

Program of Studies



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HPS Vision, Mission, Guiding Principles, and Theory of Action



"Every student and every school thrives"

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Introduction

Students will thrive when teaching and learning is responsive to their individual interests, strengths, needs, learning styles, cultures, backgrounds, and aspirations. By understanding each student as an individual, we can provide the skills, knowledge, confidence, voice, and social emotional support that each individual student needs for self-agency and to achieve, contribute, and ultimately succeed as an adult in transforming her or his world.

Credit Requirements for Promotion

Hartford Public Schools requires high school students to successfully complete a minimum number of distributed credits before they can graduate. To ensure a logical progression toward graduation, schools shall determine grade level promotion and/or grade level identification using the following criteria. **This applies to students in the class of 2020 and later.**

1. In order to be considered a Sophomore/10th grader:

- Students must have successfully completed 6 credits.
- Credits must include: 1 in Mathematics, 1 in English.

2. In order to be considered a Junior/11th grader:

- Students must have successfully completed 12 credits.
- Credits must include 2 in Mathematics, 2 in English, 1 in Science, and 1 in Social Studies/History.

3. In order to be considered a senior/12th grader:

- Student must successfully have completed 18 credits.
- These credits must include 3 in Mathematics, 3 in English, 2 in Science, 2 in Social Studies/History, 1 in World Language, 1 in Physical Education, and 1 in Career & Life Skills.

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Credit Requirements for Graduation

CURRENT Minimum Graduation Requirements for Classes 2015-2020		
Required Courses* (Students will be required to take four years of Mathematics)		
Area	Credits	Requirements
English	4 Credits	English I & II; Literature & Composition I & II
Math*	3 Credits	Including Algebra I, Geometry, Algebra II
Science	3 Credits	Including Biology, Chemistry Lab
History	3 Credits	Including 1.0 U.S. History, 1.0 International Studies 0.5 Civics, 0.5 Geography
Visual and Performing Arts	2 Credits	
World Language	2 Credits	
Physical Education	1.5 Credit	
Health, Nutrition, & Wellness	0.5 Credit	
School Thematic Courses	4.0 Credits	
Capstone Experience	1 Credit	
Total Credits Required		24 Credits

Minimum Graduation Requirements Starting with the Class of 2021		
Required Courses*		
Humanities (11.0 Credits)		
Area	Credits	Requirements
English	4 Credits	2.0 English I & II; 2.0 Literature & Composition I & II
Social Studies	3 Credits	1.0 American History; 0.5 Civics and American Government; 1.0 World History or International Studies; 0.5 Social Studies Elective
World Language	2 Credits	2.0 World Language
Fine Arts	1 Credit	1.0 Fine Arts Elective
Humanities	1 Credit	1.0 Humanities Elective
STEM Courses (8 Credits)		
Area	Credits	Requirements
Math	4 Credits	1.0 Algebra I; 1.0 Geometry; 1.0 Algebra II or Probability & Statistics; and 1.0 Math Elective
Science	3 Credits	1.0 Biology with Lab; 1.0 Chemistry with Lab; 1.0 Science Elective
STEM	1 Credit	1.0 STEM Elective
Career and Life Skills (3.5 Credits)		
Area	Credits	Requirements
Physical Education	1 Credit	1.0 Physical Education
Health/Safety	0.5 Credit	0.5 Health and Safety Education
Career & Life Skills	2 Credits	2.0 Career & Life Skills Elective
Additional Requirements (2.5 Credits)		
Area	Credits	Requirements
Course Electives	1.5 Credits	1.5 School Thematic Courses or Open Electives
Capstone	1 Credit	1.0 Capstone Senior Demonstration or Equivalent
Total Credits Required		25 Credits

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Capstone Experience

(1 credit, required) The purpose of the Capstone Experience is to provide all high school seniors the opportunity to apply the accumulative knowledge and skills they have developed to complete a project, portfolio, internship, service learning or other demonstration project in an area of particular interest to the student. (See HPS BOE Policy 6140)

Non-credit Bearing Courses

Some courses that have been awarded credit in the past will no longer be credit bearing.

Science lab courses, by default, include the lab portion as a part of the course; thus, the content and lab earn one (1) credit total. The science labs below are intended for placeholders in schedules to avail students of lab time, should the lab time not occur during the regular science block. The science lab is non-credit bearing. In the examples of other content labs noted below, the Office of Academics, Teaching & Learning, and Student Supports will communicate guidance on using those labs for remedial instruction.

The following courses will appear in the course catalog but do not earn credit:

- Advisory
- Algebra I Lab
- Algebra II Lab
- Biology Lab
- Chemistry Lab
- College & Career Counseling
- English Lab
- Physics Lab
- Study Lab
- World Language Lab

State Mandated Assessments

Students will meet any participation and proficiency requirements specified by the State Department of Education for mandated assessments.

- Students are required to pass the following end of year examinations: Algebra I, Geometry, Biology, American History, and Grade 10 English (English II).
- Students who have received a failing score, as determined by the Commissioner of Education, on an end of year exam will be allowed to take an alternate form of the exam.
- CAPT (Connecticut Academic Performance Test) Science serves as the statewide science assessment program required by state and federal legislation. All Grade 10 students enrolled in a public school must participate, with Grade 11 and 12 students eligible to participate if they have not previously achieved the Goal level or above on the test.

Grading

The district and school provide consistent, fair, objective and meaningful system to communicate the academic profile of student(s) to families and other approved institutions. Report cards combined with scheduled parent-teacher conferences, and other forms of communication promote a process of continuous evaluation of student performance and communication regarding student achievement. Achievement is defined as performance measured against Common Core State Standards (adopted by CT State Dept. of Ed July 2010) and other national and state standards and student learning outcomes. This will provide students, teachers and parents with a clear understanding of what students are expected to learn. Achievement of the standards will be the measure in the process of evaluating student performance. (See HPS BOE Policy 6146)

Student academic achievement will be evaluated, recorded and reported each marking period. Students, parents/guardians and appropriate school personnel will be informed of the student's progress.

The 4-point model is the approved configuration for grading.

4-point numeric system

A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F	I
4.0	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7	0	0
100-97	96-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-67	66-63	62-60	59-50*	I

*The use of the minimum 50 as an F grade is for all marking periods except the final marking period. The mid-term exam and final exam are the earned grade. The final marking period shall use the earned grade (e.g. 35%) in calculation of the final course grade. This includes semester or other length courses; the final marking period shall be the earned grade. All individual assignments shall be the earned grade.

Weighting

Courses are available for students at three levels of academic challenge. Students are encouraged to strive for academic excellence. A system of grade weighting recognizes the differences in student achievement. Grade weighting encourages and rewards students for selecting courses at more challenging levels of difficulty. A grade weighting system shall be implemented for the high schools in accordance with the guidelines set forth and published annually in the parent/student handbook. Each marking period a student will receive a letter grade (A-F). The letter grade communicates the level of achievement of current content standards. This grade along with the course "weight" is used to determine the student's Grade Point Average (GPA). At the end of the school year, a final GPA is computed from the final grade point average of each course.

