Herndon High School

AP AND DE EXPECTATIONS 2021-22

This chart is intended to provide you with an approximation of the workload and demands of Advanced Placement (AP) and Dual Enrollment (DE) courses offered at Herndon High School.

DEPARTMENT	COURSE
Science	AP Biology AP Chemistry AP Physics AP Physics C: Mechanics AP Environmental Science Chemistry 2 DE
Math	Precalculus with Trigonometry DE AP Calculus AB AP Calculus BC Multivariable Calculus and Matrix Algebra AP Statistics AP Computer Science A Advanced Computer Science AB AP Computer Science Principles
English	AP English Language and Composition AP Literature and Composition English 12 DE
Social Studies	AP Human Geography AP World History: Modern AP European History AP US History US/VA History DE AP US Government & Politics

	AP US Government & Politics and AP Comparative Government & Politics AP Psychology AP Microeconomics and AP Macroeconomics
World Language	AP Spanish Language AP French Language Latin 4 DE AP Latin
Fine and Performing Arts	AP Music Theory AP 2D Art & Design AP 3D Art & Design AP Drawing
Career and Technical Education	Entrepreneurship 1 & 2 DE Teachers for Tomorrow 1 DE

SCIENCE							
Course Title	**Course Pre-Reqs**	**Description**	**Course Meets**	**Summer Assignment**	**Work Load**	**Who Should Take It?**	**Assessment**
AP Biology	Honors Biology and Chemistry	Major's Level Biology Course - 2 semesters of college freshman level Lecture/Lab. Topics include chemistry of life, cells, cellular energetics, heredity, molecular genetics, evolutionary biology, diversity of organisms, structure/function of animals and ecology	1 Class Period	Summer Worksheet to review basic concepts from Honors Biology class, Chemistry class, and Math/Statistics class	Approx. 3 ch/week reading assignments; Quarterly Projects assignments; An average of 45 min/homework or preparation for each class	Interested in science; Have a good reading comprehension and logical reasoning skills, Understand basic Chemistry concepts; Understand basic Statistics concept; Be able to work independently and handle weekly	8 Units (1Test for every unit), Weekly quizzes, 12 Labs. The assessments include MCQ (multiple choice questions) and FRQ (free response questions)

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						reading assignments	
AP Chemistry	Chemistry 1/Honors, Algebra 2	One year of College Chemistry, complete with the lab. Topics cover the structure of matter, the states of matter, reactions, descriptive chemistry, and laboratory experiments. 15 laboratory experiments are required	1 Class Period	No formal assignment, but worksheets for review	At least 1 hour/night (Problem Solving, Facts & Memorization)	Skilled in math and writing; those students anticipating needing a college chemistry course (engineering, health or science related fields)	9 Units - 1 Test Every Unit, 15 Labs, Quizzes as needed
AP Physics	Chemistry	Students learn to apply the laws of physics to solve difficult physics problems. Covers mechanics including, Newton's Laws, energy, momentum, rotation, gravitation & simple harmonic motion. Need a graphing calculator.	1 Class Period	Physics problems	An average of 45 min/ homework and prep for each class	Students who enjoy physics and want to improve the ability to apply math to solving problems, enjoy PBL (project based learning)	Summative assessments (60%), Formative assessments (40%), final exam, AP Exam in May
AP Physics C: Mechanics	Physics Honors or AP Physics	A second level course which surveys a selection of physics topics dealing only with Mechanics at a level above Physics 1. It is designed for students who have completed a core science curriculum and are now ready to pursue more advanced and specialized studies in mechanics.	1 Class Period	No	Textbook reading (8-10 pages) to prepare for class, problem sets to be completed after class	Students who took and enjoyed Honors or AP Physics 1 and serves as the foundation in physics for students wish to pursue physical science or engineering degrees.	Quizzes and tests in multiple choice and free response form, labs are completed several times per quarter, AP Exam in May
AP Environmental Science	Biology Chemistry	The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. Topics include: ecosystems, biodiversity, populations, earth resources, land and water use, renewable and nonrenewable resources, air pollution, water and land pollution, and global changes.	1 class period	No	1-2 hours per week	Students who love science. Students interested in learning about sustainability and our changing environment.	9 Units - 1 Test Every Unit, 1-3 labs per unit, Quizzes regularly
Chemistry 2 DE	Chemistry 1 and Algebra 2. To	CHM111 is a four-credit course with lectures and lab. Exploring	1 Class Period	Not Graded assignment	1-2 hours weekly	Students who would like to have college	6 unit tests, Midterm and final

