

Hancock Place High School



Course Description Guide 2019-2020

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Section 1 - Graduation Requirements and General Information

College and Career Critical Vocabulary

Advanced Credit Program (ACP)/Dual Credit: These are classes in which students earn both high school and college credit at the same time. Dual credit classes allow students to receive both high school and college-level course credit. They provide students an affordable opportunity to experience high-quality college-level courses while they are still in high school. Students and their families are responsible for making installment payments throughout the year to the university. Students are able to earn college credit, and save money on classes at a fraction of the cost when compared to enrolling in college classes after they graduate from high school.

Advanced Placement (AP) is a program created by the College Board which offers college-level classes and exams to high school students. Colleges and universities may give college credit to students who get a three, four, or five score on the exams. AP courses are designed to prepare students for the AP exam given during the first two weeks of May. There is a fee for each exam, and students can gain college credit when scoring a three or above in their perspective AP class.

Dual Enrollment: Dual Enrollment occurs when a student takes a college course that is not offered as a dual credit class. Each college/university has procedures for dual enrollment students. All dual enrollment students must get permission from HPHS to participate in the dual enrollment program. For example, a student may want to take another foreign language class that is not offered at HPHS. He or she may enroll at the community college level, pay for the course, and get college credit while still in high school. Dual enrollment classes may be taken as an online course as well.

Elective: This is a course in which a student chooses to take, but is not specifically required for graduation. Once a student has met the credit requirements in a specific subject area, any additional credits taken in that area, may count as elective credits.

Grade Point Average (GPA): The student's grade point average will be figured on the basis of semester grades in all subjects. No mid-term grade will be used to determine the GPA. Letter grades will be given the following values and then averaged to determine your GPA. A=4 points; B=3 points; C=2 points; D=1 point; F=0 points. Students enrolled in Honors courses will receive an extra 1.0 point value for a letter grade of A, B, or C.

PLTW: Project Lead The Way (PLTW) offers a dynamic high school program that provides students with real-world learning and hands-on experience. Students interested in biomedical sciences and/or computer sciences will discover that PLTW is an exciting portal into these industries.

Prerequisite: This is a class that must be successfully completed before another related class may be taken. For example, Algebra 1 must be passed before Geometry can be taken.

Required Course: These are classes that are required by the Department of Elementary and Secondary Education (DESE) for graduation. Required coursework that is failed can be made up in summer school (if offered) or in an after school credit recovery program during a student's senior year.

Transcript: A transcript is an official record of a student's grades and standardized test scores. Request forms are available in the counseling office.

Unit of Credit: 1.0 unit of credit is earned for successfully completing two semesters of work. Each class will earn a student one-half (.5) credit each semester.

Graduation Requirements/Credits

English	4 credits
Math	3 credits
Social Studies	3 credits
Science	3 credits
Practical Arts	1 credit
Fine Arts	1 credit
Physical Education	1 credit
Personal Finance	½ credit
Health	½ credit
Electives	7 credits

Total	24 credits
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Students also need to have successful completion of the Missouri and U.S. Constitution tests, as well as take the required End of Course assessments in the following courses:

- English 2
- Algebra 1
- Biology
- Government.

Hancock Place High School prepares students for college, technical school, or direct placement in the workforce by requiring that students take core classes all four years of high school.

Please note that foreign language is not required for a Hancock Place High School Diploma, but one to two credits of foreign language are recommended for college admission.

Section 2 - College Credit Classes

College Credit Offerings

Dual Enrollment

Dual Enrollment allows students to attend a college/university and earn college credit while still in high school. These classes **are not** offered at HPHS, but students are still allowed to pay and take them on a college campus. Students may also enroll in online courses offered the university as well. For example, if a student wants to take a foreign language that is not offered at HPHS, he or she may enroll at St. Louis Community College to take the class online. The student is responsible for applying to the college and completing all steps in the admissions process required by the community college. Interested students are advised to meet with the school counselor for additional information.

Advanced Credit Program (ACP)/Dual Credit

Dual credit classes allow students to earn both high school and college level credit for classes at their high school during the regular school day. The following Missouri colleges and universities listed below work with HPHS to offer dual credit courses. These classes are taught at the college level, using texts, teaching methods, and exams comparable to those used on college campuses. Since each student can gain college credit from a specific university, the institution's policies concerning registration, tuition, fees, etc. must be followed. Students may complete the course and elect not to receive college credit as well. This opportunity allows students to gain college credit at a fraction of the cost when compared to enrolling in the class after high school graduation. Students interested in earning college credit while still in high school are strongly encouraged to meet with the school counselor for further details.

The Coordinating Board for Higher Education (CBHE) has the following requirements for dual credit courses. Students in dual credit classes must meet the additional criteria listed below.

- Students in the 11th and 12th grades with an overall minimum grade point average of 3.0 (on a 4.0 scale) are automatically eligible for dual credit courses as long as the student earns a "B" in the class for credit.
- Students in the 11th and 12th grades with an overall grade point average between 2.5 – 2.99 (on a 4.0 scale) must provide a signed letter of recommendation from their principal or school counselor and provide written permission from a parent or legal guardian.
- Students in the 10th grade must have an overall minimum grade point average of 3.0 (on a 4.0 scale) and must provide a signed letter of recommendation from their principal and guidance counselor and provide written permission from a parent or legal guardian.