	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F	I
*AP/ECE/DE (1.0)	5.00	5.00	4.70	4.30	4.00	3.70	3.30	3.00	2.70	2.30	2.00	1.70	0.00	I
Honors (.5)	4.50	4.50	4.20	3.80	3.50	3.20	2.80	2.50	2.20	1.80	1.50	1.20	0.00	I
College Prep (no weight)	4.0	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7	0	I

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*Advanced Placement/Early College Experience/ Dual Enrollment

Un-weighted Scale

	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F	I
Un-weighted	4.0	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7	0.0	I

Note: The weighted scale is calculated by applying the following “Added Values” to the unweighted grade depending on the rigor of the course:

Course Rigor	Added Value
AP/ECE/Dual Enrollment	1.00
Honors	0.50

Incomplete (I)

A grade of incomplete is a record of work that was interrupted by unavoidable absence or other causes beyond a student's control, which work was passing at the time it was interrupted and the completion of which does not require the student to repeat the course in order to obtain credit.

The incomplete grade is not to be used as a substitute for a failing grade. The incomplete may also be used to delay the awarding of a grade in courses (e.g., mastery courses and independent study) the completion of which was interrupted.

For any incomplete given, a course completion plan must be developed and agreed upon by the student and the principal.

GPA Calculation

A system of calculating grade point average (GPA) is in place for the high schools and shall be included with all student transcripts sent to higher education institutions.

The GPA calculation is performed through PowerSchool. Refer to HPS BOE R-6146 for additional information.

Class Rank

- Thematic awards are granted to students who have earned a B or better in two college-level courses, whether an Advanced Placement or Early College Education course, or at Capital or Trinity. They have also maintained a cumulative 4.0 GPA through the seventh semester of their high school career.
- Any disciplinary issue dealing with academic honesty will disqualify a student. (Including but not limited to cheating and/or plagiarism.)
- No thematic award will be given to a student if they receive any major discipline in junior or senior year that results in two or more days of Out of School Suspension.
- To qualify a student must have earned their final sixteen (16) credits in the Hartford Public Schools at time of graduation and a minimum of two (2) years at the high school from which s/he is graduating. All grades earned in all subjects, both required and elective, shall count in determining the final average.

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Guidelines for Honor Roll

High Honors: 4.0 and above of the weighted GPA

Honors: 3.0-3.9 of the weighted GPA

(See HPS BOE Policy 6140)

Initial Course Crediting

Initial course crediting must follow Board of Education policy and regulations for crediting of courses. Products or programs designed for credit recovery cannot be used for granting of initial course credit. This stipulation does not prohibit use of online learning, per board policy, to earn initial credit. No more than four (4) initial credits earned in courses required for graduation are earned through online learning.

Credit Recovery

Credit recovery is available to students who have failed a class with a final grade of F (0% - 59%). Credit recovery is designed to assist students who have not successfully completed a previously attempted course. Credit recovery will not be permitted for initial credit. Student participation will require an attendance rate of 70% or higher in the course(s) that is being recovered. The final grade earned in a credit recovery course will be calculated in the student's GPA but will not replace the previously failed grade. Credit recovery courses are designated in the transcript course code with a Q as "Course Type" code.

All credit recovery course content must align with HPS approved curriculum. The method of instruction will be determined by the student's high school based on available resources and may include, but are not limited to, use of an online, computer-based program, the CT Virtual School, blended learning models, direct instruction by a highly-qualified teacher or other instructional delivery systems. Consideration of extenuating circumstances for student participation on credit recovery will be at the discretion of the district. No more than four (4) credits earned in courses required for graduation are earned through online learning.

Repeating Courses

Students who have failed a graduation requirement course with a final grade of F (0% - 59%) and credit recovery is not an option, shall repeat the course. With successful completion (at least a 60%), the student will receive credit for repeating the course. All the requirements of the course must be met and a grade will be recorded. The final grade earned in a repeated course shall be calculated in the student's GPA but shall not replace the previous course grade.

Students who repeat a course for which credit has already been earned may do so but will not receive credit for taking the same course. All the requirements of the course must be met and a grade will be recorded. The final grade earned in a repeated course shall be calculated in the student's GPA but shall not replace the previously credited course grade.

HMTCA Schedule

The schedule for HMTCA high school students is different from that of students in the 6th through 8th grades. HMTCA high school students will typically take six core academic courses and four elective courses. Sample Schedule:

Semester 1		Semester 2	
Algebra I	Elective 2	Algebra I	Elective 2
Integrated Science		Spanish II	
Elective 1	Chorus	Elective 1	Chorus
English I		World History	

Core classes no longer rotate as they do in grades 6-8. Instead, students may take three to four core classes in each semester. In the example above, the student would have English, Science and Math for the first semester and History, Spanish, and Math in the second semester. Algebra is now a yearlong course, which is why the student would have it both semesters.

Elective classes will be scheduled on alternate days each semester. In the first semester, on the first day the student would have Elective 1. On the next day they would have Elective 2. Then back to Elective 1 the next day. This would continue until the end of the semester.

Class Change Procedure (Withdrawal)

Changes after the 5th day of each semester are not permitted. Unique or extenuating circumstances that require a change in program will be considered on an individual basis and must have the written approval of the Principal (e.g. changing a student from a college prep course to the honors level of the course). Any withdrawals after the designated time period will result the following coding on the transcript:

- If the student was passing the course at the time of withdrawal, the transcript shall include the code of W.
- If the student was not passing the course at the time of withdrawal, the transcript shall include the code of WF. Additionally, a WF disqualifies a student from crediting through mastery and credit recovery. If the course is a graduation requirement course, the course must be repeated.

Student Success Plans

State mandated Student Success Plans will be developed in Grade 6 and continued through Grade 12 to provide in-depth support in the process of assisting students in goals for academic growth, career exploration and planning, and personal/social/emotional growth.

Access to College and Career Readiness Opportunities

HMTCA offers opportunities for students to earn college credits through Advanced Placement courses, ECE (Early College Experience), Capital Community College and/or through articulation agreements that allow students to take courses at Trinity College.

Credit or part of a credit earned at an institution accredited by the Board of Regents for Higher Education or State Board of Education or regionally accredited as stipulated in subsection (g) of section 10-221a of the general statutes (Effective July 1, 2010) that defines a three-credit semester course, or its equivalent, at such institution equal to one-half credit toward high school graduation.

Advanced Placement (AP)

Advanced Placement (AP) is a program in the United States created by the College Board which offers college-level curricula and examinations to high school students. American colleges and universities may grant placement and course credit to students who obtain high scores on the examinations.

Dual Enrollment (DE)

Dual Enrollment (DE) refers to students being enrolled—concurrently—in high school and college courses. High school students who meet the criteria of the college/university and successfully complete will the college level course will be issued a college transcript upon request. In addition, HPS will award DE credit based on the HPS grading policy (please see HPS BOE Policy 6146)

Early College Experience (ECE)

Early College Experience (ECE) is a concurrent enrollment program that allows motivated high school students to take college courses at their high schools for both high school and college credit. Students benefit by taking college courses in a setting that is both familiar and conducive to learning. High school instructors who have been certified through university or college credentialing process serve as adjunct faculty members and teach ECE courses.

