory exercises. Topics covered include living things in ecosystems, water, air, atmosphere and climate, land, food, biodiversity, energy, waste, and population growth. Students will be assessed through tests, quizzes, homework, classwork and projects. There will be a final exam at the conclusion of this course.

CHEMISTRY

1.0 Credit, 1 Year

Follows the New York State Regents Chemistry curriculum. Students will meet for nine class periods during each six-day cycle, once each day, and an additional period for lab on alternating days. As with other Regents Science courses, students are required to experience a minimum of 1,200 minutes for laboratory time to be eligible to take the Chemistry Regents Examination. Major topics of study include atomic concepts, periodic table, moles and stoichiometry, chemical bonding, physical behavior of matter, kinetics and equilibrium, organic chemistry, oxidation and reduction, nuclear chemistry, and acids, bases and salts. Students will be assessed through lab assignments, tests, quizzes, homework and participation. The Chemistry Regents Examination will be taken at the conclusion of this course in June.

PHYSICS

1.0 Credit, 1 Year

Follows the New York State Regents Physics curriculum. Students will meet for nine class periods during each six-day cycle, once each day, and an additional period for lab on alternating days. As with other Regents Science courses, students are required to experience a minimum of 1,200 minutes for laboratory time to be eligible to take the Physics Regents Examination. Major topics of study include mechanics (linear motion, projectile motion, Newton's Laws, forces, gravity, friction, springs, momentum, astronomy), energy, electricity, waves, and modern concepts (quantum mechanics, photons, atomic structure and theory, particle physics, fundamental energy sources). Students will be assessed through lab assignments, tests, quizzes, homework and participation. The Physics Regents Examination will be taken at the conclusion of this course in June.

SCIENCE SEMINAR

1.0 Credit, 1 Year

Designed to cover different aspects of biology and environmental science. Students will be involved with biologic and physical data gathering at the Delaware River to establish the quality of the water at the sampling points. The uniqueness of the river is then compared to other East Coast rivers with emphasis on the upstream New York City reservoirs. Other topics covered are world biomes, North American Fish and Wildlife biology, and the history of science through astronomy and human medical genetics and ethics. Course has been designed to respond to student interests and is somewhat different every year. If students have a particular science-related topic they would like to investigate, that topic usually can be included. Students will be assessed through tests, but the emphasis is placed on individual projects, assignments and presentations.

UNIFIED SCIENCE

1.0 Credit, 1 Year

Surveys key topics across multiple areas of science and provides an opportunity for students to learn scientific theories that are fundamental to the field. Topics are varied and, at times, dependent upon inquiries of each individual student. Requires students to be self-driven and offers multiple opportunities for hands-on learning. Using a broad, topical approach, students will gain a greater appreciation for the scientific method through exploration and apply this knowledge in a practical manner with regard to their own life experiences. Critical thinking in learning and the application of principles acquired will be an integral part of this course.

COLLEGE BIOLOGY 101

Information is forthcoming. Curriculum is approved through Tompkins Cortland Community College's Biology 101 course. Upon successful completion, students can earn three college credits.

COLLEGE BIOLOGY 102

Information is forthcoming. Curriculum is approved through Tompkins Cortland Community College's Biology 102 course. Upon successful completion, students can earn three college credits.

SOCIAL STUDIES



GLOBAL HISTORY & GEOGRAPHY 9

1.0 Credit, 1 Year

The first of a two-year program, the end of which culminates with a Regents Exam. Designed in a chronological format, covering the years from about 3000 B.C. to 1750 A.D. Topics are skills of Social Studies and Geography; The First Civilizations (Africa, Asia, India and China); Ancient Empires (India, China, Rome, Greece and the Americas); the world during the Middle Ages; the Muslim World, the Byzantine Empire, Russia, Africa and East Asia; and The Shaping of Modern Times (The Renaissance, Reformation, The Age of Exploration and Absolutism). Students will be assessed through current events, tests, quizzes, homework and participation. There will be a final examination at the conclusion of this course.

