

# Course Expectations & Time Commitment

This information is intended to give students an idea of the weekly time commitment required for each core course per week, including Honors (H), Dual Enrollment (DE), and Advanced Placement (AP) courses. Time commitments may vary by student. Students are encouraged to use this information to complete the "Time Commitment" worksheet which will help determine whether you have enough time each week to take the courses you want to take and participate in the extra-curricular activities that you would like.

## English

Course	Out of class work per week	Types of assignments (writing papers, practice problems, studying, group assignments, etc.)
English 9	1 hour	Class: Independent reading; class-directed reading and discussion; formal/informal writings; oral presentations; projects. Homework: Reading; completing unfinished classroom assignments, essays, or projects.
English 9 H	2 - 3 hours	Independent reading, formal/informal writings, oral presentations, Socratic seminars, group/individual creative projects.
English 10	1 hour	Class: Independent reading; class-directed reading and discussion; formal/informal writings; oral presentations; projects. Homework: Reading; completing unfinished classroom assignments, essays, or projects.
English 10 H	3 hours	Close reading and analysis, daily at home reading, preparation for literature discussion, literary research papers, and typed essays.
English 11	1 hour	Class: Independent reading; class-directed reading and discussion; formal/informal writings; oral presentations; projects. Homework: Reading; completing unfinished classroom assignments, essays, or projects.
English 11 H	2 novels per quarter, at least one read completely outside of class (lit circles)	One seminar and two major writing assignments (through the entire writing process) per quarter.
AP Language	5 - 10 hours	Timed essays, rhetorical analysis essays, synthesis essays, argumentative essays, personal responses, exploring a variety of modes and genres in writing, several independent reading/annotating books per quarter, reading/analyzing essays, various seminars and discussions, persuasive speeches, vocabulary, activities to help students develop their writing voices, and a variety of other writing/rhetoric focused activities.
DE English 12	3+ hours	Class: 15-20 pages of final essay copy; daily writing and reading; skills-based class; 2-3 books/semester. Homework: Reading and analysis; writing; oral presentation preparation; projects.
AP Literature	5 - 10 hours	5 one-page thought papers; two 3-5 page essays. Timed in-class essays (2/month). Class discussions; seminars. Annotating books. Fictional reading & analysis: poetry, short stories, and novels. 6-8 books/year.

## Social Science

Course	Out of class work per week	Types of assignments (writing papers, practice problems, studying, group assignments, etc.)
<b>Intro to AP World History H</b>	4 - 6 hours	Writing historical essays, reading comprehension, analysis of documents, and notetaking.
<b>World History &amp; Geography II</b>	2 - 3 hours	
<b>AP World History</b>	4 - 6 hours	Excellent reading comprehension. Textbook is college level.
<b>U.S. History</b>	2 - 3 hours	
<b>DE U.S. History</b>	4 - 6 hours	Reading textbook chapters, taking comprehension quizzes, tests and essays.
<b>AP U.S. History</b>	6 - 9 hours	Reading textbook chapters, taking comprehension quizzes, tests and essays.
<b>U.S. Government</b>	2 - 3 hours	
<b>DE U.S. Government</b>	1.5 - 2 hours	Two semester courses. Write a minimum of 2-5 page essays per semester and complete final exam each semester.
<b>AP U.S. &amp; Comparative Government</b>	1 hour	Reading textbook chapters, taking comprehension quizzes, tests and essays.
<b>AP Human Geography</b>	2 hours	Add 2-3 tests with essays per quarter
<b>AP Psychology</b>	2 - 3 hours	Daily quizzes and 2-3 tests with essays every quarter.
<b>AP Economics</b>	2 hours	Reading textbook chapters and supplementary readings.

# Mathematics

Course	Out of class work per week	Types of assignments (writing papers, practice problems, studying, group assignments, etc.)
<b>Algebra 1</b>	1 - 1.5 hours	Daily homework requires about 20 minutes. 1 - 2 quizzes per unit and 2 - 3 units per quarter.
<b>Geometry</b>	2 - 3 hours	Daily homework requires about 30 min. Construction projects done with compass and straight-edge. 1-2 quizzes per chapter, possible weekly/daily quizzes, 2-3 chapters per quarter, problem sets.
<b>Functions</b>	1 - 1.5 hours	Problem sets, group work (in class), applications of Algebra 1 concepts building to Algebra 2, weekly quizzes and 2 to 3 tests per quarter
<b>Algebra 2</b>	3 - 4 hours	Daily homework, 3-4 problem sets per quarter, 4-5 quizzes/tests per quarter.
<b>Algebra 2/Trig H</b>	4 - 5 hours	Daily homework, 1-2 problem sets per quarter, a quiz or test nearly every week.
<b>Advanced Functions</b>	2 - 3 hours	Daily homework assignments (from textbook and/or worksheets), 1-2 problem sets per quarter, 4-5 quizzes/tests per quarter.
<b>Pre-Calculus</b>	4 - 5 hours	Outside work includes problem sets, take-home quizzes, projects and studying for test and quizzes.
<b>Math Analysis H</b>	4 - 5 hours	Homework, problem sets, and studying for regular quizzes and tests