University of Missouri – St. Louis (UMSL)

- First Year Writing (Honors English Language Arts IV)

- Introduction to Literature (Honors English Language Arts IV)
- Analytic Geometry and Calculus I (Calculus)
- Fundamentals of Acting (ACP Theatre Arts)
- Scene Study (Advanced Acting)
- Introduction to Western Art (Art History)

Southeast Missouri State (SEMO)

- Genetics and Cell Biology (ACP Biology)

St. Louis Community College (STLCC)

- Intermediate Algebra (Math 140)

Advanced Placement (AP)

This program is created by the College Board which offers college-level classes and exams to high school students. Colleges and universities may give college credit to students who earn a three, four, or five score on the exams. AP courses are designed to prepare students for the AP exam given during the first two weeks of May. There is a fee for each exam.

The following courses are offered for Advanced Placement.

- AP English Literature and Composition
- AP US History
- AP European History
- AP Studio Art
- AP Music Theory

Section 3 - Course Descriptions

Mathematics

In mathematics, Hancock Place High School students will acquire a solid foundation which includes the knowledge of:

- Addition, subtraction, multiplication and division; other number sense, including numeration and estimation; the application of these operations, concepts in the workplace, and other situations
- Geometric and spatial sense involving measurement (including length, area, volume), trigonometry, and similarity and transformations of shapes.
- Data analysis, probability and statistics
- Mathematical systems (including real numbers whole numbers, integers, fractions), geometry, and number theory (including primes, factors, multiples).

Algebra 1A (9) 1 credit

This course introduces the student to the use of inverse operations to solve linear equations and inequalities. Students will explore equations, probability, statistics, basic geometry, graphing on the coordinate plane, percent, proportions and formula for area and volume. Students need previous teacher's approval.

Prerequisites: teacher recommendation

Algebra 1B (10-11) 1 credit

This course continues Algebra 1A. Students will model and solve systems of equations and inequalities. Students will use properties of exponents to simplify expressions, identify and graph exponential functions, and write and solve growth and decay problems involving exponential functions. Students will explore polynomials by adding, subtracting, and multiplying including solving quadratic equations by factoring. Students will graph quadratic equations and explore the properties of quadratic functions. Students will simplify and solve radical and rational expressions and equations including square root functions and using Pythagorean Theorem. Students will study statistics and probability including samples and studies, identifying distributions of data, and comparing sets of data.

Prerequisites: Algebra 1A and teacher recommendation

Algebra I (8-10) 1 credit

The focus of Algebra I will be to use a variety of strategies to identify situations with a constant rate of change that can be represented by linear functions. Students will interpret, represent and solve linear equations and inequalities. Students will model, represent, solve non-linear functions, and determine the reasonableness of the solution(s), and extend their understanding of the real number system through solving problems in algebraic situations. Students will design statistical studies, recognize the importance of random sampling, and identify sources of bias. The course is available to students from 8th grade through 12th grade. Students must take the Algebra 1 end of course exam (EOC) as it is a state and graduation requirement.

Prerequisites: Algebra 1A, Algebra 1B and teacher recommendation

Geometry (10-12) 1 credit

The focus of Geometry will be to blend the traditional and solid geometry (Euclidean) with Algebra. It will include investigation of inductive and deductive reasoning of points, lines, and planes of geometry. Real-life applications, mathematical connections, interdisciplinary connections, and multi-cultural connections are integrated throughout the course. Students will see that succeeding in geometry will help them succeed in life as a confident problem solver.

Prerequisites: Algebra 1 and teacher recommendation

Algebra II (10-12) 1 credit

The focus of Algebra II will be to create, apply, and adapt a variety of strategies to solve problems. Students will represent, compare, and translate polynomial equations, functions and solve non-linear functions. Students will model, construct and solve systems of equations and inequalities. Students will use permutations, combinations, and probability distributions to solve problems.

Prerequisites: Algebra 1 and teacher recommendation

Trigonometry/Pre Calculus (11-12) 1 credit

This course builds from the Algebra II course and is a study of the properties of real numbers and the analyzation of different types of functions both analytically and graphically. It introduces limits, sequences, and elementary functions. The student will be introduced to vectors, analytical geometry, and matrix algebra. Students will learn about Trigonometric functions and identities.

Prerequisites: Algebra II and teacher recommendation

ACP Calculus (12) 1 credit

This course provides an introduction to differential and integral calculus. Topics include limits, derivatives, related rates, Newton's method, the Mean-Value Theorem, Max-Min problems, the integral, the Fundamental Theorem of Integral Calculus, areas, volumes, and average values.

Prerequisites: Trigonometry/Pre Calculus and teacher recommendation

Math 120 (11-12) 1 credit

This course will provide Juniors and Seniors the transition from algebra, geometry, and algebra 2 into Math 140 (either at the high school level or at the STLCC level). The focus of this course is on basic algebra skills to be successful in Math 140. Topics include (but not limited to) variables and algebraic expressions, slopes of lines, solving equations and inequalities, and solving systems of equations.

Prerequisites: teacher recommendation

Math 140 (11-12) 1 credit

This course will provide the transition from elementary algebra into college-level math courses. Operations on rational expressions, operations on radicals, solving quadratic

equations, and the rectangular coordinate system are among the topics covered. Student may elect to take this course as a dual credit course through St. Louis Community College.