GLOBAL HISTORY & GEOGRAPHY 10

1.0 Credit, 1 Year

The second of a two-year program, the end of which culminates with a Regents Exam. Designed in a chronological format, covering years from about 1750 to the present. Topics are The Enlightenment and Political Revolutions; Industrial Revolution; Nationalist Movements; Imperialism; World Wars; the Cold War; and The World Since 1945. Students will be assessed through current events, tests, quizzes, homework and participation. The Global Studies Regents Examination will be taken at the conclusion of this course in June.

CREDIT RECOVERY GLOBAL STUDIES

1.0 Credit, 1 Year

Designed to allow students to recover the credit for the Global Studies course they did not successfully complete while keeping them on track for graduation.

U.S. HISTORY & GOVERNMENT

1.0 Credit, 1 Year

Explores the Colonial Era and compares/contrasts the Articles of Confederation with the United States Constitution. Other topics discussed include the Federalist Era, westward expansion, the Civil War, reconstruction, and the Industrial Revolution, leading to the Progressive Era. In addition, students will delve into the causes and results of WWI, WWII and the Cold War. Students also will be exposed to the Civil Rights Movement and events that occurred in modern America. Students will be assessed through tests, quizzes, homework and participation. The United States History Regents Examination will be taken at the conclusion of this course in June.

CREDIT RECOVERY U.S. HISTORY

1.0 Credit, 1 Year

Designed to allow students to recover the credit for the United States History course they did not successfully complete while keeping them on track for graduation.

ECONOMICS

0.5 Credit, Half-Year

Introduces students to various economic systems used throughout the world. Students also will be introduced to supply and demand and the balancing act between business organizations and labor unions. In addition, students will explore money and banking, how economic performance is measured, taxes, and the global economy. Students will be assessed through tests, quizzes, homework and participation. A research paper will serve as the final examination at the conclusion of this course.

SPANISH

SPANISH 1

1.0 Credit, 1 Year

Students begin the year reviewing the alphabet, simple vocabulary, greetings and expressions. Verb usage will be introduced as well as using adjectives and learning simple-sentence structure. Students continue building upon their vocabulary skills through topics such as school, house and home, telling time, weather, foods, clothing, body and traveling. Student also learn many of the verbs frequently used in the Spanish language, such as saber, conocer and all of the stem changers. Several projects will revolve around their grammar and vocabulary, such as pen-pal letters, My Lost Pet, house plans, etc. Students will be assessed through tests, quizzes, homework and participation. There will be a final exam at the conclusion of this course.

SPANISH 2

1.0 Credit, 1 Year

Designed to expand the knowledge of general and specific vocabulary categories, use the Spanish language to express more complex thoughts in written and oral formats, and continue to develop cultural awareness through the study of specific Hispanic cultures. Students will be expected to write narratives and short stories. Students are also expected to read Spanish with correct pronunciation while improving fluency. Students will learn to speak in the past tense, conjugate verbs in the past tense, and learn the irregular verbs in the past tense. There also will be more classroom oral presentations on Spanish food, dance and music. Students will achieve this knowledge and be assessed through tests, quizzes, homework and participation. There will be a final exam at the conclusion of this course.

GOVERNMENT

0.5 Credit, Half-Year

In-depth exploration of the legislative, executive and judicial branches of the federal government. Students also will examine their constitutional freedoms and how they can actively participate in government. Students will learn how to debate controversial issues effectively, with researched support to uphold their viewpoints. A research paper and an oral presentation will serve as the final examination at the conclusion of this course.