Mastery-based Learning

Credit or part of a credit toward high school graduation will be granted for the following for classes 2020 and beyond:

- Through the demonstration of course mastery based on competency and performance standards,
- Through the successful completion of any course in grades seven or eight that corresponds directly to the subject matter of a specified course requirement in grades nine to twelve and the student has demonstrated mastery on the corresponding high school level end-of-course assessment,
- Through successful completion of a world language course in grades six, seven, or eight through online coursework or coursework completed privately through a nonprofit provider, and the student has demonstrated a passing grade on an examination prescribed by the Commissioner of Education for which up to four credits may be awarded, and/or
- Through achievement of a passing grade on a subject proficiency examination identified and approved by the Commissioner of Education.

Service Learning

Credit or part of a credit toward high school graduation will be granted for the following for classes 2021 and beyond:

- Through the completion of not less than fifty hours of actual service performed outside of the regular school day in connection with a planned community service learning project supervised by a certified school administrator or teacher and supplemented by *not less than ten hours of*

related classroom instruction, for which 0.5 elective credit may be awarded. In Hartford Public Schools, a student may only participate in this option once.

NCAA Guidelines for the College-Bound Athlete

NCAA guidelines for the college-bound student athlete are available in the School Counseling Office.

Curricular Support for Diverse Populations

All graduation requirement (or equivalent) courses will include clearly defined learning objectives aligned with Common Core and/or State Standards (when applicable). Adequate student supports and remedial services will be targeted to the individual needs of students. Such student support and remedial services provide alternate means for a student to complete any of the high school graduation requirements or end of year course examinations.

Special Education students may meet these requirements through modifications and adaptations as prescribed in the student Individualized Education Plan.

English Learners who enter a Hartford High School and will have enrolled in U.S. school(s) totaling 10 months or more by their intended date of graduation will be expected to achieve HPS graduation requirements.

English Learners who enter a Hartford High School in their senior year and who will have enrolled in U.S. school(s) totaling fewer than 10 months by their intended date of graduation will be referred to an ELL Review Team in order to determine individual expectations for demonstrating performance standards for graduation.

School Choice

Hartford Public Schools is part of an all-choice system of schools so you are able to select from a wide variety of school options, models and themes that best fit the interest and learning style of your child.

The most important thing to understand about school choice in Hartford is that all the participating schools are tuition free public schools with open enrollment.

We offer several types of school options for families:

- [Magnet schools](#)
- [District schools](#)
- [Charter schools](#)
- [Open choice schools](#)

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Courses Offered at HMTCA

ENGLISH

English I
English I H
English II
English II H
Literature and Composition I
Literature and Composition II
AP English Language and Composition
AP Literature and Composition
Women in Literature
College Writing
Creative Writing
Introduction to Poetry

MATHEMATICS

Algebra I
Geometry & Data
Honors Geometry & Data
Algebra II
Honors Algebra II
Consumer Math
Pre-Calculus
Honors Pre-Calculus
Trigonometry/Discrete Math
Calculus
Probability and Statistics
AP Computer Science Principles for Mobile Apps

SCIENCE

Integrated Science
Honors Integrated Science
Biology
Honors Biology
Chemistry
Honors Chemistry
Beekeeping
Forensic Science
Marine Science
Botany
Physics
Anatomy & Physiology
Environmental Science (ECE)

General Chemistry I (ECE)
General Chemistry II (ECE)

HISTORY/SOCIAL SCIENCE

U.S. History/American History
AP United States History
20th Century World History
Foundations of Government
Geography
AP World History
AP US Government and Politics
Human Rights
Sports in Media
Current Issues
Psychology
Sociology

WORLD LANGUAGE

Spanish I
Spanish II
Spanish II Honors
Spanish III
Spanish III Honors
Spanish IV
Spanish IV Honors
Mandarin/Chinese I
Mandarin/Chinese II
Mandarin/Chinese III

PHYSICAL EDUCATION/ HEALTH & NUTRITION

Physical Education
Aquatics
Health & Safety
Lifeguard Training
Weight Training
Dance I
Dance II

VISUAL AND PERFORMING ARTS/FINE ARTS

3D Modeling
Theater: Tech Theater
Theater I
Theater II
Foundation of Arts

Drawing I
Drawing II
Painting I
Painting II
Ceramics and Sculpture I
Ceramics and Sculpture II
AP Studio Art 2D
Graphic Design I
Graphic Design II
Production and Design
Publication Design
Chamber Choir
Symphonic Orchestra
Symphonic Band
Jazz Band
Guitar I
Guitar II

SCHOOL THEMATIC/STEM

Animation and Robotics I
Animation and Robotics II
Introduction to App Inventor
Exploring Computer Science
Introduction to Digital Video & Media
Music Technology
PLTW: Intro to Engineering Design

SCHOOL THEMATIC/ CAREER & LIFE SKILLS

Public Speaking
Personal Finance
Career Exploration
Resource

CAPSTONE

VIRTUAL HIGH SCHOOL
HSPP: CAPITAL
COMMUNITY COLLEGE
TRINITY COLLEGE
UCONN EARLY COLLEGE
EXPERIENCE (ECE)

Core Course Offerings

Suggested Core Course Sequences

Subject	Grade 9	Grade 10	Grade 11	Grade 12
English	English I	English II	Literature & Composition I	Literature & Composition II
	English I Honors	English II Honors	AP Language and Composition	AP Literature and Composition
Fine Arts	See course descriptions below			
Mathematics	Algebra I	Algebra II	Geometry & Data	Probability & Statistics Trigonometry
		Algebra II Honors	Honors Geometry & Data	Calculus AP Computer Science Principles Pre-Calculus Honors AP Stats
Social Studies	World History	Foundations of Government Geography AP Gov't	U.S. History AP U.S. History	Social Studies
Science	Integrated Science	Biology	Chemistry	Physics ECE Environmental ECE Chemistry Forensics Anatomy Botany Beekeeping
	Integrated Science Honors	Biology Honors	Chemistry Honors	
World Language	Level I	Level II	Level III	Level IV
Wellness	Physical Education and/or Health & Safety	Physical Education and/or Health & Safety	Physical Education and/or Health & Safety	Physical Education and/or Health & Safety

English

Overview

The Department of English Language Arts embraces a standards-based curriculum that reflects a balance between literacy skills and analysis of literary works. Our program is grounded in the concept of learning progressions in order to build mastery in reading, writing, speaking and listening. HPS English Language Arts courses utilize technology to facilitate inquiry and exploration of real world issues in literary and informational texts.

Grade 9	Grade 10	Grade 11	Grade 12
English I	English II	Literature & Composition I	Literature & Composition II
English I H	English II H	AP Language & Composition	AP Literature & Composition

Course Code	Course Title	9	10	11	12
EN001CRDX	English I	x			
English I is designed to develop skills in reading, writing, speaking, listening, and language. It builds upon prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing. It includes the study of various genres of literature and informational texts which will be linked to writing assignments.					