Prerequisites: teacher recommendation

Learning Strategies in Pre-Algebra (9-12) 1 credit

Special School District Recommendation

Learning Strategies in Math (9-12) 1 credit

Special School District Recommendation

English Language Arts

In English Language Arts, students will acquire a solid foundation, which includes knowledge of, and proficiency:

- Speaking and writing standard English (including grammar, usage, punctuation, spelling, and capitalization)
- Reading and evaluating fiction, poetry and drama
- Reading and evaluating nonfiction works and material (such as biographies, newspapers, technical manuals)
- Writing formally (such as reports, narratives, essays) and informally (such as outlines, notes)
- Comprehending and evaluating the content and artistic aspects of oral and visual presentations (such as storytelling, debates, lectures, multimedia presentation, etc.)
- Participating in formal and informal presentations and discussions of issues and ideas
- It is required by the state of Missouri that all students take four years of ELA to be eligible for a high school diploma.

Strategies of Practical English (9-12) 1 credit

This course is designed for students reading below grade level. It targets students entering high school but is also designed for any student needing supplemental help in reading comprehension. Students weak in vocabulary and grammar would also benefit from this class.

Prerequisites: Special School District Recommendation

Learning Strategies in English (9-12) 1 credit

Special School District Recommendation

Learning Strategies in Language (9-12) 1 credit

Special School District Recommendation

English Language Arts I (9-12) 1 credit

The composition component will emphasize the writing process in developing well-constructed paragraphs and essays. Usage and mechanics will focus on a

reinforcement of basic skills and introduction to new skills as they are required in writing and mythology, and criticism. This class will help prepare students with the skills needed for reading, interpreting and critically explicating literature from a variety of genres.

Prerequisites: None

Honors English Language Arts I (9) 1 credit

Honors ELA I covers the same curriculum standards as ELA 1 through literary works at a college bound reading level. Students will use higher order thinking skills to evaluate, discuss, and debate.

Prerequisites: Teacher recommendation

English Language Arts II (10-12) 1 credit

ELA II gives students an intense study of World Literature through critical interpretation. Writing skills will be expanded to the development of structured essays using the writing process. Students must take the English II end of course exam (EOC) as it is a state and graduation requirement.

Prerequisites: ELA I

Honors English Language Arts II (10) 1 credit

Honors ELA II covers the same curriculum standards as ELA II through literary works at a college bound reading level, Students will use higher order thinking skills to evaluate, discuss, and debate.

Prerequisites: ELA I or teacher recommendation

English Language Arts III (11-12) 1 credit

The major focus of ELA III is on basic English skills: reading, writing and usage. There is also a focus on American Literature.

Prerequisites: ELA II or teacher recommendation

English Language Arts IV (12) 1 credit

This course is designed to prepare the students for their lives outside of the classroom setting. Students will practice goal setting and researching their future careers. The public speaking unit will focus on speaking skills and practicing public speaking. Students will also practice technical writing and business practices. Finally, the literature component will focus on reading, analyzing, evaluating, and developing an appreciation of literature. The grammar component will focus on the review of the parts of speech, verb tense, and sentence construction. Usage and mechanics will focus on the reinforcement of basic skills and an introduction to new skills as they are required in writing and editing.

Prerequisites: ELA III

ACP Honors English Language Arts IV (12) 1 credit

This course is offered for dual-credit through the University of Missouri-St. Louis. The first semester, First Year Writing will focus on the writing process and the type of writing that will be expected at the college level. The second semester, Introduction to Literature, will explore the critical interpretation of literature. Students will explicate and analyze short story, poetry, drama, and novels.

Prerequisites: English Language Arts III or teacher recommendation.

A Cumulative 3.0 GPA for college credit and tuition is required for college credit.

AP English Literature and Composition (11-12) 1 credit

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. At the end of AP English Literature and Composition, students will take the AP exam and may earn college credit based on their score.

Prerequisites: ELA I, ELA II, and teacher recommendation

Social Studies

In social studies, Hancock Place High School students will acquire a knowledge of:

- Principles expressed in documents shaping constitutional democracy in the United States.
- Principles and processes of governance systems.
- The major elements of geographical study and analysis (such as location, place, movement, and regions) and their relationships to changes in society and the environment.
- Students must pass the three required courses for graduation: World Cultures, Government, and Modern American History
- Students are required to take the Government EOC and pass the United States and Missouri state constitution exams as they are a graduation requirement.

World Cultures (9-12) 1 credit

Students taking World Cultures will gain an overview of events from the ancient world to the present, focusing on diversity, cooperation/conflict, change, regionalism/nationalism, innovation, cultural diffusion, movement and relation to environment through the study of contributions made by societies in Europe, Asia, Africa and the Middle East. Topics will range from the first journey humans made to populate the world to the wars of the 20th century. This class will challenge students with document based questions, speeches, writings, and other primary sources from eras throughout our world's history.

Government (10-12) 1 credit

This course is designed to present students with a fairly comprehensive overview of the origins, creation, components, and workings of government in America. The focus will

be on the federal government, but time will also be devoted to the study of state and local governments. The US Constitution, the three branches of government, politics within the American system, and the importance of individual participation in government will be major themes of study. Various instructional methods, including traditional instruction, research and analysis, governmental simulations, and group and individual problem solving activities will be employed. It is a Missouri state graduation requirement for students to pass the government EOC, the Missouri state constitution, and the United States constitution exams.