SPANISH 3

1.0 Credit, 1 Year

Also known as Spanish 102. Designed to motivate students to use the language in and out of class. Begins with a review of Spanish 1 and 2 (present tense verbs, stem changing verbs, etc.). Students complete weekly essay assignments along with weekly trivia questions based on culture and bi-weekly vocabulary units. Students also begin past and future tenses, focusing on grammar, vocabulary and using the language through writing and speaking. The last few months are spent reviewing and preparing for the local Spanish Regents Exam. Students will be assessed through tests, quizzes, homework and participation. A local Spanish Regents Exam will be taken at the conclusion of this course in June. Curriculum is approved through Tompkins Cortland Community College's Spanish 102 course. Upon successful completion, students can earn three college credits.



SPANISH 4A/4B

0.5 Credit Each, 1 Year

Also known as Spanish 201 and Spanish 202. More of a project- and conversational-based course. Students begin the year with a comprehensive review of grammar and vocabulary and are assigned a video project discussing their lives – past, present and future. Students will teach prepared Spanish lessons at Hancock Elementary School every Friday. There is a Civil Rights Unit based on civil rights in Spain (focusing on Francisco Franco), Mexico, California (focusing on Cesar Chavez and farmers' rights), and Argentina (focusing on Los Desaparecidos, followed by the movie *La Historia Oficial*). Students also will have weekly journaling assignments and a word of the day, based on specific units. Students will create children's Christmas books to share with the elementary school, complete a geography research paper with complementary brochure, read the novel *Don Quijote*, and read the short novel *The History of Mexico*. Students complete the year with an art unit focusing on famous artists of the Spanish culture and create their own Spanish Mural. Students will be assessed through tests, quizzes, homework, projects and participation. Curriculum is approved through Tompkins Cortland Community College's Spanish 201 and 202 courses. Upon successful completion, students can earn three college credits for each course.

SPANISH 5A/5B

0.5 Credit Each, 1 Year

Also known as Spanish 280 and Spanish 281. Designed to provide an intense view of the Spanish language and culture. Primarily revolves around projects while incorporating vocabulary, tenses and the use of language. Skills are refreshed through the review project that covers material from all previous years of Spanish. A movie unit is then provided to gain an understanding of the culture and backgrounds of many different Spanish-speaking countries. An intensive research project focuses on a single country and knowledge is reflected through a paper, tourism brochure, and written chapters for a novel. Toward the conclusion of the course, students participate in the celebration of Cinco de Mayo through a unit involving piñatas with elementary students, a dancing/foods unit, and a video project of a soap opera that combines culture, themes and symbolism techniques students have learned during the course. Students are assessed through tests, quizzes, homework, projects and participation. Curriculum is approved through Tompkins Cortland Community College's Spanish 280 and 281 courses. Upon successful completion, students can earn three college credits for each course.

ELECTIVES



STUDIO IN ART

1.0 Credit, 1 Year

Introductory course designed to provide a foundation for any art advanced course as well as meet the art/music elective requirement for graduation. Emphasizes a concentrated study of the elements and principles of design, using a wide range of media. Students must successfully complete this course to take any other advanced art course.

DRAWING AND PAINTING

0.5 Credit, Half-Year

Advanced art course designed to develop recognition and skill in traditional fine art. A variety of drawing medium and experiences will be included in this in-depth exploration of line, value, color and composition. Opaque and transparent painting medium will be explored in a variety of traditional and nontraditional applications. Students will need to be serious about their intent as the pace of the course may be demanding. Examples of some of the media explored include pencil, chalk, pastels, charcoal, watercolors, gouache, tempera, acrylics, oils and mixed media.

ART CERAMICS

0.5 Credit, Half-Year

Advanced art course dealing with the various methods of pottery making from the simplest, hand-built techniques to throwing on the potter's wheel. Emphasis will be placed on design principles and the historic and cultural (Asian, European and Native American) aspects of ceramics.

COLLEGE DESIGN FOR ELECTRONIC MEDIA

0.5 Credit, Half-Year

Advanced art course that requires the prerequisite Studio in Art and basic computer knowledge and skills. Students will explore careers in graphic design, illustration, publications design and digital imagery. Students will sometimes be required to work independently outside of the classroom, in one of the computer labs. Curriculum is approved through Tompkins Cortland Community College's Art 117 course. Upon successful completion, students can earn three college credits.