Course Code	Course Title	9	10	11	12
EN001HRDX	English I H	x			
English I H is for students who wish to pursue an enriched English program. It focuses on reading, writing, speaking, listening, and language. It builds upon prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing. An intensive study of literary and informational genres will also be addressed. Writing will be linked to the reading selections.					

Course Code	Course Title	9	10	11	12
EN002CRDX	English II		x		
English II offers a balanced focus on composition, literature, and informational texts. Students have opportunities to write argumentative, informational, and narrative essays and compositions. Through the study of literature and informational texts, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme. Speaking and listening skills continue to be developed.					

Course Code	Course Title	9	10	11	12
EN002HRDX	English II H		x		
English II H challenges students who have demonstrated interest and ability in enriched English work. Intensive study and in-depth analysis of literature and informational texts are provided, as are opportunities for speaking and listening. Students will have multiple opportunities to write argumentative, informational, and narrative multi-paragraph essays and compositions. Students will continue to develop the skills to determine the author's intent and theme and recognize the techniques used by the author to deliver his or her message.					

Course Code	Course Title	9	10	11	12
EN003CRDX	Literature & Composition I			x	
Literature & Composition I is designed to enable students to understand and appreciate literary works of various genres and informational text, with an emphasis on reading strategies, text analysis and language study. This course continues to develop writing, speaking and listening skills in order to prepare students for college or career. Students will write argumentative, informational, and narrative essays. Literary conventions and stylistic devices receive greater emphasis than in previous course.					

Course Code	Course Title	9	10	11	12
EN004CRDX	Literature & Composition II				x
Literature & Composition II is designed to help students develop and strengthen communication and interpretation skills necessary to perform well in college or career. Students will continue reading literature and informational texts and writing argumentative, informational, and narrative essays. Literary conventions and stylistic devices receive greater emphasis than in previous courses. Speaking and listening skills continue to be developed.					

Course Code	Course Title	9	10	11	12
EN005ARDX	AP Language & Composition			x	
AP English Language and Composition is designed for students who wish to take a course at a college-level rigor. The course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.					

Course Code	Course Title	9	10	11	12
EN006ARDX	AP Literature & Composition				x
AP Literature & Composition is designed for students who desire to take a course at a college-level rigor. The course involves intensive critical analysis of college-level works of literature for mature readers. Timed writings, essay writing, critiques, and critical analysis papers will form the writing component of this course.					

Course Code	Course Title	9	10	11	12
EN009CDRX	College Writing	Varies			
This course provides students with the opportunity to develop essential college-readiness skills in writing. Students will explore writing through the various genres: argumentative, analysis, expository and compare/contrast while refining their skills through the writing process. Students will respond orally and in writing to both fiction and non-fiction text.					

Course Code	Course Title	9	10	11	12
EN012CRDX	Creative Writing	Varies			
Students will explore a variety of written expression including short story, poetry, essay, creative non-fiction memoir, song lyrics, and stage and screenplays. Students read, analyze and practice each form. Content and subject matter of assignments may come from writing prompts or from the student's own imagination.					

"Every student and every school thrives"

Course Code	Course Title	9	10	11	12
EN023CRDX	Poetry	Varies			
<p>This course will assist students in the understanding of both the craft and the art of poetry; how poems are developed and why they are valuable. Text will range from the lyrics of Sappho, to the odes of Pablo Neruda, to the newest work of contemporary U.S. poets. A central focus in the class will be defining poetry and the myriad forms that poetry can take. Students can expect, therefore, to gain not only a knowledge of the nature, history, and variety of poetry but also greater skill, insight, and pleasure as readers, writers, and thinkers. A major highlight of this course is attending the Geraldine R. Dodge Poetry Festival, the largest poetry festival in North America. Additional highlights of the course are the opportunity to submit work to literary publications, participate in Poetry Out Loud and the Youth National Poetry Slam competition.</p>					

Course Code	Course Title	9	10	11	12
EN024CRBX	Women in Literature	Varies			
<p>Students will investigate women as authors, characters, and absences in literatures of the United States. Readings explore literary expressions from a range of cultural communities and periods of time in the U.S. Students write both formal and informal responses to the readings, and have the option of completing creative projects for credit.</p>					

Fine Arts

Overview

The Arts Department believes that arts are academic subjects promoting joy and engagement through rigorous and meaningful learning experiences. With curriculum that is based on the National Core Arts Standards, students are creating, responding, performing/presenting, and making connections in and through the arts disciplines. With regular practice, students develop self-discipline as well as expertise in key concepts, knowledge, and skills intrinsic to the art form and relevant across disciplines. Because the arts provide opportunities for creativity and self-expression, students find their voice, gain self-esteem, and discover self-efficacy. The collaboration required by arts disciplines promotes respect, positive relationships and understanding of various perspectives. In essence, the arts both build community and fosters cultural understanding

Course Code	Course Title	9	10	11	12
VA022CRBX	Visual Art: Ceramics & Sculpture I	varies			
<p>Ceramics course provides students with a foundation in the history of ceramics, with an emphasis on critique, aesthetic inquiry, and creative production. This course provides knowledge of ceramic techniques (e.g., kiln firing and glazing) and processes, with a focus on creative design and craftsmanship. Course may include clay modeling, hand building, coil building, casting, and throwing on the potter's wheel.</p>					

Course Code	Course Title	9	10	11	12
VA023CRBX	Visual Art: Ceramics & Sculpture II	varies			

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With an emphasis on studio production and craftsmanship, this course is designed to develop higher-level thinking, art-related technology and vocabulary skills, art criticism, art history, and aesthetics. The studio focused experience will improve the way students express their opinions and create awareness, improving vocabulary skills and creating a foundation for students to discuss and evaluate their own work and the work of others.

Course Code	Course Title	9	10	11	12
VA003CRBX	Visual Art: Drawing I	varies			
This course provides a foundation in drawing using a variety of media and techniques, emphasizing observation and interpretation of the visual environment. This course includes applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process.					

Course Code	Course Title	9	10	11	12
VA004CRBX	Visual Art: Drawing II	varies			
This course continues the development of skills, concepts and techniques learned in Drawing I. There will be less focus on the introduction of drawing materials and more emphasis on personal choice of materials within a students work. Throughout the course, criticism and relevant art history information will be addressed.					

Course Code	Course Title	9	10	11	12
VA024CRBX	Visual Art: Foundations of Art	varies			
This course enables students to explore one or several art forms (e.g., drawing, painting, two- and three-dimensional design, and sculpture) and to create individual works of art. The course emphasizes observations, interpretation of the visual environment, visual communication, imagination, and symbolism. The course covers the language, materials, media, and processes of art forms and the design elements used.					

Course Code	Course Title	9	10	11	12
VA031CRBX	Visual Art: Graphic Design I	varies			
Graphic Design course introduces the interaction of text and image and the fundamental components of graphic communication. Students will develop and hone skills in working with text and image as they create solutions to a series of design problems.					