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	qualify for DE status, minimum 3.0 GPA or PSAT, SAT, ACT, or SOL scores. PSAT 8/9 taken in 9th grade cannot be used to qualify.	the fundamental laws, theories, and mathematical concepts of chemistry. It is designed primarily for science and engineering majors and requires a strong background in mathematics.				science experience at a slower pace. Also, students who would like to accelerate their graduation date. $$$ saving money	exam. Pre lab quiz for each experiment

MATH							
Course Title	**Course Pre-Reqs**	**Description**	**Course Meets**	**Summer Assignment**	**Work Load**	**Who Should Take It?**	**Assessment**
Precalculus with Trigonometry DE	Algebra 2, To qualify for DE status, minimum 3.0 GPA or PSAT, SAT, ACT, or SOL scores. PSAT 8/9 taken in 9th grade cannot be used to qualify.	Presents topics in power, polynomial, rational, exponential, and logarithmic functions, systems of equations, trigonometry, and trigonometric applications, including Law of Sines and Cosines, and an introduction to conics.	1 Class Period	Review of algebra and geometry topics.	An average of an hour of preparation per class period	Students who want math college credit: by successfully completing this year-long course students will earn Nova credit for MTH161 (Precalc 1) and MTH162 (Precalc 2). Check with specific university to see the course equivalencies (e.g. GMU equivalency is 6 non-core math credits incl. MATH105 + MATH elective) Students must have successfully completed Algebra 2 without heavy reliance on retakes and floor. Know that this class will follow grading policies of Nova, which means no retakes and no 50% floor. Especially good for rising seniors or juniors who did	11 Units: 1 test for every unit, quizzes as needed. The assessments include MCQ (multiple choice questions) and FRQ (free response questions), and separate calculator and non-calculator parts. The assessments are timed.

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						well in regular or honors Alg 2, enjoy math, but are NOT interested in STEM careers/majors.	
AP Calculus AB	Pre-calc or Pre-calc Honors	Students use derivatives and integrals to find solutions to everyday problems. This course is comparable to one semester of college work. Students need a TI-89, TI-83, TI-83 plus, TI-84, or TI 84 plus calculator	1 Class Period	Review of algebra, geomtery, and precalculus topics. Assignment is **graded for accuracy and** due the first day of class.	An average of one to two hours of preparation per class period. In addition, there are occasional take-home quizzes and projects.	Students who have successfully completed Pre-Calculus with an A or B or have completed Pre-Calculus Honors with a B or C. Students should be prepared for the challenge of rigorous college coursework and for a much more rapid pace than they are used to. Stdents should prepare for reviewing all prereq skills on their own time.	8 Units: 1 test for every unit, quizzes as needed. The assessments include MCQ (multiple choice questions) and FRQ (free response questions), and separate calculator and non-calculator parts. The assessments are timed. End of the year: final exam at the end of April, AP Exam in the beginning of May (usually, the beginning of AP testing window), end of the year project
AP Calculus BC	Honors Precal with Trig	AP Calculus BC is an intensive full-year study of the calculus of functions of a single variable including parametric and polar functions. In addition to the topics of limits, differential and	1 Class Period	Review of Algebra, Geometry, and Pre-calculus. It should take a	An average of one to two hours of homework/preparation will be required for each class. There are	Students who successfully completed Pre-Calculus Honors with an A or B. Students should have a strong math background.	Approximately 10 Unit Tests, quizzes (an average of 2 quizzes/unit), and End-of-Year Project.