Prerequisites: World Cultures

Honors Government (10) 1 credit

This course is designed to present students with a fairly comprehensive overview of the origins, creation, components, and workings of government in America. The focus will be on the federal government, but time will also be devoted to the study of state and local governments. The US Constitution, the three branches of government, politics within the American system, and the importance of individual participation in government will be major themes of study. Various instructional methods, including traditional instruction, research and analysis, governmental simulations, and group and individual problem solving activities will be employed. The difference between this college prep course and the general education course is that this course will demand more time to readings and document analysis outside of the classroom. It is a Missouri state graduation requirement for students to pass the government EOC, the Missouri state constitution, and the United States constitution exams.

Prerequisites: Teacher approval and World Cultures

Modern American History (11-12) 1 credit

Students will analyze the causes and consequences of America's growing role in diplomatic relations. Students will study the goals and accomplishments of the New Deal. Students will also learn about the various factors that led to America's entry into both world wars and those wars' consequences on America. Finally, students will study the causes and course of the Cold War, important economic and political changes during the Cold War, including the Civil Rights movement, and recent events and trends that have shaped modern-day America.

Prerequisites: World Cultures and Government

AP European History (11-12) 1 credit

AP European History is a highly demanding college-level course requiring students to develop high levels of source analysis and writing skills while acquiring a deep and extensive understanding of European History from the Renaissance to the modern era. These skills will be used to take the AP European History exam - a nationally administered college-level history exam that allows students to earn college credit based on their performance. If earned, this credit is accepted at most universities nationwide. Additionally, successful students will develop and demonstrate self-discipline and motivation skills that they will find useful at the next level of their education regardless of their score on the AP exam.

Prerequisites: World Cultures, Government and/or teacher recommendation

AP United States History (11-12) 1 credit

AP American History is a highly demanding course requiring students to develop college-level analysis and writing skills as they acquire a more in-depth and extensive understanding of American History than in other history classes. Additionally, successful students will develop and demonstrate self-discipline and motivation skills they will find useful at the next level of their education regardless of their score on the AP American History exam. Although each institution varies, a score of 3 or above (out of 5) on the final AP exam is usually accepted as credit at most major colleges.

Prerequisites: World Cultures, Government and/or teacher recommendation

Psychology (11-12) 1 credit

This course is designed to explore the scientific method of psychology; psychological phenomena and basic processes necessary to understanding human behavior. Topics covered throughout the year include: history of psychology, research methods, development throughout life, how the brain works, altered states of consciousness, learning, psychological disorders, memory, personality, and psychological testing. This course is designed as a precursor to a college Psychology course and the reading, writing, and presentation workload reflects this.

Prerequisites: Biology, All Social Studies Requirements

Contemporary Issues (10-12) .5 credits

Contemporary issues is an elective semester course for students in grades 10-12. The course introduces students to the study of major issues, personalities, political and economic events that constitute current world affairs. Through diverse media sources, such as *The Week Magazine*, *St. Louis Post Dispatch* and various online sources, the students will have a clear understanding of the world as a series of connected systems and events, and an appreciation of the role the United States plays in world affairs.

Prerequisites: World Cultures

Science

In science, Hancock Place High School students will acquire a solid foundation, which includes knowledge of:

- Properties and principles of matter and energy.
- Properties and principles of force and motion.
- Characteristics and interactions of living organisms.
- Changes in ecosystems and interactions of organisms with their environments.
- Process (such as plate movement, water cycle, air flow) and interactions of earth's biosphere.
- Composition and structure of the universe and the motions of the objects within it.
- Processes of scientific inquiry (such as formulating and testing hypotheses)

- Impact of science, technology, and human activity on resources and the environment.
- Students must attain credit in three science courses to meet the graduation requirements.
- Students are required to take the Biology EOC.

Physical Science (9) 1 credit

This year long course is designed to give the student an introduction to different fields of physical science, focusing on the scientific method, physical and chemical properties of matter, the types of energy, atmospheric and environmental properties of the earth, and the universe in which they live. The course focus will be real-life problem solving regarding each concept. Students will be asked to apply their knowledge in activities such as roller coaster building and rocket construction.

Prerequisites: None

Biology (10-12) 1 credit

Biology is the study of living organisms and their interactions with and within the environment. Students in the course will cover a variety of topics including nature and the process of science, ecology, organization of simple and complex life forms, patterns of inheritance, and species diversity and change. Students are required to take the Biology EOC.

Prerequisites: Physical Science

Honors Biology (10) 1 credit

Honors Biology will cover a variety of topics including nature and the process of science, ecology, organization of simple and complex life forms, patterns of inheritance, and species diversity and change at a college-bound reading level. Students are required to take the Biology EOC.

Prerequisites: Physical Science and Teacher Recommendation

ACP Biology (11-12) 1 credit

This course is designed to offer students a solid foundation in introductory college-level biology. Scientific inquiry and developing critical thinking skills is the most important part of this course. Students will have an awareness of the integration of other sciences in the study of biology, understand how the species to which we belong is similar to, yet different from, other species, and be knowledgeable and responsible citizens in understanding biological issues that could potentially impact their lives. This course is also offered as dual credit through SEMO, where as students must attain a "B" in the course for college credit.

Prerequisites: Algebra, Biology, Honors Chemistry

Chemistry (11-12) 1 credit

Chemistry provides students with a foundation in basic chemistry and how it is involved in our everyday lives. Students will be introduced to properties of matter, atomic

structure, and common chemical formulas. Students will also explore how chemistry relates to food, energy sources, pollution, and common household items.