Course Code	Course Title	9	10	11	12
VA032CRBX	Visual Art: Graphic Design II	varies			
Building upon the principles learned in Graphic Design I, Graphic Design II focuses on building a deeper understanding of implementing graphic design and digital photography as forms of visual communication. Students will be responsible for developing guided independent design projects in anticipation of pursuing work-study. Topics from Graphic Design I such as, visual identity and communication, thematic structure and research, creative problem solving, and basic design practices will still be pursued with more rigorous professional standards.					

Course Code	Course Title	9	10	11	12
VA033CRBX	Painting I	varies			
This course is designed to acquaint students with the knowledge of how to express visual ideas with various painting media such as Acrylic, watercolor, and other water-soluble media. Students will be					

asked to create visual works of art using the fore mentioned media as it relates to specific visual problems concerning composition, subject matter and style. Throughout the course, criticism and relevant art history information will be addressed.

Course Code	Course Title	9	10	11	12
VA034CRBX	Painting II	varies			
<p>This course continues the development of skills, concepts and techniques learning in Painting I. Unlike Painting I this course will be more concerned with developing a personal style and will require students to write about their work as an extension of expressing their ideas and thoughts. Since Painting II is an extension of Painting I there will be less focus on the introduction of painting materials and more emphasis on personal choice of materials within a students work. Students will also be introduced to varying forms of “mix media” and how that pertains to the visual language of painting. Throughout the course, criticism, and relevant art history information will be addressed.</p>					

Course Code	Course Title	9	10	11	12
PA151CRBX	Theater: Tech Theater	varies			
<p>Scenic Design course provides students with experience and skill in one or more aspects of theatrical production, such as lighting, set construction, stage management, and the use of computer applications to support these functions. This course is introductory in nature, exposing students to different types of techniques and traditions.</p>					

Course Code	Course Title	9	10	11	12
PA125CRBX	Theater: Acting I	varies			
<p>Acting course provides students with experience and skill development in one or more aspects of theatrical production, by allowing them to concentrate on acting and performance skills. This introductory course explores fundamentals and exposes students to different types of theatrical craft and traditions.</p>					

Course Code	Course Title	9	10	11	12
PA153CRBX	Theater II	varies			
<p>Theater II is a challenging course intended for students who have met the prerequisites of Theater I. provides an overview of the art, conventions, and history of the theater. The course emphasizes learning about theater rather than performance. Course topics include one or more of the following: basic techniques in acting, major developments in dramatic literature, major playwrights, the evolution of theater as a cultural tradition, and critical appreciation of the art.</p>					

Course Code	Course Title	9	10	11	12
PA079CRBX	Music: Guitar	varies			
<p>Guitar course provides students an introduction to and refine the fundamentals of music and guitar-playing techniques, such as strumming and chords, and then offer instruction in more advanced techniques. Formal and informal performances are typically included.</p>					

Course Code	Course Title	9	10	11	12
PA090CRBX	Music: Music Technology	varies			
Music Technology course emphasizes current technology as a means to create, record, mix, and otherwise interact with music and music media. This course focuses on experimenting with electronic music technology as part of the process for creating music.					

Course Code	Course Title	9	10	11	12
CA040CRBX	3D Modeling	varies			
This course introduces students to concepts and methods used by designers to use form and space in a visually appealing way. Students will develop and express original ideas using a variety of materials and techniques, explore art history and culture, design theory, and analyze artwork via discussion and critique.					

Course Code	Course Title	9	10	11	12
PA077CRDX	Music: Chamber Choir	varies			
Chorus course develops students' vocal skills within the context of a large choral ensemble in which they can perform a variety of styles. This course is designed to develop students' vocal techniques and their ability to sing parts.					

Course Code	Course Title	9	10	11	12
VA037CRBX	Production and Design	varies			
This course helps students apply artistic and computer techniques to the interpretation of technical and commercial concepts. Topics covered may include computer assisted art and design, printmaking, concept sketching, technical drawing, color theory, imaging, studio techniques, and digital imaging.					

Course Code	Credit	Course Title	9	10	11	12
PA098CRDX	1.0	Music: Symphonic Band	varies			
Band Course provides a unique opportunity for students to participate actively and experience instrumental music as a member of an ensemble. Students will practice and perform a variety of musical genres and be able to refine music, both individually and as a group, in preparation for classroom and public performance. Students will be given multiple opportunities to reflect on their instrumental practice while identifying areas of personal strength and growth. Band students will demonstrate, through performance, an awareness of technical and expressive qualities as appropriate to their experience level.						

Course Code	Credit	Course Title	9	10	11	12
VA031CRBX	.5	Visual Art: Graphic Design I	varies			
Graphic Design course introduces the interaction of text and image and the fundamental components of graphic communication. Students will develop and hone skills in working with text and image as they create solutions to a series of design problems.						

Mathematics

Overview

The Hartford Public Schools Mathematics Curriculum, aligned to [Common Core Mathematics Standards](#), is grounded in four key areas: high expectations for all learners, inquiry and conjecture, reasoning and sense making, and student discourse. The progressions of mathematical skills, knowledge, and understanding are articulated in our curriculum documents. Our curriculum puts emphasis on conceptual understanding as deep understanding of mathematical concepts is the foundation for procedural fluency and application. Students move through concrete, pictorial, and abstract understandings of skills and concepts based upon individual learning needs as well as developmentally appropriate expectations.

Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
7 Mathematics Honors	8 Algebra I Honors	Algebra II	Geometry & Data	AP Statistics	
				AP Computer Science Principles	
				Probability & Statistics	
				Pre-Calculus Honors	Calculus
7 Mathematics	8 Mathematics	Algebra I	Algebra II	Geometry & Data	AP Statistics AP Computer Science Principles Pre-Calculus Honors Probability & Statistics

Course Code	Course Title	9	10	11	12
MA001CRDX	Algebra I	x			
<p>Students develop fluency writing, interpreting, and translating between various forms of linear equations and inequalities to solve problems. Students learn function notation and explore many examples of functions, including sequences. They interpret functions given graphically, numerically, symbolically, and verbally, translate between representations, and understand the limitations of various representations. Students compare and contrast linear and exponential functions, distinguishing between additive and multiplicative change. Students extend the laws of exponents to rational exponents. They create and solve equations, inequalities, and systems of equations involving linear, quadratic and exponential expressions. Students consider quadratic functions, comparing the key characteristics of quadratic functions to those of linear and exponential functions. They select from among these functions to model phenomena.</p>					

Course Code	Course Title	9	10	11	12
MA002CRDX	Algebra I Lab	x			
Algebra I Lab is an intervention class designed to be taken concurrently with Algebra I. The class meets two to five times a week and provides more targeted services and interventions to help students successfully master the content in their Algebra I course.					