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		integral calculus this course includes such topics as differential equations, polynomial approximations, and series. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The TI-89 is the preferred calculator, but the TI-83/84 or TI-83/84 Plus is adequate.		student about 4 hours to complete.	also take-home quizzes, worksheets, and problem sets.	Students should be prepared for the challenge of rigorous college coursework and for a much more rapid pace than they are used to.	
Multivariable Calculus and Matrix Algebra	AP Calculus BC	Multivariable Calculus and Linear Algebra are semester courses. Throughout the 1st semester, students study the Calculus of functions of several variables from differentiation to integration and their applications. The differentiation includes partial derivatives and its applications (Relative & Absolute extrema, Motion, etc...). The Integration includes multiple integrations (double, triple integrations) and its applications that usually appear in Calculus based Physics (Mass, Moment of Inertia, etc ...). The course culminates in Calculus of Vectors, Fundamental Theorem of Line Integrals, the Green's Theorem (and its different forms), the Stoke's and Divergence Theorems. The 2nd semester, students study system of Linear Equations, and efficient techniques of solving system of linear equations. Introduction to matrices and their properties. The study culminates with the study of vector spaces, their properties and its applications.	1 Class Period	Review of AP Calculus concepts (derivatives and its applications, integrals and its applications).	An average of one to two hours of homework/preparation will be required for each class.	Students who successfully completed AP Calculus BC. Students should have a strong math background. Students should be prepared for the challenge of rigorous college coursework and for a much more rapid pace than they are used to.	Approximately 4 Unit Tests, quizzes and Final Exam for each course (MV and LA).
AP Statistics	Algebra II or Higher	Introductory college level course that introduces students to the major concepts and tools for collecting,	1 Class Period	Review of basic statistical terms and	An average of 60 min/ homework and prep for each class. One project	Students interested in social sciences, business, and medical fields.	12 Units with 1 test for every unit + up to 4 group projects a

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		analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.		concepts	per quarter.	Students who are skilled in math but also can write clearly and concisely. Students who are prepared for a quick pace and challenge of college coursework.	year. End of the year: final exam at the end of April, AP Exam in May (usually, end of AP testing window)
AP Computer Science A	Computer Science or teacher approval	Builds and expands on the concepts learned in Computer Science. Programming methodology with emphasis on structured programming and top-down design will be reinforced. The fundamental algorithms and data structures of computer science will be closely examined. Applications will be used to develop student awareness of the need for particular algorithms and data structures.	1 Class Period	None	Programming assignments and test prep - approximately 2 to 3 hours per week.	Students with a serious interest in computer programming and willing to challenge themselves. No prior programming experience is required.	Ten Units with a Quiz and multiple programming assignments and short homework exercises per unit. AP Exam in May.
Advanced Computer Science AB	AP Computer Science A or equivalent	This is an advanced course in Computer Science for students looking to continue study of programming beyond AP Computer Science A. The major emphases are programming methodology, algorithms, and data structures. Applications of computing are used to develop students' awareness of particular algorithms and data structures to provide topics for programming assignments in which students can apply their knowledge using Java.	1 Class Period	None	Programming assignments and test prep - Approximately 3 hours on the computer per week programming applications and working on case studies.	Students with a very strong interest in computer programming and a desire to further their knowledge of data structures and programming concepts.	Two to Three Quizzes per quarter. Short and long term programming assignments. Final Project.
AP Computer Science Principles		AP CSP is an introductory course to AP Computer Science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. Students	1 Class Period	None	An average of one to two hours of homework/preparation (programming, ...) will be required for each class.	Students with interest in computer programming. No prior programming experience is required.	Project based Learning

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		explore the foundation of computing, data, and their representations, algorithms, programming, and problems solving skills, in addition to innovation technology. No prior experience in programming or computer is required.					