Prerequisites: Physical Science, Biology

Honors Chemistry (11-12) 1 credit

Chemistry is one of the physical sciences and includes topics such as the structure of the atom, chemical bonding and reactions, and writing chemical equations. This class includes discussion of how chemistry relates to the real world, covering issues such as global warming, acid rain, and ozone layer. Learning to design and conduct experiments to test a scientific hypothesis is a focus of this course.

Prerequisites: Physical Science, Biology, Algebra

Forensic Science (11-12) 1 credit

This course is designed to introduce students to forensic science, a field that applies science to the justice system in order to solve crimes. This lab-based class will look at the history and development of the science, the many methods and procedures used in the field such as fingerprint analysis, blood spatter interpretation, and ballistics, as well as the properties of evidence used by forensic scientists.

Prerequisites: Physical Science, Biology

Botany (11-12) .5 credit

Botany is a semester course, which counts as a science elective credit. Botany will focus on the structure, reproductive cycles, and growth patterns of plants.

Prerequisites: Physical Science, Biology

Zoology (11-12) .5 credit each

Zoology is a semester course, which counts as a science elective credit. Zoology will focus on the structure, life history patterns, and interactions of vertebrate animals.

Prerequisites: Physical Science, Biology

Principles of Biomedical Sciences (9-12) 1 credit

Project Lead the Way (PLTW)

From the moment students walk into the classroom, they are immersed in the mysterious death and asked to investigate, document, and analyze evidence to solve the case. Case-based scenarios like this one allow students to explore a range of careers in biomedical sciences as they learn content in the context of real-world, hands-on activities, projects and problems. Topics explored will include crime scene evidence, DNA analysis, and diagnosing diabetes.

Prerequisites: Teacher Approval

Human Body Systems (9-12) 1 credit

Project Lead the Way (PLTW)

In this course, students will examine the interactions of the human body systems through exploration of identity, power, movement, protection, and homeostasis. The HBS curriculum will allow you to build organs and tissues on a skeletal Maniken®; use

data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. The goal of HBS is to prepare you for higher education opportunities and careers within the biomedical sciences field and any career opportunities you choose to pursue.

Prerequisites: Teacher Approval

Medical Interventions (10-12) 1 credit
Project Lead the Way (PLTW)

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics

Prerequisites: Teacher Approval and completion of Principles of Biomedical Sciences or Human Body Systems

Fine Arts

The Hancock Place High School fine arts department provides students with a solid foundation in multiple artistic outlets. While only one credit of fine arts is required for graduation in the state of Missouri, students have many opportunities to earn elective credits while learning about multiple art forms.

Introduction to Art (9-12) 1 credit

This is a year long course for the beginning artist. It satisfies the Fine Art credit for graduation. We will learn about design, drawing, painting, ceramics, and graphic design. We will also learn about different artistic styles and artists throughout history.

Prerequisites: none

Ceramics (10-12) 0.5 credit

This is a semester course that focuses on working with clay. We will learn the coil, slab, and sculpture techniques. This class is great for students who enjoy building and creating.

Prerequisites: Introduction to Art

Drawing/Painting (10-12) 0.5 credit

This is a semester course that focuses on enhancing drawing and painting skills. This course is geared toward the student who wants to concentrate on realistic drawing. This course helps students advance to AP Studio.

Prerequisites: Introduction to Art

Digital Photography (10-12) 0.5 credit

In this course students will learn the basics of photography. We will learn how to use the digital camera and digital editing software. No previous photography experience is necessary.

Prerequisites: Introduction to Art

Graphic Design (10-12) 0.5 credit

This course is geared toward the student who loves both art and technology. In this course we will be introduced to the world of design through using computers. We will learn the basics of design, produce projects, edit photos, and manipulate layouts.

Prerequisites: Introduction to Art

AP Studio Art 2D Design (11-12) 1 credit

This is a year long course geared toward the serious art student. Students will create a self-directed AP Portfolio to submit to the AP Board in the spring. Students may explore drawing, painting, photography, and design. This is a weighted course and could result in college credit with a score of 3, 4, or 5 on the AP exam.

Prerequisites: Introduction to Art must be taken first, and at least ONE of the following: Drawing/Painting, Photography, Graphic Design, plus teacher approval.

ACP Art History (11-12) 1 credit

This is an academic course geared toward students who wish to explore history from ancient times to present. Through research and class discussions, students will explore significant artworks from all around the world. The class will earn the fine art requirement for graduation. This is dual credit course offered through UMSL.

Prerequisites: None

Band (9-12) 1 credit

An instrument performance-based course with many opportunities for public performance including sporting events, pep rallies, and concerts. Band covers all aspects of music education including instrument performance skills, tone production, and playing multiple genres/styles of music.

Prerequisites: None

Choir (9-12) 1 credit

A vocal performance-based class for anyone who loves to sing. Students will learn basic vocal technique, tone production, and sight-singing skills in multiple genres/styles of music.

Prerequisites: None

Piano (9-12) 1 credit

This course focuses on the basic techniques of playing the piano keyboard. Students will learn to perform notated music in multiple genres/styles of music. Any student who has prior background playing the piano will be given enrichment materials to guide their own progress.