Course Code	Course Title	9	10	11	12
MA003CRDX	Geometry		x	x	
Students establish triangle congruence criteria, based on analyses of rigid motions and formal constructions. They use triangle congruence as a familiar foundation for the development of formal proof. Students identify criteria for similarity of triangles, use similarity to solve problems, and apply similarity in right triangles to understand right triangle trigonometry, with particular attention to special right triangles and the Pythagorean Theorem. Students develop the Laws of Sines and Cosines in order to find missing measures of general triangles, building on students' work with quadratic equations. Students continue their study of quadratics by connecting the geometric and algebraic definitions of the parabola. Students prove basic theorems about circles, such as a tangent line is perpendicular to a radius, inscribed angle theorem, and theorems about chords, secants, and tangents dealing with segment lengths and angle measures. In the Cartesian coordinate system, students use the distance formula to write the equation of a circle when given the radius and the coordinates of its center. Given an equation of a circle, they draw the graph in the coordinate plane, and apply techniques for solving quadratic equations to determine intersections between lines and circles or parabolas and between two circles.					

Course Code	Course Title	9	10	11	12
MA003CRDX	Geometry Honors		x	x	
The Geometry course provides students with a comprehensive geometry course, which covers all the topics required to meet local and national testing and curriculum guidelines. The textbook used reinforces material from previous math courses and prepares students for future math study. Numerous examples throughout the course incorporate reasoning and problem solving – allowing students to see how skills apply to real world everyday situations. Major areas of study include inductive reasoning and proof, relationships found with parallel and perpendicular lines, congruent and similar triangles, relationships within triangles, right triangle geometry, quadrilaterals, transformations, area, surface area and volume of geometric shapes and solids, and the study of circles.					

Course Code	Course Title	9	10	11	12
MA004CRDX	Algebra II	x	x		
Students draw on analogies between polynomial arithmetic and base-ten computation, focusing on properties of operations, particularly the distributive property. Students connect multiplication of polynomials with multiplication of multi-digit integers, and division of polynomials with long division of integers. Students identify zeros of polynomials, including complex zeros of quadratic polynomials, and make connections between zeros of polynomials and solutions of polynomial equations. Students discover the arithmetic of rational expressions is governed by the same rules as the arithmetic of rational numbers. Students extend their work with exponential functions to include solving exponential equations with logarithms. They explore and understand that transformations on a graph always have the same effect regardless of the type of the underlying function. They identify					

appropriate types of functions to model a situation, adjust parameters to improve the model, and compare models by analyzing appropriateness of fit.

Course Code	Course Title	9	10	11	12
MA004HRDX	Algebra II H	x	x		
<p>The Algebra II course provides students with a comprehensive second year algebra course, which covers all the topics required to meet local and national testing and curriculum guidelines. The textbook used reinforces material from previous math courses and prepares students for future math study. Numerous examples throughout the course incorporate reasoning and problem solving – allowing students to see how skills apply to real world everyday situations. Students will have ample opportunity to use the TI-84 Graphing Calculator. Major areas of study include review of linear and quadratic functions, systems, polynomial functions, radical equations and functions, exponential and logarithmic functions, rational functions, inequalities and matrices.</p>					

Course Code	Course Title	9	10	11	12
	Consumer Math				x
<p>By combining algebraic and graphical approaches with practical business and personal finance applications, students will explore algebraic thinking patterns and functions in a financial context. Students apply knowledge and skills from Algebra I, Algebra II, and Geometry to solve problems applying mathematical ideas to their everyday lives.</p>					

Course Code	Course Title	9	10	11	12
MA011CRDX	Probability & Statistics			x	x
<p>Students are introduced to descriptive and inferential statistics and probability theory. Students learn how statistical studies and applications are used in many different fields. Topics include descriptive statistics and exploratory data analysis, design of surveys and experiments, sampling distributions and estimation, inference and decision-making and fitting models to data. Students think carefully about the background of data, the design of the studies that produce the data, the possible effect of outlying observations on conclusions from data, the question of causation and the reasoning that lies behind the standard methods of inference. They experience applications to business, medicine, natural and social sciences, policymaking and sports.</p>					

Course Code	Course Title	9	10	11	12
MA005HRDX	Pre-Calculus			x	x
<p>The Pre-Calculus course is designed for students planning to continue their study of mathematics or Science. Students will study advanced algebraic concepts with great depth. Course work includes the study of polynomial, rational, exponential, and logarithmic functions, analytic geometry and an introduction to Calculus. Graphing calculators are an integral part of this course.</p>					

Course Code	Course Title	9	10	11	12
MA005HRDX	Pre-Calculus H			x	x
<p>Students build upon their understanding of the different representations of polynomial, exponential, logarithmic, and power functions. Students develop the understanding of functions from a calculus</p>					

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perspective by focusing on end behavior and critical points. Other topics include, trigonometry, matrices, vectors, conic sections and an introduction to limits and differential calculus.

Course Code	Course Title	9	10	11	12
CS010ARDX	AP Computer Science Principles			x	x
<p>AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career. Whether it's 3-D animation, engineering, music, app development, medicine, visual design, robotics, or political analysis, computer science is the engine that powers the technology, productivity, and innovation that drive the world. Computer science experience has become an imperative for today's students and the workforce of tomorrow. The AP Program designed AP Computer Science Principles with the goal of creating leaders in computer science fields and attracting and engaging those who are traditionally underrepresented with essential computing tools and multidisciplinary opportunities.</p>					

Course Code	Course Title	9	10	11	12
MA0015CRDX	Trigonometry and Discrete Math			x	x
<p>This Trigonometry portion of this course will cover right triangle geometry, trigonometry functions, the graphs of trigonometry functions, trigonometry identities, and the use of trigonometry for problem solving. The Discrete Math portion of this course designed for students whose career interests lie in fields not dependent on calculus. Students will develop their abilities to model realistic problems and to use technology. Discrete mathematical tools such as matrices, graph theory or linear programming are used to investigate topics such as logic, combinatorics, iteration, game theory and financial literacy.</p>					

Course Code	Course Title	9	10	11	12
	Calculus				x
<p>This course is designed for those students who have successfully completed Pre-Calculus and wish to challenge themselves in mathematics. The course begins with a brief review of critical pre-requisite knowledge before moving into derivatives and integrals, including applications; the material is similar to that covered in AP Calculus, but not to the same depth. This course provides an opportunity to complete a four-year college preparatory sequence in mathematics during high school.</p>					

Science

Overview

The STEM department's mission is to provide students a rigorous, interdisciplinary learning environment focused on science, technology, engineering and mathematics. HPS's science curriculum is currently under revision to align to both the cognitive demands of the Common Core State Standards and the newly adopted NGSS (Next Generation Science Standards). NGSS demands that students engage in science via a 3-dimensional approach, with the integration of: Disciplinary Core Ideas; Cross-Cutting Concepts, and Science and Engineering Practices.

We seek to foster the joy of discovery and promote a collaborative culture of multi-disciplinary practices to creatively problem solve, innovate, and collaborate. We support and encourage students' inquisitiveness and their participation in authentic lab experiences - grounded in inquiry about the world

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in which they live. By necessity, our focus is on students' deeper understanding of content and its application, and is designed to prepare students for college, career and productive global citizenship.