ENGLISH							
Course Title	**Course Pre-Reqs**	**Description**	**Course Meets**	**Summer Assignment**	**Work Load**	**Who Should Take It?**	**Assessment**
AP English Language and Composition	Success in English 10 Honors	Analytical reading, writing, and discussion of non-fiction works. Writing in expository, analytical, and persuasive formats. Intense multiple choice tests (with focus on comprehension and analysis of dense passages). Researched projects. Group and individual presentations.	1 Class Period	Non-fiction/ fiction book to be assigned	Long term independent projects and novels in addition to daily essays and readings	Highly motivated college-bound students who like to read and write, who seek to improve their writing ability, and who are willing to accept the challenge of college-level work	Formative and summative assessments on essays, speeches, and other assigned readings. Formative and summative assessments on materials covered on the AP exam including Rhetorical Analysis, Synthesis, and Argument essays, as well as multiple choice responses to close reading and analysis of author style, message, and strategy.
AP Literature and Composition	Success in English 11 or AP	Careful reading and critical analysis of imaginative literature. Students should deepen their understanding of the	1 Class Period	Summer assignments are given most	This is a college literature course; students should	Students must be able to handle multiple assignments at once.	Mostly written assessments, timed writing. There will

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	Language and Composition	ways writers use language to provide both meaning and pleasure for their readers.Analytical and creative writing assignments will increase students' ability to explain what they understand about literary works and why they interpret them as they do. Writing instruction includes attention to developing and organizing ideas in clear, coherent and persuasive language as well as matters of correctness and precision.		years. In the recent past, students were to read The Kite Runner and Fences and keep a diacritical quote journal on each.	prepare to complete work at the college level.. One to two outside reading assignments per quarter. Students will also read a novel and a play per quarter, supplemented by units on poetry and short stories. Be prepared to write on every major reading assignment. Completion of a research project/paper.	Anyone who enjoys the challenge of reading, discussing and writing about literature should consider this course.	be a few tests, and multiple choice practice for the AP Lit exam.
English 12 DE	Success in English 11, 11HN, or AP Language and Composition , To qualify for DE status, minimum 3.0 GPA or PSAT, SAT, ACT, or SOL scores. PSAT 8/9 taken in 9th grade cannot be used to qualify.	Students enroll in English 111 (College Comp 1) and English 112 (College Comp 2) at Northern Virginia Community College, and, provided they are successful, earn 6 college credits. The course prepares students to write successfully in acadmic settings and/or the work place. Students write in a variety of genres using a variety of rhetorical strategies. Topics include: What does it mean to be educated? Why do people think what they think? How do people come to have different views of society?	1 Class Period	None	Brief (1-2 page) writing projects every other week, with an emphasis on drafting and revision. Students should expect 60-90 minutes of independent work each week. Students complete two research projects over the course of the year, with significant class time provided.	Students who are successful in DE English 12 are responsible, self-motivated, and reflective learners. The course is ideal for any student considering to enroll in a two-year or four-year institution after graduation and who are prepared to engage with college-level material.	All writing; no tests! A variety of short essays, presentations, podcasts, videos, and socratic seminars. Two 7-page research papers; one in the fall, and one in the spring.