ACCOUNTING

1.0 Credit, 1 Year

Introduces various accounting concepts that relate to businesses run as sole proprietorships. The steps of the accounting cycle are introduced and reinforced in class throughout the school year. Lessons in learning how to use checking accounts, personal loans and credit also will be addressed. Students will be assessed through homework, tests, quizzes and class participation.

KEYBOARDING

0.5 Credit, Half-Year

Designed to teach students the proper way to type, as well as how to set up and key letters, memos, reports, resumes, tables, columns and reports. These skills are important for students entering college and/or the workforce. Students will be assessed through homework, tests, quizzes and class participations.

BUSINESS COMPUTER APPLICATIONS

0.5 Credit, Half-Year

Designed to teach students how to use programs such as Microsoft Excel, Microsoft PowerPoint and Microsoft Publisher to prepare spreadsheets and graphs (Excel), slide-show presentations (PowerPoint), and brochures, business cards and other business marketing materials. Publisher is a program that students may use in everyday life or as a future business owner/manager. Students will be assessed through homework and projects.

WEB PAGE DESIGN

1.0 Credit, 1 Year

Designed to provide students with a basic knowledge of how web pages are created and maintained. Students will learn to use the basic building blocks of web pages with Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). HTML and XHTML are covered in detail. Students will learn how to create sites both manually in Notepad and through the use of Dreamweaver software. Students also will use Adobe Photoshop to optimize and prepare images/graphics for a web page while adhering to copyright laws. Concludes with a website project and independent study of a web-design topic of the student's choice. Students are assessed through projects and classroom participation.

HOME ECONOMICS BASIC FOODS

0.5 Credit, Half-Year

Designed to help student learn how to make many different foods, from blueberry muffins to calzones. Teaches various skills for measuring and other baking/cooking procedures. Students can expand on their knowledge of wellness and take responsibility for their own health decisions. Students work in groups in labs and learn how to work with others. Students are assessed through lab work, classroom participation, quizzes and homework.

CABINET MAKING

0.5 Credit, Half-Year

Introductory course where students learn about basic design principles, various methods of lumber preparation, and hand and machine joining techniques. Each student will be expected to produce one piece of freestanding furniture. Attention also will focus on some basic tool and machine maintenance. Students will be assessed through projects and classroom participation.

PRE-ENGINEERING

0.5 Credit, Half-Year

Students will work with a variety of different materials (wood, plastic, concrete and soft metals) to design a product that could be mass produced on a limited scale. The ultimate goal is to sell the product for profit and donate the proceeds to a local charity. Students will be assessed through projects and classroom participation.

HIGH SCHOOL CHORUS

1.0 Credit, 1 Year

Entry-level chorus open to all students with the desire to sing in a larger vocal ensemble. Focuses on mastery of standard choral practices, singing in 3- or 4-part harmony, exposure to various musical styles and periods, sight-singing, and development of choral vocal technique. Students will learn to sing in foreign languages. Performances include the Holiday Concert, Spring Concert and End of the Year Concert. Performance opportunities also are available for individuals who want to prepare for audition in the NYSSMA Solo Festival and/or BCMEA All-County Chorus. Students will be assessed on the basis of class participation, concert performance and written quizzes.

CHAMBER CHOIR

0.5 Credits, 1 Year

Course involves a smaller choral ensemble in which members join through invitation and/or audition. This is the premiere performing ensemble of the Choral Department. Students will focus on mastery of standard choral practices, singing in close harmony, exposure to various musical styles and periods, sight singing, and development of individual vocal technique. Students will learn to sing in foreign languages. Performances include but are not limited to the Holiday Concert, Spring Concert and End of the Year Concert. Performance opportunities also are available for individual students who want to prepare for audition in the NYSSMA Solo Festival and/or BCMEA All-County Chorus. Students will be assessed on the basis of class participation, concert performance and written quizzes.