Prerequisites: None

Guitar (9-12) 1 credit

This course focuses on the basic techniques of playing the guitar. Students will learn to perform notated music in multiple genres/styles of music. Any student who has prior background playing the guitar will be given enrichment materials to guide their own progress.

Prerequisites: None

AP Music Theory (11-12) 1 credit

This class roughly parallels a college freshman music theory course. Topics are covered very rapidly in order for all of the materials to be mastered prior to the AP Exam being administered. Significant critical thinking / analytical skills are fostered in most of the course allowing students to articulate and synthesize their understanding of reading and notating music. This is a weighted course and could result in college credit with a score of 3, 4, or 5 on the AP exam.

Prerequisites: At least 1 year experience in a music performance class

ACP Acting I (10-12) 1 credit

Acting I is a year course designed to develop personal communication and presentational skills through theater games, pantomime, improvise, and scene work to develop performance skills.

Prerequisites:

* A Cumulative 3.0 GPA for college credit and tuition is required for college credit

ACP Acting 2 (11-12) 1 credit

Honors Acting is a course designed for students who wish to continue their study of acting having taken the ACP Acting course. Students will continue advanced study in improvisation and acting skills along with theatre games. In addition, students will learn to use their voice and create dialects, participate in directing activities, study acting styles along with Shakespeare for the actor and stage combat. Students will be given the opportunity to perform for the elementary/middle school.

Prerequisite: Completion of Acting I with a "C" or higher

* A Cumulative 3.0 GPA for college credit and tuition is required for college credit

Acting 3 (12) 1 credit

Acting 3 is a great senior elective for those who have invested in Acting 1 and 2. This course is designed to give experienced theatrical performers a chance to use their advanced skills in a variety of performance events and productions which will be rehearsed within the classroom. These performances will serve/benefit the other buildings levels in our school as well as our community. In addition to being active in a show all of the time, students will be given opportunities to hone and perfect advanced theatre training with instruction tied to the Stanislavsky and Meisner technique. While this course is not currently offered for college credit (that may change in the future), students wishing to gain thespian points and honors will have an advantage to do so with the many theatrical opportunities this class offers.

Prerequisite: Completion of Acting I and Acting 2 with a “C” or higher

Practical Arts

In the practical arts classes, students of the Hancock Place School District will acquire a solid foundation, which includes:

- Gathering, analyzing and applying information and skills
- Recognizing and solving problems
- Learning to work cooperatively with others

Innovative Technology (Chromeland Security) (9-12) 1 credit

Students apply problem-solving skills and explore computer maintenance. Students will analyze Chromebook problems, install software updates, and repair damaged Chromebooks. The Network Administration students have three main objectives: support of student’s Chromebooks, support faculty and staff with technology needs, and to pursue independent learning pathways in Web Design, Computer Programming, App Development, Communication, Microsoft Office Industry Certification or A+ Networking Industry Certification. Juniors and seniors have the option to utilize this class as an internship with their instructor’s approval for I.T. II, I.T. III, and I.T. IV.

Prerequisites: None

Journalism (9 -12) 1 credit

In this course students learn how to write in journalistic style, how to compose photographs, and how to create and manage layouts to produce the Hancock Place HS Yearbook (*The Memento*) and Hancock Place HS Newspaper (*The Growler*). Students may also get experience in editorial leadership, selling advertisements, and creating marketing plans.

Prerequisites: None

Marketing

The program of study in Marketing provides students an in-depth, solid understanding and skill development in all marketing functions. Students who complete courses in marketing will be prepared in the following areas:

- Make complex business decisions
- Exhibit leadership skills
- Apply marketing skills across functions or within one function

Marketing I (9-12) 1 credit

Marketing I is a year long course designed for freshmen and sophomores. This course prepares students for Advanced Marketing, Sports and Entertainment Marketing, Fashion Merchandising. Topics covered in the course include: distribution, market

planning, product management, promotions, pricing and selling. Students enrolled in the course will participate in DECA through competitive events and leadership roles.

Prerequisites: None

COE (12) 1 credit

This is a senior level course that allows students to receive 1 credit while gaining valuable work experience. Students work in a variety of business opportunities while applying skills being taught in the classroom. Students are required to hold a job related to marketing throughout the school year. Acceptable employment opportunities include: sales, customer service, cashier, bank teller, receptionist, hostess, warehouse distribution, inventory management, advertising, etc. Students must be an active DECA member, and they must be employed.

Prerequisite: Marketing and teacher approval

Family & Consumer Science

In Family and Consumer Science, Hancock students will acquire a solid foundation which includes:

- Understanding the relationship between proper nutrition and wellness
- Making responsible decisions to promote healthy pregnancy and effective parenting skills
- Reading and carrying out instructions to create a finished product
- Investigating community needs and finding ways to help meet them
- Learning to work cooperatively

Entrepreneurship and Career Explorations (9-12) 1 credit

This practical art course will assist students in acquiring career development/preparation and entrepreneurial skills and performance competencies in the career development/entrepreneurship course taught in family and consumer sciences education programs. Students will be able to construct meaning related to career development/preparation and entrepreneurship, communicate effectively with employers and others related to work, career development/preparation and entrepreneurial information and skills, solve problems related to the development of entrepreneurship skills, and make responsible decisions that impact career development and the establishment of entrepreneurial ventures.