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SOCIAL STUDIES

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Course Title	Course Pre-Reqs	Description	Course Meets	Summer Assignment	Work Load	Who Should Take It?	Assessment
AP Human Geography	None	Topics include population, immigration and migration, culture (religion, language, ethnicity, and race), political organizations, agriculture and land use, cities and urban land use, industrialization and economic development.	1 Class Period	None	An average of one hour of preparation per class period plus three projects (1 current event, 1 ambassador PowerPoint, and 1 research topic)per quarter	Students who can handle extensive weekly reading, independent research, and participation in class discussions. Any student who has an interest in understanding how our world works and tackle/solve issues facing our world. For example, sustainability.	Unit tests (multiple choice and FRQS), and chapter quizzes.
AP World History: Modern	World History I or World Civ I	This course is designed to develop a greater understanding of the evolution of global processes and contacts in interaction with different types of human society from 1200 CE to the present. Students will be able to construct and evaluate arguments using historical evidence, use documents and other primary sources, develop the ability to assess issues of change and continuity over time, develop skills important to compare and contrast societies, and enhance their capacity to handle diversity of interpretations through analysis of context, bias, and frame of reference.	1 Class Period or Blocked with English 10 HN	None	One hour of homework or prep each night. Each quarter will include 1-3 unit tests.	Sophomores who would like a challenge and can handle extensive weekly reading.	Unit tests and summative assessments include writing (both short answer and longer essay/DBQs) and multiple choice questions modeled on the Advanced Placement exam.

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World History 2 DE	World History I, To qualify for DE status, minimum 3.0 GPA or PSAT, SAT, ACT, or SOL scores. PSAT 8/9 taken in 9th grade cannot be used to qualify.	Over the course of the school year students will take two three-credit college courses: HIS 112 (History of World Civilization 1600CE -present) and HIS 102 (History of Western Civilization II 1600 CE-present). Each course allows students to reach a basic understanding of the characteristic features historical development in that span of time. Students will learn about some of the important political, economic, social, intellectual, cultural and religious changes that shaped the development in this period of time. There is an emphasis on applying historical thinking skills to the analysis of primary and secondary source documents and essay writing.	1 Class Period	None	This College course is reading, writing, and research heavy. Students are expected to read and take notes on about 20 pages in preparation for each class from a college level textbook. Students also complete semi-regular reading quizzes.	Students wishing to earn college credit while still in high school without having to pass a national end-of-course exam. Students wishing to challenge themselves to master the analytical and writing skills necessary to be successful in college. Students who have strong reading and writing skills and are self-motivated. Students who are interested in a fast-paced, in-depth look at the events which have determined the fate of modern world and western civilization. Since there are very few formative assignments students need to be comfortable with the idea that their grades will be primarily based on their written unit test and essays.	All assessments are in short answer or essay format. Additionally students are to complete one research essay each quarter and one semester long research project which is student driven. In accordance with NVCC student regulations there are no regular reassessments.
AP European History	None, open to students in grades 10-12	Students are expected to demonstrate a knowledge of the chronology, major events, and trends in European History from approximately 1450 to the present; i.e., from the High Renaissance to the very recent past. In addition to providing the basic narrative of events and movements, the course tried to develop an understanding of some of the	1 Class Period	Yes, the assignment generally involves watching a video to review the European Medieval period, practicing European	Reading of the textbook and primary sources are required prior to each class. Students are expected to complete	Highly motivated and self directed students who enjoy reading about, writing about, and discussing history will love this class. While the class is an AP course with a heavy reading load it is an elective. Students should have an interest in analyzing historical trends in political and economic	Semi-regular reading quizzes, 2-3 summative assessments in an AP MCQ, SAQ and/or LEQ/DBQ format per quarter, and one student directed and selected summative project is required each quarter.

