

| DEPARTMENT | COURSE | TYPICAL GRADE LEVEL | PAGES OF READING/NUMBER OF PROBLEMS PER WEEK | HOURS OF WORK/STUDY PER WEEK OUTSIDE OF CLASSROOM | ASSESSMENTS PER QTR (TYPE & NUMBER) | MAJOR PROJECTS & OTHER INFO | Summer Assignment |
|----------------|--------------------------------------|---------------------|---|---|---|---|---|
| Social Studies | AP Human Geography | 9 (only) | Approximately 20 pages of textbook reading | 3-5 hours | Timed Free Response Questions (min 1 per unit), Timed Multiple Choice test per unit. | Typically one project per unit | No |
| Social Studies | AP World History | 10 | Approximately 40 pages of textbook reading | 3-7 hours | 5-7 reading quizzes per quarter, 1-2 Multiple choice tests with a writing component (SAQ, LEQ, DBQ) | Typically one project per unit | Yes |
| Social Studies | AP US History | 11 | Approximately 40 pages of textbook reading | 3-7 hours | 10-12 Reading Quizzes per quarter, 2-3 Vocabulary Quizzes per quarter, 2-3 Multiple Choice Tests as well as Writing Assessments (SAQ, LEQ, DBQ) per quarter | Timelines for each unit | Yes: Only to get ahead for the first unit. Does not have to all be completed by the first week of school. |
| Social Studies | DE US History | 11 | | 5-7 hours | | NOVA Courses: HIS 121-122 (6 credits); NOVA entrance test required; must maintain a 70% average to remain in class (ACPS requirement) | Yes |
| Social Studies | AP US Government & Politics | 12 | 30-40 pages of textbook reading and/or scholarly articles | 3-4 hours | Timed multiple choice and free response questions (FRQs), reading quizzes | Quarterly essays | |
| Social Studies | AP Comparative Government & Politics | 11 & 12 | 30-40 pages of textbook and/or scholarly articles | 3-4 hours | Timed multiple choice and free response questions (FRQs) and chapter quizzes | Quarterly essays and/or projects | No |
| Social Studies | AP Microeconomics | 12 | | 2-3 hours | | Semester Course (with Macroeconomics); students should be comfortable with mathematical reasoning and interpreting graphs; course meets economics graduation requirement - personal finance requirement can be met through an online course | No |

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| Social Studies | AP Macroeconomics | 12 | | 2-3 hours | | Semester Course (with Microeconomics); students should be comfortable with mathematical reasoning and interpreting graphs; course meets economics graduation requirement - personal finance requirement can be met through an online course | No |
| Social Studies | AP Psychology | 11 & 12 | 30-50 pages of textbook reading | 3-4 hours | | Minimum of 1 written project per quarter | No |
| English | AP English Language & Composition | 11 | 50-100 pages of novel reading per week | 5 hours | 4-5 essays per quarter | college portfolio and research paper | No |
| English | AP English Literature | 12 | 60-110 pages of novel or play reading per week | 5-6 hours | 4-5 essays per quarter; quizzes | research or literary analysis paper | No |
| English | DE College Comp | 11-12 | 30 pages of reading per class period | 3-5 (Depending on if there is an essay due that week) | 3 essays per quarter + weekly smaller assignments | NOVA Courses: ENG 111/112 College Composition I & II (6 credits) During the second semester students write a 20-page research-supported essay. | No |
| English | DE World Literature | 12 | up to 50 pages of complex literary texts | 3-4 (additional time for students who seek support on weekly essay writing) | two unit exams and one long essay per quarter, weekly short essays, unit quizzes, weekly discussion posts | Prerequisite: DE College Comp or AP Lang and earned a 3 or better on the AP exam to enroll in this course. NOVA Courses: ENG 251 & 252 Survey of World Lit (6 credits) | |
| Mathematics | AP Calculus AB | 10-12 | 10-15 pages | 6 hours | 1 assessment / week | Prerequisite: Pre-Calculus; the pace of this course is fast and assumes a strong Algebra 2 and Pre-Calculus background. | |
| Mathematics | AP Calculus BC | 10-12 | 20 pages, Multiple problem sets | 8 hours | 1 test /week | Prerequisite: Pre-Calculus; the pace of this course is fast and assumes a strong Algebra 2 and Pre-Calculus background, including polar and parametric functions and sequences. | |