HIGH SCHOOL BAND

1.0 Credit, 1 Year

High School Band students will refine their musical skills by performing on their instruments. Students will improve their ability to read music and develop their ability to play by ear. Students will learn to play as a member of a large ensemble, along with learning solos for their instrument. The high school band meets every other day. Students also meet for small group lessons once a week.

COLLEGE PERSONAL HEALTH

0.5 Credits, 1 Year

Students will learn about all aspects of health and how to evaluate their own health choices. Students will investigate health topics, including drug use/abuse, nutrition, fitness, stress management, goal setting, decision making, communication, relationships, CPR, communicable diseases, sexually transmitted diseases and parenting education. Students will complete written reports, brochures, DBQs and poster projects, as well as several labs and activities. Students will be assessed through classroom participation, homework, projects, tests and quizzes. Curriculum is approved through Tompkins Cortland Community College's Health 206 course. Upon successful completion, students can earn three college credits.

H.S. PHYSICAL EDUCATION

0.5 Credits, 1 Year

Stresses participation and instruction in a wide range of games and fitness activities. Results are skill development, an improved fitness level, socialization and cooperation among the student population, as well as a realistic attitude on the body's capabilities. The goal of the Physical Education Department is for every student to leave high school with a base knowledge in a variety of lifetime activities and the desire and means to maintain a physically active and healthy life. This is done through units in field hockey, soccer, football, basketball, volleyball, badminton, fly fishing, softball, capture the flag and ultimate Frisbee. Students are required to complete fitness testing in the fall and spring, in accordance with New York State standards. Students will be assessed through class participation and written tests.

COLLEGENOW

Tompkins Cortland Community College's CollegeNow program offers Hancock High School students the opportunity to earn college credits through concurrent enrollment courses offered at the high school.

COLLEGENOW COURSES

ART 117 - Design I for Electronic Media (3 credits, Samantha Spalholz-Olbrys)

BIOL 101 - Principles of Biology I (3 credits, Jeremy Mann)

BIOL 102 - Principles of Biology II (3 credits, Jeremy Mann)

ENGL 101 - Academic Writing II (3 credits, Mary Norris)

ENGL 102 - Approaches to Literature (3 credits, Mary Norris)

HLTH 206 - Personal Health (3 credits, Ann Messenger)

SPAN 102 - Beginning Spanish II (3 credits, Danielle Gross)

SPAN 201 - Intermediate Spanish I (3 credits, Danielle Gross)

SPAN 202 - Intermediate Spanish II (3 credits, Danielle Gross)

SPAN 280 - Hispanic Literature and Culture I (3 credits, Danielle Gross)

SPAN 281 - Hispanic Literature and Culture II (3 credits, Danielle Gross)

COLLEGENOW COURSE DESCRIPTIONS

Overviews of the courses offered through Tompkins Cortland Community College's CollegeNow program are below. For more information on these courses, visit the webpage <https://www.tompkinscortland.edu/academics/course-offerings-school#hancock>.

ART 117—DESIGN I FOR ELECTRONIC MEDIA (3 credits): Introduces the basic visual vocabulary of two-dimensional design and provides a variety of experiences addressing the creative application of design concepts on the computer. Projects, lectures and critiques address the development of visual and aesthetic judgment. Critiques and discussions also provide the opportunity to analyze and verbally communicate the visual experience and principles of design, composition, color systems and the basics of using type. Prerequisites: MATH 090 and RDNG 099 if required by placement testing; prior completion or concurrent enrollment in ENGL 099. (2 Lec., 2 Lab.)