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		principal themes in modern European History, an ability to analyze historical evidence, and an ability to analyze and express historical understanding in writing. We study everything from "The Terror" of the French Revolution to the popularity of the Beatles with a few defenestrations along the way.		geography, and following European current events.		areas as well as more micro social and cultural ones.	
AP US History	World Civ I and II	Students will study the events of American history from discovery to the present and analyze these events and the primary source documents that describe them through a series of essay writings	1 Class Period	Yes - varies each year but generally involves research on the first unit of study (exploration and colonization of North and South America).	Reading - about 3 to 4 chapters 70 to 100 pages) every two weeks. Note taking required. Test approx. every two weeks.	Students wishing to challenge themselves to master the analytical and writing skills necessary to be successful in college. Students who have strong reading and writing skills. Students who are interested in a fast-paced, in-depth look at the events which have determined the fate of our nation.	Minor Assessments based on the College Board's Key Concept Outline for AP US History. Assessments include skill and content practice. Major Assessments based on the components of the exam including Long Essay Questions, Document Based Questions, Short Answer Questions, and Stimulus Based Multiple Choice Question.
US/VA History DE	To qualify for DE status, minimum 3.0 GPA or PSAT, SAT, ACT, or SOL scores. PSAT 8/9 taken in 9th grade cannot be used to qualify.	Students will take two courses: HIS 121 (1607-1865) and HIS 121 (1865-present). There is an emphasis on applying historical thinking skills to the analysis of primary and secondary source documents and essay writing.	1 Class Period	None	Reading - about 3 to 4 chapters 70 to 100 pages) every two weeks. Note taking required. Test approx. every two weeks.	Students wishing to earn college credit while still in high school without having to pass a national end-of-course exam. Students wishing to challenge themselves to master the analytical and writing skills necessary to be successful in college.	Weekly reading quizzes, Bi-weekly summative essays, semester long research project each semester.

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						Students who have strong reading and writing skills. Students who are interested in a fast-paced, in-depth look at the events which have determined the fate of our nation.	
AP US Government & Politics	US History, 8th Grade Civics	There are six main units, including: I) Constitutional underpinnings/Federalism, II) Political Culture, III) Political Process (interest groups, elections, mass media), IV) Institutions of National Government (Congress, Presidency, Courts & Bureaucracy), V) Civil Liberties and Civil Rights, and VI) Public Policy. Class will include debates, Mock Congress, and other interactive components. Need access to a computer.	1 Class Period	Read the US Constitution online and complete a study guide	Approx. 30 mins preparing for each block period. Read 2 to 3 chapters every two weeks, followed by a test. Students will read a variety of articles and will need to stay aware of current events	All seniors interested in challenging themselves and who meet the prerequisites.	Bi-weekly reading quizzes, multiple choice chapter exams with FRQ component. Free Response Questions (FRQ) require longer format written responses. This class also counts project based assessments toward the quarterly assessment grade.
AP US Government & Politics and AP Comparative Government & Politics	AP US History	Students will study and complete AP US Government (see above course information) during the first semester. Students will study and complete Comparative Government during the second semester. This part of the course includes studying major concepts and themes in world politics. Students will take 2 AP Exams at the end of the year.	1 Class Period	Yes. But could vary from year to year. Examples could be: Read the US Constitution online and complete a study guide in preparation for the first half of the school year.	45 minutes to one hour for each block period. Routine homework includes reading and completing study guides.	Students who have successfully completed AP US History with an interest in world affairs.	Weekly quizzes, Unit Exams, FRQ writing. Each Course has a Final Exam.
AP Psychology	Junior or Senior status	Topics include topics such as developmental psychology, experimentation and the scientific method, thinking and	1 Class Period	None	One hour of prep (extensive reading and homework) for each class period. One major	Any student who has considered psychology as a college major, OR any student who wishes to	Unit tests, vocabulary quizzes, classwork, quarter projects, midterm exam and final

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		decision-making, the interaction of psychology and biology, psychological perspectives, memory and learning, motivation and emotion, abnormal psychology and therapy, social psychology, intelligence, sensation and perception.			project per quarter	challenge themselves and learn and discuss the interesting and applicable topics of psychology should consider taking this course.	project
AP Microeconomics and AP Macroeconomics	Junior or Senior status	Students will study and complete AP Macroeconomics during the first semester. This course looks at the economy as a whole and by exploring macroeconomic models and policies. Students will study and complete AP Microeconomics during the second semester. This course takes a look at markets, costs, marginal analysis, and efficiency. Students will take 2 AP Exams at the end of the year.	1 Class Period	None	45 minutes to one hour for each block period. Routine homework includes reading, completing study guides, and practice questions.	Any student up for the challenge of taking 2 AP classes. Any student interested in economic theory and studying how we fit into the cycle of economic activity.	Weekly quizzes, Unit Exams, FRQ writing. Each Course has a Final Exam.