Grade 9	Grade 10	Grade 11	Grade 12
Integrated Science	Biology	Chemistry	Physics
Honors Integrated Science	Honors Biology	Honors Chemistry	ECE Environmental Beekeeping Marine Science Botany

Course Code	Course Title	9	10	11	12
SC002CRDX	Integrated Science	x			
Integrated Science also involves components of Physical Science, as outlined above, as well as Earth Science and Space Science. This additional course encompasses NGSS adoption and includes: the history of the Earth, Earth's Systems, Weather and Climate, and Human Sustainability.					

Course Code	Course Title	9	10	11	12
SC002HRDX	Honors Integrated Science	x			
Integrated Science also involves components of Physical Science, as outlined above, as well as Earth Science and Space Science. This additional course encompasses NGSS adoption and includes: the history of the Earth, Earth's Systems, Weather and Climate, and Human Sustainability. This course is intended for students who have consistently received the highest scores on all assignments and assessments in prior science courses.					

Course Code	Course Title	9	10	11	12
SC003CRDX	Biology		x		
Biology is explored through information and lab inquiries, regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as chemistry of life; ecology and populations; cell structure and function; Mendelian genetics; molecular genetics; viruses and bacteria; and evolution.					

Course Code	Course Title	9	10	11	12
SC003HRDX	Honors Biology		x		
Biology is explored through information and lab inquiries, regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as chemistry of life; ecology and populations; cell structure and function; Mendelian genetics; molecular genetics; viruses and bacteria; and evolution. This course is intended for students who have consistently received the highest scores on all assignments and assessments in prior science courses.					

Course Code	Course Title	9	10	11	12
SC004CRDX	Chemistry			x	
Chemistry involves studying and investigating the composition, properties, and reactions of substances. This course explores such concepts as periodicity; bonding; formulas and shapes of compounds; organic chemistry; reactions and equations; moles and stoichiometry; and gases and solutions. This course is intended for students who have consistently received the highest scores on all assignments and assessments in prior science courses.					

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Course Code	Course Title	9	10	11	12
SC004HRDX	Honors Chemistry			x	
Chemistry involves studying and investigating the composition, properties, and reactions of substances. This course explores such concepts as periodicity; bonding; formulas and shapes of compounds; organic chemistry; reactions and equations; moles and stoichiometry; and gases and solutions.					

Course Code	Course Title	9	10	11	12
SC005CRDX	Physics				x
Physics involves the study of forces and the laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes exploration of kinematics; forces; gravitation; circular and rotational motion; momentum; work and energy; thermal energy; electricity and magnetism; vibrations, waves, and the electromagnetic spectrum.					

Course Code	Course Title	9	10	11	12
SC018CRDX	Beekeeping	Varies			
Beekeeping is an elective science course designed to teach the basics of beekeeping. Units of study will include bee biology, pollination and crop production, bee illnesses, and beekeeping as a business. Emphasis will be placed on personal learning where students will research a variety of bee-related topics and present their findings to the class or community. Students will maintain two beehives on campus and will have the opportunity to sell products including honey and lip balm.					

Course Code	Course Title	9	10	11	12
SC008CRDX	Marine Science	Varies			
Marine science is an elective science course that explores the geological, physical, chemical and biological processes of the world's oceans. Emphasis will be placed on the interconnections of the oceans with marine organisms and the impact humans have on the marine environment. Inquiry lab experiences will focus on observation, sampling and studies of marine plants and animals and current issues related to human activities.					

Course Code	Course Title	9	10	11	12
SC019CRDX	Botany	Varies			
This course is an introduction to the biology of plants. Topics include plant structure and function, principles of plant genetics, reproduction, and plant ecology. Students will explore and research current ideas in agriculture, medicine, and environmental issues. The new greenhouse will provide a hands-on environment for experimentation.					

Course Code	Course Title	9	10	11	12
SC007CRDX	Anatomy and Physiology	Varies			
Human Anatomy and Physiology is an in-depth study of the body systems responsible for maintaining homeostasis. The structures and functions of each body system is examined and their relationships to					

one another in maintaining a healthy body. Animal dissection and a variety of laboratory activities are integral components of this course.

Course Code	Course Title	9	10	11	12
SC009CRDX	Forensic Science	Varies			
<p>This course is designed to emphasize laboratory techniques used by forensic scientists in crime analysis and the role evidence plays in criminal and civil proceedings. Students will apply principles from biology and chemistry to investigative procedures including crime scene processing, fingerprinting, blood typing, bite marks, hair and fiber examination, blood splatter and DNA analysis. Case studies and simulated crime scenes will require students to apply problem solving and inquiry skills to prove the innocence or guilt of a suspect. Students should have a strong interest in laboratory work particularly data collection and analysis.</p>					

Course Code	Course Title	9	10	11	12
SC006ERDX	Environmental Science (Uconn ECE)	Varies			
<p>This course is an introduction to basic concepts and areas of environmental concern and how these problems can be effectively addressed. Topics include human population; ecological principles; conservation of biological resources; biodiversity; croplands, rangelands, forestlands; soil and water conservation; pollution and water management; and wildlife and fisheries conservation.</p>					

Course Code	Course Title	9	10	11	12
SC004ERDX	Chemistry (Uconn ECE)				x
<p>1127Q: This course is designed to provide a foundation for more advanced courses in chemistry. Topics of study include atomic theory, physical and chemical behavior of gases, liquids, solids and solutions, and properties of elements and compounds. The laboratory component will focus on the quantitative measurements illustrating the laws of chemical combinations.</p> <p>1128Q: This is the second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics to be covered include properties of solids and liquids, solutions, chemical kinetics, acid/base reactions, oxidation/reduction reactions, chemical equilibrium, thermodynamics, and electrochemistry. This course includes laboratory exercises to supplement the lecture material for CHEM 1128Q. It is a practical course in which students use knowledge from CHEM 1127Q and extend their experience in safe and proper laboratory technique. Graphical analysis, pH titration, equilibrium reactions, and kinetics analysis are included in the course.</p>					

Social Studies

Overview

The Department of Social Studies embraces a standards-based curriculum that teaches the literacy skills, attitudes, and content knowledge that promote responsible citizenship. Social Studies is an interdisciplinary field which includes history, geography, economics, political science, and more. Students are expected to use these disciplines to develop a variety of perspectives to enhance their ability to think critically about the events and issues that shape their community, their nation, and their world.