<b>Computer Math</b>	0 - 1 hour	Writing programs, working on study guides - adequate time provided in class to complete assignments
<b>Discrete Math/ Statistics &amp; Probability</b>	1 - 2 hours	Daily HW, finishing projects (1 – 2 per quarter), study for tests (3 per quarter).
<b>Calculus</b>	0 - 1 hour	The assignments support content learned in class to prepare for daily quizzes. Each quarter will also have one to three problem sets, one or two tests and a quarter test. Any projects will mostly be completed during class time.
<b>AP Computer Science A</b>	1 - 2 hours	Writing programs and completing problem sets.
<b>AP Calculus AB</b>	2 - 3 hours	You will be assigned book work after each lesson and will need to study every night for daily quizzes. Each quarter will also have two to three problem sets, two-chapter tests, and one quarter test. AP = Always Practicing!
<b>AP Calculus BC</b>	2 - 3 hours	Homework from text each class, biweekly problem sets, daily quizzes, group work, lots of AP style questions.
<b>AP Statistics</b>	1 - 3 hours	Reading and outlining. Basic computations, interpreting and analyzing using our online textbook.
<b>DE Multivariable Calculus</b>	TBD	Follows NOVA course guidelines and requirements.

# Science

Course	Out of class work per week	Types of assignments (writing papers, practice problems, studying, group assignments, etc.)
<b>Earth Science</b>	1 - 2 hours	Practice Problems, notetaking via media presentation, worksheets, study outside of class.
<b>Research Earth Science H</b>	3 - 4 hours	Practice Problems, notetaking via media presentation, worksheets, study outside of class. Focus on research in the curriculum. <i>25% of the grade is derived from the research component.</i>
<b>Biology</b>	1 - 2 hours	Testing of ideas; prediction, measurement, data collection; evaluation of sources of information; collaborative investigation; interpretation and communication of findings; evaluation and verification of findings.
<b>Research Biology H</b>	3 - 4 hours	Testing of ideas; prediction, measurement, data collection; evaluation of sources of information; collaborative investigation; interpretation and communication of findings; evaluation and verification of findings. Emphasis is on research curricula. <i>25% of the grade is derived from the research component.</i>
<b>AP Biology</b>	6 - 8 hours	Emphasis on the testing of ideas; prediction, measurement, data collection & representation; evaluation of sources of information; collaborative investigation; interpretation, communication, evaluation & verification of findings & considerations relating to research.
<b>Chemistry</b>	4 - 5 hours	Algebra I is a prerequisite though the recommendation is that students should be enrolled in Algebra II. Emphasis on labs activities, mathematical calculations as well as work outside of class to reinforce learning.
<b>Research Chemistry H</b>	5 - 6 hours	Algebra I is a prerequisite though the recommendation is that students should be enrolled in Algebra II. Emphasis on labs activities, mathematical calculations as well as work outside of class to reinforce learning. <i>25% of the grade is derived from the research component.</i>
<b>AP Chemistry</b>	6 - 8 hours	Extensive Lab exercises. Generation and testing of ideas; prediction, measurement, data collection and representation; evaluation of sources of information; collaborative investigation; interpretation and communication of findings.

<b>Conceptual Physics</b>	1 - 2 hours	Algebra I is a prerequisite. Students build on basic physical principles by exploring the nature and characteristics of energy and its dynamic interaction with matter. Students gain a conceptual understanding of physical systems.
<b>Physics H</b>	3 - 4 hours	Students engage in experimentation, apply scientific reasoning, and perform data analysis and interpretation. Laboratory work includes graphical analysis. Algebra II is a prerequisite.
<b>AP Physics C</b>	6 - 8 hours	Physics is a prerequisite; Calculus is a Co-requisite. Pre-calculus and calculus skills are used to develop concepts and solve problems.
<b>Environmental Science</b>	1 - 2 hours	Inquiry skills are developed through fieldwork, service projects, & collaborative investigation. Because of the interdisciplinary focus, students are challenged with diverse topics, rigorous reading requirements, & opportunity for written & oral presentation.
<b>AP Environmental Science</b>	4 - 5 hours	Prerequisite: Two years of science (Life and Physical). This class involves indoor and outdoor laboratory activities, field studies, case studies, classwork and discussion, reading and reflection assignments, and individual and group projects.
<b>DE Independent Student Research</b>	6 - 8 hours	Prerequisite: Completion of 3 Lab Sciences in different disciplines (to be chosen from: Earth Science, Biology, Chemistry, Physics or AP Sciences). Focus is on sustained, scientific inquiry. Students take responsibility for project development, defending procedures and presenting results.