WORLD LANGUAGES							
Course Title	**Course Pre-Reqs**	**Description**	**Course Meets**	**Summer Assignment**	**Work Load**	**Who Should Take It?**	**Assessment**
AP Spanish Language	Spanish I-IV or Spanish for Fluent Speakers I -III	AP Spanish is designed to be comparable to a college level Spanish course. The purpose of the course is to prepare the student for the AP Spanish exam	1 Class Period	Complete a range of multi-media assignments that review structures learned in earlier levels as well as	Students can expect to regularly be reading, writing, listening, and communicating in Spanish. Students will have 1-2 tests per quarter, one composition/ speaking assessment per quarter,	All students who are planning to attend college and /or who want to widen their knowledge and abilities in Spanish should take AP Spanish Language	Reading quizzes that are either multiple choice or written, speaking quizzes responding to a prompt, recording, or reading passage. Exam grades include: country project presentations and assessments targeting

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				improve student listening, speaking, writing, comprehension and vocabulary	at least one quiz a week and written homework/ study per class is about 30 minutes.		specific sections of the AP exam.
AP French Language	French IV, French V or equivalent testing for native speakers	Students prepare the vocabulary, structures and skills necessary for success on the AP French Language exam in May. French 5 and AP students follow the same curriculum that alternate every year. French 5 will have independent work to do when AP students will practice for the AP exam. Students are expected to use French as their primary means of communication in this class and to consistently implement this level's new vocabulary while becoming more accurate grammatically	1 Class Period	Complete a range of multi-media assignments that review structures learned in earlier levels as well as improve student listening, speaking, writing, comprehension and vocabulary	One to two AP practices per quarter, and various vocab/grammar assessments ; written homework/study per class averages about 25-35 minutes	All upper-level French students who are planning to attend college and/or who want to widen their knowledge and abilities in French	In class assessment and AP in-class practices and final AP exam
Latin 4 DE	Latin I-III, To qualify for DE status, minimum 3.0 GPA or PSAT, SAT, ACT, or SOL scores. PSAT 8/9 taken in 9th grade cannot be used to qualify.	This course is also the NVCC LAT 201-202 courses. Students will complete a study of one or more Roman authors through translation and research paper/presentations with review of grammar as needed.	1 Class Period	None	Students can expect an average of about 1 hour per week of outside class work time, including translation preparation and research/reading requirements, but this will depend to some extent on how well students manage their time with the long-term research project and presentation.	Students with an interest in studying Classics who may or may not have the strongest grasp of grammar. Because this is a 200-level course, the expectation is that students taking this course have not yet mastered all of the complexities of Latin grammar.	The research paper and presentation is a major component of each semester, as is a comprehensive translation exam.
AP Latin	Latin I-III	Students will translate the epic poem, "The Aeneid" by Publius	1 Class Period	Read the Robert	AP students will receive a course syllabus and	Students with a strong grammatical background	AP Latin Exam and similarly styled tests and

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		Vergilius Maro. Students will engage in an extensive review of Latin grammatical structures. Students will spend the majority of class time translating and deciphering the Latin in the Books I, II, IV, VI, X, and XII. Translation is the key to success in the course. Finally, students will also learn to detect literary devices throughout the poem		Fitzgerald's translation of the Aeneid and Stanley Lombardo's translation of the Odyssey. Summarize and submit a thorough synopsis of each book in each work	calendar at the beginning of each month which will outline the AP enrichment assignments and quizzes they will be engaging in OUTSIDE of the regular Latin IV curriculum. Approximately 30-45 minutes a night of AP homework in 1st semester and at least 60 in 2nd semester. AP students will have quizzes and tests on the material covered in their AP calendars	and those with a strong ability to translate.	quizzes throughout the school year.