Prerequisites: None

Foods I and II (10-12) 0.5 credit each

Students will be working in group settings within the kitchen laboratory. Students will build concepts in the area of food preparation. Students will prepare and sample foods in a laboratory situation in order to develop culinary skills and techniques. This course addresses the essential question of how individuals can make nutritious food choices and safely prepare high-quality food products, along with gaining understanding of My Plate. Foods II is a second level course that continues to prepare the student for

independent living. Students will be working in group settings within the kitchen laboratory. Basic food preparation skills, the use and care of kitchen equipment, kitchen sanitation and proper food handling techniques will be studied. Students must have successfully passed Foods 1 to continue to Foods 2.

Prerequisites: Foods I is a prerequisite of Foods II or teacher approval

Child Development I & II (10-12) 0.5 credit each

Child Development I & II is a two semester course designed to prepare students for the responsibilities of pregnancy and parenthood. In Child Development I, students investigate parental and neonatal developmental stages through infancy. In Child Development II students will investigate the development of children through preschool. Responsible parenting techniques are examined via a weekend infant simulator project in Child Development I, as well as preschool visits.

Prerequisites: Child Development I is a prerequisite of Child Development II or teacher approval

Health (10-12) 0.5 credit

In family health the student explores the importance of good health and how it can be maintained, with emphasis on nutrition, emotional, and physical health. The prevention of illness and the basic care of the ill will be examined. Optimum care for the elderly, the young child, and individuals with disabilities will be the focus of the course. This course fulfills the state requirement for Health.

Prerequisites: None

Industrial Arts

In Industrial Arts, Hancock students will acquire a solid foundation which includes:

- An understanding of common industrial procedures and practices
- The application of common industrial procedures and practices while appreciating good design and skillful work.
- An awareness of career opportunities and the level at which individuals in the manual trades/occupations affect our economy and the world.
- Developing hand and machine tool skills and concepts in an independent setting safety and efficiently.
- Developing problem-solving and creative abilities involving materials, processes and products of industry.

Industrial Technology (9-12) 1 credit

An exploratory course providing opportunities for students to become oriented in technology and the industrial arts, students will experience three different content areas: woods, electronics and computers. The cost for supplies is \$12.00.

Prerequisites: None

Woods 1 and Woods 2 (Set Design) (9-12) 1 credit

In this course, students will build sets for the musicals and dramas performed at Hancock Place High School. They will also become oriented with construction, set

designs, and using different modes of building complete stages for future productions.

Prerequisites: None

Computer Aided Design (11-12) 1 credit

This course utilizes computers to reinforce drafting and design principles: creating title boxes, orthographic drawings, isometric drawings, and utilizing various line types. Geometry principles will be applied to synthesize drafting with mathematical computations.

Prerequisites: Industrial Tech or teacher approval; Algebra; Geometry may be taken concurrently with teacher approval.

Foreign Language

Foreign language is not a graduation requirement in the state of Missouri, but it is highly recommended for the college bound student as well as any student interested in learning another language. Hancock Place High School students will acquire a solid foundation which includes knowledge of:

- Vocabulary, grammar usage and mechanics, and basic phrases
- Geographic and cultural studies of spanish speaking countries and regions

Spanish I (8-12) 1 credit

This is a full year class that is designed to introduce students to the basics of Spanish speaking, listening, reading and writing. Also, students are exposed to the culture of the Spanish speaking world. We explore these topics through hands-on and group activities, games, music, and technology.

Prerequisites: recommended C or above in English Language Arts

Spanish 2 (9-12) 1 credit

This full year course is a continuation of Spanish I. It is designed to explore more advanced grammar and to improve reading and writing skills; at the same time, continue learning vocabulary and increase speaking skills. We explore these topics through hands on and group activities, games, music, and technology.

Prerequisites: Spanish I and recommended C or above in English Language Arts

Spanish 3 (10-12) 1 credit

This full year course is a continuation of Spanish II. It is designed to deeper explore the culture as well as strengthen skills from the previous years. This class continues to learn new vocabulary and strengthen speaking skills. We explore these topics through individual and group projects.

Prerequisites: Spanish II and teacher approval

Physical Education/Health

In health and physical education, Hancock High School students will acquire a solid foundation which includes knowledge of:

- Structure of functions and relationships among human body systems.
- Principles and practices of physical and mental health (e.g., personal health habits, nutrition, stress management, etc.)
- Principles of movement and physical fitness.
- Methods used to assess health, reduce risk factors, and avoid high-risk behaviors (e.g., violence, tobacco, alcohol, and other drug use, etc.).

Weight Training (9-12) 1 credit

Weight training will teach the student how to improve muscular strength, muscular endurance, body composition, flexibility, and cardiovascular fitness.

Prerequisites: None

Team Sports (9-12) 1 credit

This course is a traditional, introductory level team sports course for the learner who enjoys recreational sports play. The course will cover units such as soccer, fleet football, basketball, wiffle ball, and volleyball, etc. Students will learn game history, rules, as well as introductory skills and techniques. Students will form into teams and participate in games and tournaments with special emphasis on cooperation and teamwork.

Prerequisites: None

Dance Aerobics (9-12) 1 credit

This course is designed to integrate physical fitness with dance for the student who enjoys fitness and dance. Students will learn routines from Wii, and dance aerobics videos. They will also design and create a new routine to teach to the class.

Prerequisites: None

Health (9-12) 0.5 credit

This course will present students with a variety of materials, information and ideas of how to live and maintain a healthy lifestyle. Students will study topics such as nutrition, body systems, wellness, exercise, reproductive health and substance use and abuse. This course fulfills the state requirement for Health.