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Grade 9	Grade 10	Grade 11	Grade 12
20 th Century World History	Foundations of Government	U.S. History	Psychology Sociology Current Issues
	AP Comp Gov't. and Politics	AP U.S. History	AP World History

Course Code	Course Title	9	10	11	12
SS002CRDX	Foundations of Government		x		
<p>Foundations of Government provides the study of the government structures and philosophies that influenced the Founding Fathers during the creation of the U.S. Constitution. This course will highlight the governmental structures of Ancient Greece, Rome, and the Magna Carta; in addition to surveying the Enlightenment philosophers whose ideas were consulted. Students are expected to use critical thinking skills to analyze which ideas were valued by the Founders of the U.S., which were discarded and why. This course focuses on reading and writing strategies and speaking and listening skills.</p>					

Course Code	Course Title	9	10	11	12
SS003CRDX	20th Century World History	x			
<p>20th century World History offers students the opportunity to explore major world history events of the 20th Century such as: World War I, Russian Revolution, Einstein: General Theory of Relativity, Stock Market Crash, World War II, European Economic Community, Cold War: Africa, Asia, Latin America, Caribbean, and Post-Cold War Issues. This course is designed to provide a global perspective of the effects of historical events while establishing a context for future studies of U.S. History and International Studies. Students will continue to develop reading, writing, speaking and listening skills.</p>					

Course Code	Course Title	9	10	11	12
SS004CRDX	U.S. History			x	
<p>U.S. History provides the study of United States history with some integration of world history. Historiography, geography, economics, government, humanities, sociology, religions, philosophy, science, and technology are some of the themes/perspectives by which U.S. history will be examined. The first semester will investigate/explore the American experience from the Turn of the 20th Century through the Great Depression and New Deal. The second semester will investigate/explore the American experience from the World War II through contemporary America.</p>					

Course Code	Course Title	9	10	11	12
SS004ARDX	AP U.S. History			x	x
<p>The AP U.S. History course focuses on developing students understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world;</p>					

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geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places.

Course Code	Course Title	9	10	11	12
SS019ARDX	AP Comparative Gov't and Politics		x	x	x
AP Comparative Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups; beliefs, and ideas that constitute U.S. government and politics. While there is no single approach that an AP United States Government and Politics course must follow, students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes.					

Course Code	Course Title	9	10	11	12
SS017ARDX	AP World History			x	x
AP World History is a rigorous, college-level course designed to explore human history from 8000 B.C.E to the present. We will emphasize the development of analytical and writing skills necessary for success on a collegiate level. To this end, the course devotes considerable time to the critical evaluation of primary and secondary sources, the analysis of historiography (the principles, theories, or methodology of scholarly historical research and presentation) and inquiry into global connections that have shaped our present world. A special emphasis will be given to preparation for the National AP Exam, including historical writing through essay and document based questions (DBQ) as well as other evaluations.					

Wellness

Overview

The Department of Wellness believes that all students should have the opportunity to be fit, healthy balanced, and ready to learn.

The high school wellness curriculum focuses on the planning and implementation of lifetime physical activity and personal health goals. Students extend and apply skills from previous years, demonstrate competency in lifetime activities, and develop a personal fitness plan. Students are encouraged to participate in Physical Education and Health courses to maintain and enhance their personal health and fitness levels while enjoying activities that foster collaboration and connection to core subject areas. Ultimately, HPS students will become health literate people who value the importance of personal health and fitness and pursue a lifestyle of optimal wellness.

Course Code	Course Title	9	10	11	12
PE001CRDX	Health & Safety	varies			
Health and Safety course provides the basis for continued methods of developing knowledge, concepts, skills, behaviors, and attitudes related to student health and wellness. This course covers major content areas such as nutrition, sexual education, human growth and development, CPR, disease prevention, and substance abuse prevention. Students are provided with opportunities to explore the effect of health behaviors on an individual's quality of life. This course assists students in					

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understanding that health is a lifetime commitment by analyzing individual risk factors and health decisions that promote wellness and prevent disease. A variety of instructional strategies, including technology, are used to further develop health literacy.

Course Code	Course Title	9	10	11	12
PE002CRDX	Physical Education	varies			
Physical Education course emphasizes health-related fitness and developing the skills and habits necessary for a lifetime of activity. This course includes skill development and the application of rules and strategies in one or more of the following different movement forms: (1) health-related fitness activities (cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition), (2) aerobic exercise, (3) team sports, (4) individual and dual sports, (5) gymnastics, (6) aquatics, (7) dance, and (8) recreational games. Ongoing assessment includes both written and performance-based skill evaluations.					

Course Code	Credit	Course Title	9	10	11	12
PA057CRDX	0.5	Dance: Dance I	varies			
Dance I Course is an all-levels course for high school students. This course has a concentration on movement fundamentals through the dance elements of time, space, and energy. Students will develop an understanding of the various traditions and innovations in dance within a social and cultural framework. Students will be able to explore self-expression through movement while also making connections to other content areas and real life situations.						

World Language

Overview

The World Language Department offers courses in Ancient Greek, Latin, Mandarin, and Spanish. A proficiency-oriented approach to instruction promotes speaking, listening, reading, and writing skills across interpersonal, interpretive, and presentational modes of communication. Through a long sequence of instruction and the attainment of high levels of proficiency, students will be able to participate with cultural competence in a global economy and pluralistic society.

Grade 9	Grade 10	Grade 11	Grade 12
Level II Honors (with prior course)	Level III Honors	Level IV Honors	AP
Level I	Level II	Level III	Level IV
Level II (with prior courses)	Level III	Level IV	Level V

Modern Languages: Spanish, Mandarin (HMTCA only)

Course Code	Course Title	9	10	11	12
	<i>Level I</i>	x	x	x	
WL001CRDX	Spanish I	x	x	x	
WL041CRDX	Mandarin I	x	x	x	
Level I modern language study introduces students to a variety of themes in the target language, and within appropriate cultural contexts. Students in level I language classes will learn to communicate on everyday topics of personal interest using isolated words and phrases that have been memorized					

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and practiced. Level I students are expected to reach ACTFL Novice Mid proficiency by the end of the year.

Course Code	Course Title	9	10	11	12
	Level II	x	x	x	x
WL002CRDX	Spanish II (Honors available)	x	x	x	x
WL042CRDX	Mandarin II	x	x	x	x

Level II modern language study continues to introduce students to a variety of themes in the target language, and within appropriate cultural contexts. Students in level II language classes will be able to engage in simple conversations on familiar topics, asking and answering questions that are direct and formulaic. Level II students are expected to reach ACTFL Novice High proficiency by the end of the year.

Course Code	Course Title	9	10	11	12
	Level III		x	x	x
WL003CRDX	Spanish III (Honors available)		x	x	x
WL042CRDX	Mandarin III		x	x	x

Level III students will be able to communicate on familiar topics related to daily life and topics necessary for survival in the target-language culture. Level III students will be able to create with the target language using complete sentences and strings of sentences. Level III students are expected to reach ACTFL Intermediate Low proficiency by the end of the year.

Course Code	Course Title	9	10	11	12
	Level IV (Honors available)			x	x
WL004CRDX	Spanish IV			x	x

Students in level IV modern language study continue to communicate on concrete, familiar topics using sentences and strings of connected sentences, and begin to incorporate all major time frames. Level IV students are expected to reach ACTFL Intermediate Mid proficiency by the end of the year.

Course Code	Course Title	9	10	11	12
	AP (through VHS)				x

AP students continue to advance through ACTFL Intermediate proficiency, and become more confident in creating with target language. Students in AP will be able to present information on a variety of topics, as well as present their own point of view and provide reasons to support it. Some students may remain in ACTFL Intermediate Mid proficiency, while others may reach Intermediate High. AP students take the appropriate AP exam each spring.