FINE AND PERFORMING ARTS

Course Title	Course Pre-Reqs	Description	Course Meets	Summer Assignment	Work Load	Who Should Take It?	Assessment
AP Music Theory	Significant experience reading or performing music; Experience taking music lessons or participating successfully in HHS music programs.	Music theory is the intense study and analysis of western music. Students will master the use of harmony, rhythm, pitch, and texture. Students will gain the listening skills to identify intervals, chords, and rhythms upon hearing them. Students will learn to extract, by listening, the components of music composition.	1 Class Period	Practice mastering all major scales	30 to 90 minutes of homework following most classes	Experienced musicians who love music and do not mind practicing music skills through homework assignments	In class assessments and final AP exam
AP 2D Art & Design	Level 3 of	Students are expected to	1 Class	These are set	An average of 2-3 hours	This class is meant for	Final portfolio.

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Digital Art Photography Studio Art	respective class: Digital Art Photography Studio Art	research, explore and experiment with their ideas and concepts. This research is uploaded as a part of their digital portfolio. Students develop an art practice around a Sustained Investigation. Students work independently with daily check-ins and digital portfolio checks. Class time is studio time!	Period	by the course instructor. Assignments can include: Research, Idea Development, Media Practice	weekly project work outside of regular classroom hours End of year portfolio	dedicated art students who have completed levels 1, 2 and 3 of their respective course. This is a rigorous college level course.	Requirements set by College Board.
AP 3D Art & Design	3D Studio Art 3	During the year, students create 12-15 3-D ceramic vessels and/or sculptures tied to their sustained investigation, including sketching, researching and photographing work for a final digital portfolio submitted to the College Board.	1 Class Period	These are set by the course instructor. Assignments can include: Research, Idea Development, Media Practice	Average of 2 to 3 hours weekly of sketches and project work.	This class is meant for dedicated art students who have completed 3D Studio Art levels 1, 2 and 3. This is a rigorous college level course.	Final portfolio. Requirements set by College Board.
AP Drawing	Studio Art 3	Students are expected to research, explore and experiment with their ideas and concepts. This research is uploaded as a part of their digital portfolio. Students develop an art practice around a Sustained Investigation. Students work independently with daily check-ins and digital portfolio checks. Class time is studio time!	1 Class Period	These are set by the course instructor. Assignments can include: Research, Idea Development, Media Practices	Average of 2 to 3 hours weekly of sketches and project work.	This class is meant for dedicated art students who have completed Studio Art 1, 2 and 3 . This is a rigorous college level course.	Final portfolio. Requirements set by College Board.

CAREER AND TECHNICAL EDUCATION

Course Title	Course Pre-Reqs	Description	Course Meets	Summer Assignment	Work Load	Who Should Take It?	Assessment

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Entrepreneurship 1 & 2 DE	Junior or Senior status, To qualify for DE status, minimum 3.0 GPA or PSAT, SAT, ACT, or SOL scores. PSAT 8/9 taken in 9th grade cannot be used to qualify.	Entrepreneurship presents the various steps considered necessary when going into business.	1 Class Period	None	Average 2 - 3 hours per week. Students are expected to prepare for each class.	Students that have an interest in becoming an Entrepreneur.	Students are assessed in the following 3 categories: class assignments, quiz and business plan.
Teachers for Tomorrow 1 DE	Junior or Senior status, To qualify for DE status, minimum 3.0 GPA or PSAT, SAT, ACT, or SOL scores. PSAT 8/9 taken in 9th grade cannot be used to qualify.	Students build a foundation for teaching; learn the history, structure and governance of teaching Apply professional teaching techniques in the classroom and field experience; and reflect on their teaching experiences.	1 Class Period	None	Average of 2 to 3 hours per week. Most major assignments are project-based.	Students who are interested in pursuing education as a career path. However, the material learned is transferable amongst many career choices.	Most assessments are project-based learning. Students will have the opportunity to take the Workplace Readiness assessment which if passed would count towards an industry credential.

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