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| Mathematics | AP Computer Science A | 10-12 | 20 pages per week reading/ 30 problems per week | 2hrs. to 3 hrs. | One to two major coding projects. | | n/a |
| Mathematics | AP Computer Science Principles | 9-12 | Major project per quarter. Ten problem per week. Twenty pages of reading per week. | 1 hr. | Two major projects per semester submitted to college board. | | n/a |
| Mathematics | AP Statistics | 11-12 | 6-10 pages of reading to be outlined, 20 problems per week - work is assigned after every class. | 3hrs to 4hrs | 3 quizzes, 2 tests, 2 labs (completed in class) | Final Project - it is the final exam for the course which must be completed by all students including those who participate in the senior experience. Preliminary steps as well as the project are the primary components of the quarter 4 grade. The AP Exam is typically in the second week of May and is a very comprehensive 3 hr, exam. | |
| Mathematics | DE Calculus II | 11-12 | 15 pages | 8 hours/week | 1 test/wk | Prerequisite: AP Calc AB and earned a 4 or better on the AP exam. NOVA Courses: MTH 174 Calc with Analytic Geometry II (5 credits) | |
| Mathematics | DE Calculus III with Differential Equations | 11-12 | 20 pages and 50problems per wk | 9 hours /week | average 1 test per week | Prerequisite: AP Calc BC and earned a 3 or better on the AP exam. NOVA Courses: MTH 291 & 292 Diff Equations (6 credits) | |
| Fine & Performing Arts | AP Music Theory | 10-12 | 20 pages per week | 2-5 hours depending on entry proficiency | average: 1 assessment every two days (first semester is a chapter every 2 days) | Must learn Solfege singing syllables and be comfortable singing in class | Not at this time |
| Fine & Performing Arts | AP Studio Art: Drawing AP Studio Art: 2-D | | | | | These classes have the same exam requirements as listed in AP 3-D section. | |

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| Fine & Performing Arts | AP Studio Art: 3-D Design | 11-12 | | This depends on portfolio art works already completed. | 3-5 Art works created | AP Studio Art Exam consists of 2 portfolios: Sustained Investigation (60% of exam score) . 15 digital images of works of art and design process documentation. Typed responses to prompts about practice, experimentation and revision of art works. Selected Works (40% of exam score) . Digital images of 5 works (2 views of each) with typed responses describing the materials, processes and ideas used. | See Ms. Coast. Students may need to complete summer artwork assignments. |
| Science | AP Biology | 11-12 | Chapter readings, Case studies, Current events | 5+ | Timed multiple choice and free response questions (FRQs) (3-4), Labs (2-3) | Double-blocked Class, Weekly pop quizzes, Midterm in February, Two labs after AP exam, Cat Dissection Project & Practical Assessment | |
| Science | AP Chemistry | 10-12 | a lot (about 3-4 problem sets per week and about 15 pages of reading every 2 weeks) | 5+ | Test (4-5), Labs (4-5) | Two labs after AP exam, Midterm in January, Prereq-Chemistry and Coreq-Pre Calc, double blocked class | no |
| Science | AP Environmental Science | 10-12 | 10-15 pages of reading per week, question sets | 3-4 | 3-4 tests, 6 quizzes, 4-5 labs | Double-block class, prerequisite: biology | |
| Science | AP Physics I | | | | | | |
| Science | AP Physics 2 | 11-12 | About 1-2 problem sets per week | 3-4 | 2 Multiple Choice and 2 Free Response Tests | Prerequisite: AP Physics 1 | |
| Science | AP Physics C | | | | | | |
| World Languages | AP Chinese | | | | | | |

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| World Languages | AP French | 11-12 (may be different for native speakers) | --readings for class = 10 pp./week --additional reading = 45 mins./week --listening exercises = 1-2/week --vocabulary exercises = 4/week | 4-5 hours | --timed quizzes: 3/week --6 unit tests all year (reading, listening, speaking) --6 timed essays (5 paragraphs) per year; required revisions | --Class meets every day. --Class conducted entirely in French. --Practice with French expected every day. | Not at this time. |
| World Languages | AP German | 11 | at home vocabulary practice; occasional readings | 2-3 hours | vocabulary quizzes; proficiency tests (3-4) per quarter; in-class writing/speaking tests | Final project at the end of the year in lieu of a final exam. | No |
| World Languages | AP Latin | 11-12 | -- Readings = 50 lines of poetry or 8 pages of prose per week minimum -- Scholarly readings and written responses = 2 per quarter | 5-6 hours | -- timed quizzes = 5 per quarter -- timed tests = 2 per quarter -- timed essay = 1 per quarter | | Read and translate all 1,800 Latin lines included in the syllabus; the better this is accomplished, the more prepared students will be for class and the more engaged |
| World Languages | AP Spanish Language | | | | | | |
| World Languages | AP Spanish Literature | | | | | | |
| AP Capstone | AP Seminar | 10, 11, 12 | 3 scholarly sources per week, equaling 50+ pages of reading | 5 hours | 1 research paper and 1 presentation per quarter | There are 5 components that make up the AP exam, and the exam starts in January of the school year. | No |
| AP Capstone | AP Research | 11 & 12 | Scholarly research could average 50-75 pages per week | 5 hours | 1 35-50 page dissertation; 1 30 minute presentation | Data collection through surveys, interviews, or both | Recommended reading in specific topic area |