BIOL 101—PRINCIPLES OF BIOLOGY I (3 credits): Presents an overview of major biological principles. Topics include chemistry as it relates to organisms, cell morphology and physiology, and genetics. Intended for students who do not plan to transfer to an upper-level major in science, environmental science, medicine or science-related field. Nursing students may take BIOL 101 and CHEM 101 to meet their program requirements. Substantial outside preparation for lectures and laboratories is required. BIOL 101 fulfills the SUNY General Education Natural Sciences requirement. Students may not apply credit for both BIOL 101 and BIOL 104 toward their degree. Prerequisites: MATH 090 if required by placement testing; prior completion or concurrent enrollment in ENGL 100 and RDNG 116 if required by placement testing. (2 Lec., 2 Lab.)

BIOL 102—PRINCIPLES OF BIOLOGY II (3 credits): Presents an overview of major biological principles. It is appropriate for students who are not planning to transfer to an upper-level major in science, environmental science, medicine or science-related field. Major topics include evolution, biodiversity, animal form and function, and ecology. Prior completion of BIOL 101 is not required. Substantial outside preparation for lectures and laboratories is required. BIOL 102 fulfills the SUNY General Education Natural Sciences requirement. Students may not apply credit for both BIOL 102 and BIOL 105 toward their degree. Prerequisites: MATH 090 if required by placement testing; prior completion or concurrent enrollment in ENGL 100 and RDNG 116 if required by placement testing. (2 Lec., 2 Lab.)

ENGL 101—ACADEMIC WRITING II (3 credits): Develops and refines student writing in an academic context. Students engage and respond to challenging texts as they develop critical thinking skills. They learn to support their ideas with credible, authoritative information from academic sources and to recognize audience, purpose and bias. Special sections may center on a theme. ENGL 101 fulfills the SUNY General Education Basic Communication requirement. An honors section is offered. Prerequisites: C or better grade in ENGL 100 or appropriate assessment; prior completion or concurrent enrollment in RDNG 116 if required by placement testing. (3 Lec.)

ENGL 102—APPROACHES TO LITERATURE (3 credits): Provides a comprehensive introduction to the major aspects of literature. Extensive writing, using various rhetorical modes, helps students appreciate and understand fiction, drama and poetry as forms of literary expression. ENGL 102 fulfills the SUNY General Education Humanities requirement. An honors section is offered. Prerequisites: ENGL 101; RDNG 116 if required by placement testing. (3 Lec.)

HLTH 206—PERSONAL HEALTH (3 credits): Isolates some of the most perplexing health-related problems and provides opinions, data and facts to help students make decisions to optimize their personal health. Topics include promoting health behavior change, psychosocial health, managing stress, violence and abuse, human sexuality, nutrition, weight management, personal fitness, addictions and addictive behavior, alcohol, tobacco and caffeine, illicit drugs, cardiovascular disease, cancer, infectious diseases, sexually transmitted infections, noninfectious conditions, healthy aging, environmental health, consumerism, and complementary and alternative medicine. Prerequisites: Prior completion or concurrent enrollment in ENGL 100 and RDNG 116 if required by placement testing. (3 Lec.)

SPAN 102—BEGINNING SPANISH II (3 credits): Building on the skills and knowledge mastered in SPAN 101, students continue to learn the essentials of Spanish grammar and the vocabulary needed for effective communication in everyday situations. Substantial outside preparation using CD-ROMs, the internet or other audio-visual materials is required. Students are expected to communicate in the present and past indicative tenses in Spanish. SPAN 102 fulfills the SUNY General Education Foreign Language requirement. Prerequisites: SPAN 101; RDNG 116 if required by placement testing; prior completion or concurrent enrollment in ENGL 100 or ESL 103. (3 Lec.)

SPAN 201—INTERMEDIATE SPANISH I (3 credits): Intermediate Spanish course focusing on speaking, reading, writing and listening comprehension. Grammar learned in first-year Spanish is reviewed. Major emphasis is placed on improving oral communication skills and reading comprehension. Students explore different aspects of the cultures, history and current events of the Spanish-speaking world. Substantial outside preparation using CD ROMs, the internet or other audio-visual materials is required. Students are expected to communicate in the present, past and future tenses in Spanish. Class is conducted exclusively in Spanish. SPAN 201 fulfills the SUNY General Education Foreign Language requirement. An honors section is offered. Prerequisites: SPAN 102; RDNG 116 if required by placement testing; prior completion or concurrent enrollment in ENGL 100. (3 Lec.)