Prerequisites: None

Non-Departmental Classes

Library Assistant (12) Semester 0.5 credits

Students will learn about the workings of a modern library-media center through this hands-on, half credit semester course (renewable with instructor permission). Daily tasks include: re-shelving library materials in Dewey Decimal order, delivering daily newspapers, maintaining a small section of the library and cleaning. Special assignments may include: inventory, designing bulletin boards, maintaining library website, etc. Grade will be based on: productivity, cooperation, and positive work ethic.

Prerequisites: None

Students as Mentors (SAM) (12) Semester 0.5 credits

This course has been primarily designed and implemented for students participating in the A+ financial incentive grant program from the state of Missouri. The tutoring/mentoring requirement enforces service, community, and academic success. Students as Mentors is a service-experiential program designed to aid students in the middle and elementary schools. Students participating will be expected to commit to serving as tutor/mentor for no less than 50 hours. Training sessions will be an ongoing part of the program. Students will be required to express in writing and content-oriented projects the experiences of the program, as well as evaluate the program.

Prerequisites: Student must meet the A+ minimum requirements of 95% attendance & 2.5 GPA, and must have A+ coordinator approval.

STL CAPS Program (12) 3 elective credits

In partnership with the Affton School District, STL CAPS provides high school seniors across the St. Louis region the opportunity to fast-forward beyond college to test-drive their future in high skill, high-demand professions. Students are immersed in a professional workplace where they perform real-world projects for clients as well as participate in internships and refine employability soft skills. The program strands are informed by the annual State of St. Louis Workforce Report and the curriculum is driven by input from workplace professionals and higher education. Students will participate in an industry internship second semester.

Advanced Professional Studies include: Health-care and Bio science

Prerequisites: PLTW Principles of biomedical science, human body systems, and medical interventions. Applications must be submitted and approved by Affton School District and students must have HPHS teacher and administrative approval.

Apply Online At: <https://stlcaps.yourcapsnetwork.org>

College Credit Options: Missouri Science & Technology, Lindenwood University, and St. Louis Community College

Post-Secondary Endorsements: yourcapsnetwork.org/post-secondary-endorsements/
St. Louis CAPS Course Offerings 2019-20:

Medicine, Health Care, & Bioscience – Locations: Mercy South & SSM St. Clare

Non-Credit Classes

Office Skills (12)

This non credit bearing course is designed for seniors to help with daily tasks in the main office which include: delivering passes/detention slips, making copies, and helping the administration staff when needed. Students will be under the direction of the administrative assistant in the main office.

Math Lab (9-12)

Math lab is a requirement for students currently enrolled in Algebra 1 or Algebra 1B. Students will receive instruction in a smaller setting and the emphasis will focus on personal goals for each student enrolled in the class.

Academic Lab (9-12)

Academic Lab is a title for a class that serves two purposes for students. Juniors and seniors may request an academic lab if they are doing any form of credit recovery, either through an online class for dual enrollment or for credit recovery through Edgenuity. This class is also utilized for students with an individual education plan as it serves students that need extra help in their respective classes per the student's SSD Case Manager.

Prerequisites: Special School District recommendation and School Counselor approval

Section 4 - Vocational and Technical School Programs

Vocational programs provided through Special School District are designed for students interested in hands-on instruction that could lead to a certification and/or and employment opportunity. One option is open to all students and offers a variety of programs in multiple career clusters. A second option is available only to students eligible for special education services through vocational education.

South Technical High School

Who should apply?

- Current 10th grade students who have successfully earned 7.5 credits at the time of application.
- Current 11th grade students who have successfully earned 10 credits at the time of application.
- Students must be enrolled in good standing at HPHS.
- Students who want to get involved in their career interest area before graduation.
- Students who enjoy learning in a real-world, "hands-on" environment.

Why should a student apply to South Tech?

- Opportunity to earn college credit through articulation agreements
- Opportunity to acquire state license and/or certification while in high school
- Opportunity to begin a career right after high school graduation
- Opportunity to earn technical and industrial certificates
- Opportunity to investigate your career interest prior to college

Important note:

Admission to South Tech High School is based on three components:

- Completion of the required credits
- Attendance
- Discipline Record

Students will be interviewed by the admissions representative prior to getting accepted in a specific program. Transportation is provided for students, as they will be attending HPHS for their four core classes and South Tech High School for their remaining electives. For more information, please contact the South Tech Admission Representative at 314-989-7450.

Community Based Vocational Instruction (CBVI)

Students must be receiving service through Special School District (SSD) and must meet specific criteria provided by SSD to be eligible for this program. Please contact your student's case manager for more information.

Section 5 - Online Programs for General Education

Edgenuity Platform

Students may access online classes for credit recovery through the Edgenuity educational program. A catalog of courses offered through this program may be found in the counseling office. Please see the school counselor for more information.

Dual Enrollment Online Coursework

Partnered with a post secondary institution, students may choose online classes for high school credit. Students are encouraged to meet with the school counselor for more information. Please visit the websites below for general information and courses available:

St. Louis Community College

<https://www.stlcc.edu/admissions/apply-to-stlcc/dual-enrollment.aspx>

UMSL

<http://umsl.edu/kickstart/>

SEMO

<https://semo.edu/sfs/dualcredit.html>