## World Languages

Course	# of hours of out of class work per week	Types of assignments (writing papers, practice problems, studying, group assignments, etc.)
<b>French, German, Spanish Level I</b>	1 - 1.5 hours	Vocabulary and structural drills/games, interpersonal and presentational speaking and writing activities, interpretive listening activities, dialogue recitations and creations, short written, structured compositions.
<b>French, German, Spanish Level II</b>	1.5 - 2 hours	Same as Level 1 with increasing difficulty and expectations in terms of language proficiency and performance. Roleplaying, reading, listening, writing short paragraphs, participating in short conversations. Projects and formal presentations. Games to reinforce material.
<b>French, German, Spanish, Level III</b>	1.5 - 2 hours	Transitioning student from NOVICE to INTERMEDIATE level proficiency/performance to be gradually attained in Levels IVH and higher. Paired and group speaking activities, conversations, presentations, cultural projects, more emphasis on writing and reading, exposure to authentic resources, increased focus on grammar/verb conjugations.
<b>French, German, Spanish, Level IV H</b>	2 - 2.5 hours	Students continue building proficiency by reviewing previously learned grammar and vocabulary concepts at a more expansive, rigorous mode of study. Excerpts of authentic readings from novels, short stories, plays, and other genres give the student an opportunity to gain a deeper insight into the cultures of the world and real-life application of the language. Presentations on current events; Informal speaking with peers and teacher. Persuasive essays. Formal emails. Paired and group-speaking activities, conversations, and presentations; Formal oral presentations and writing assignments, more interaction with authentic resources, fine-tuning grammar learned in levels 1-3.
<b>French, German, Spanish Level V H</b>	3 hours	Heavy focus on interpretive, interpersonal, and presentational communication via strengthened listening, speaking, reading, and writing skills in contextualized themes associated with Global Issues, Contemporary Life, Family and Community, Beauty and Aesthetics, Personal and Public Identities, and Science and Technology. Research different cultures/countries, Group projects/presentations; Formal oral presentations; Review grammar from previous levels; Extensive writing and reading, Focus on authentic resources.
<b>AP French, AP German, AP Spanish</b>	3 hours	Heavy focus on interpretive, interpersonal, and presentational communication via their strengthened listening, speaking, reading, and writing skills in contextualized themes associated with Global Issues, Contemporary Life, Family and Community, Beauty and Aesthetics, Personal and Public Identities, and Science and Technology. Group research and formal presentations on topics like Science, Technology, Economy, Art, Society, Politics, Ethics, Nature, Literature. Informal speaking with peers and teacher. Persuasive essays. Formal emails. Grammar reviewed and used in context. Project based assignments. Listening and reading of advanced authentic material. Group discussions.

<b>Latin I, II, III</b>	1 - 2 hours	Vocabulary/derivatives; grammar practice (workbook exercises); translation passages; Roman life/culture/history/mythology; excerpts of historical films; review games, small group work.
<b>Latin IV Honors</b>	3 hours	Same as levels 1-3; introduction of poetic devices, introduction of scansion; Star Wars Film Project; primary source works of Martial, Ovid, Vergil and Catullus.
<b>Latin V Honors</b>	3 hours	Vocabulary; Roman culture/history/mythology; excerpts of historical films; small group work; more practice with poetic devices and scansion; primary source works of Cicero, Ovid, Vergil and Caesar.
<b>AP Latin</b>	3 hours	Primary source works from Vergil's Aeneid and Julius Caesar's de Bello Gallico. Translation and textual analysis, reading of scholarly journals, AP practice, essay writing.
<b>ASL I, II, III</b>	1 - 2 hours	Level I: Vocabulary, grammar, Deaf culture, Deaf history, introductions, the ear, technology for the Deaf, Deaf President Now, presentational signing, conversations. Level II: Signed phrases, famous Deaf people, classifiers, Deaf President Now update, history of Deaf education, the Milan Conference, Americans with Disabilities Act. Level III: handshape stories, presentational signing, conversations, timed signing presentations.
<b>Fine Arts</b>		
<b>AP Studio Art</b>	4 - 6 hours per week	Students identify whether they will pursue an AP Studio Art: Drawing, AP Studio Art 2-D Design, or AP Studio Art 3-D Design Portfolio. They work individually to meet portfolio deadlines. Teacher acts as mentor. Quality pieces to be mailed - 5 pieces, Concentration work - 15 pieces. End of the year exhibit and sketchbooks required. Sketchbook work includes artist inquiry, research, and process exploration to develop final works.
<b>AP Music Theory</b>	TBD	
<b>DE Music Appreciation</b>	None	Independent and group projects, as well as attend music performances in the community.