SPAN 202—INTERMEDIATE SPANISH II

(3 credits): Continuation of Intermediate Spanish I. Major emphasis is placed on helping students to improve their oral communication skills and reading comprehension. Students continue to explore different aspects of the cultures, history and current events of the Spanish speaking world. Substantial outside preparation using CD-ROMs, the internet or other audio-visual materials is required. Students are expected to communicate in the present, past and future tenses in Spanish. Class is conducted exclusively in Spanish. SPAN 202 fulfills the SUNY General Education Foreign Language requirement. Prerequisites: SPAN 201; RDNG 116 if required by placement testing; prior completion or concurrent enrollment in ENGL 100. (3 Lec.)

SPAN 280—HISPANIC LITERATURE AND CULTURE I

(3 credits): Continuation of Intermediate Spanish I. Major emphasis is placed on helping students improve their oral communication skills and reading comprehension. Students continue to explore different aspects of the cultures, history and current events of the Spanish-speaking world. Substantial outside preparation using CD-ROMs, the internet or other audio-visual materials is required. Students are expected to communicate in the present, past and future tenses in Spanish. Class is conducted exclusively in Spanish. SPAN 202 fulfills the SUNY General Education Foreign Language requirement. Prerequisites: SPAN 201; RDNG 116 if required by placement testing; prior completion or concurrent enrollment in ENGL 100. (3 Lec.)

SPAN 281—HISPANIC LITERATURE AND CULTURE II

(3 credits): As a continuation of SPAN 280, this course is designed to further develop students' knowledge and understanding of important elements of Hispanic culture and civilization as well as to advance their oral, listening, writing and reading-comprehension proficiencies in Spanish. Representative literary works of Spanish and Latin American authors are covered primarily through class discussions and small group work. Prerequisites: SPAN 280; RDNG 099 if required by placement testing; ENGL 099 or prior completion or concurrent enrollment in ESL 103 if required by placement testing. (3 Lec.)

Hudson Valley Community College's College in the High School program offers Hancock High School students the opportunity to earn college credits through distance-learning courses offered at the high school.

DISTANCE LEARNING

DISTANCE LEARNING COURSE DESCRIPTIONS

Overviews of the courses offered through Hudson Valley Community College's College in the High School program are below. For more information on these courses, visit the webpage <https://www.hvcc.edu/programs/highschool/index.html>

PSYC 100—GENERAL PSYCHOLOGY

(3 credits): Consists of systematic, empirical study of human behavior and covers the following: introduction to psychology, research methodology, biological psychology, sensation and perception, consciousness, learning memory, thought and language, intelligence, human development, motivation and emotion, personality theories, abnormal psychology, health psychology, and social psychology. (3 Lec.)

SOCL 100—SOCIOLOGY

(3 credits): Introduction to the scientific study of human social interaction with emphasis on societies, groups, organizations, social networks and communities as the units of analysis. Topics covered include culture, social structure, socialization, sex roles, groups and networks, organizations, deviance and social stratification, race and ethnic relations, and social institutions. (3 Lec.)

MA 102—STATISTICS

(3 credits): A first course in statistics and data analysis. Topics in descriptive statistics, probability and probability distributions, and inferential statistics will be covered. Required: TI-83/84 Plus calculator. Prerequisite: Elementary Algebra (MA 100). (3 semester hours; fall/spring)

COURSE SELECTION GUIDEBOOK

HANCOCK HIGH SCHOOL



WILDCAT PLEDGE

We nurture and empower each learner's unlimited capacity to become a responsible citizen with a promising future.

