

# AP Course Expectations



## SOCIAL STUDIES

Course	Prerequisites	Amount of reading per class	Outside of class time expected	Tests/Essays/Papers per quarter	Major projects, other info	Summer work
<b>European History</b>	Grades 10-12	10-25 pages of reading from text	10-25 pages of reading	1-2 tests (multiple choice, key terms, essay) 1 Study guide 5-10 Short quizzes 2 Essays (most done in-class) 1 document-based questions	N/A	None
<b>Psychology</b>	Grades 11-12	10 pages per class	1 hr of prep per class	An abstract is assigned for each unit. One AP Practice Essay per unit.	One project per quarter. Project requires research	None
<b>US Government</b>	Grade 12	15-30 pages of reading per class period	1 hour per class	At least 2 major tests, one short paper, and/or weekly current events quizzes per quarter	One paper and/or project per quarter	Topics and Senior Seminar – summer reading assignment
<b>US History</b>	Grade 11	60-80 pages per week	6-8 hours (depending how fast a reader)	Two major exams with multiple-choice and essay questions; two written essays (outside of exams)	Primary and secondary source analysis and research; research paper	Book + paper summer, 2009: <i>Mayflower</i> Summer 2010: <i>1491</i>
<b>Micro &amp; Macro-Economics</b>	Online only Fee required 8 <sup>th</sup> class		10-15 hours per week			

## FINE ARTS

Course	Prerequisites	Pages of reading per class	Outside of class time expected	Tests/Essays/Papers per quarter	Major projects, other info	Summer work
<b>Music Theory</b>	Able to read music	10-15	45 min / class	Daily quizzes. Tests every 2 weeks	Class projects 1 a month, major project 1 a semester	N/A

# MATHEMATICS

Course	Prerequisites	Pages of reading per class	Outside of class time expected	Tests/Essays/Papers per quarter	Major projects, other info	Summer work
<b>Calculus AB</b>	Pre-calculus	Not Applicable but daily homework is assigned	3 hours per week	3 per quarter	1 project per quarter, semester and final exam before the AP	None
<b>Calculus BC</b>	Pre-calculus (A- or better) or placement exam (at least 90%)	Not Applicable but daily homework is assigned	5 hours per week	3 to 4 per quarter	Two cumulative test, final exam before the AP, Post-AP 4 <sup>th</sup> quarter projects	None
<b>Statistics</b>	Pre-calculus (co-enrolled in AB Calc at a minimum)	8.325 pages/night	4-5 hours a week with 95% confidence	2.5 tests/qtr 0.75 essays/qtr (there's more writing than math in this class)	Yes	None
<b>Computer Science</b>	Intro to Computer Science Recommended min grade: A	1-3 pages	Min: 1 hr Max: 3 hrs.	2-3 tests	Need to work independently; complete 2-3 programs per week; Project after AP Exam	None
<b>Multivariable Calculus (sem)</b>	AP Calculus BC	5-6 Material covered in class, but better to read the book in addition	3-4 hours per week, mainly on homework and exam reviews	2.5 tests per quarter, as well as a final exam (worth 20% of the semester grade)	No	None
<b>Linear Algebra(sem)</b>	Multivariable Calculus	5-6 Material covered in class, but better to read the book in addition	3-4 hours per week, mainly on homework and exam reviews	2.5 tests per quarter, as well as a final exam (worth 20% of the semester grade)	One	None
<b>Differential Equations</b>	Multivariable Calculus + Linear Algebra	5-6 Material covered in class, but better to read the book in addition	3-4 hours per week... will take much longer if not done efficiently	2 tests per quarter, as well as a final exam (worth 20% of the semester grade)	Possibly one	None
<b>Complex Analysis</b>	Multivariable Calculus + Linear Algebra	5-6 Material covered in class, but better to read the book in addition	3-4 hours per week... will take much longer if not done efficiently	2 tests per quarter, as well as a final exam (worth 20% of the semester grade)	Possibly one	None
<b>Advanced Math Techniques</b>	Multivariable Calculus	5-6; Material covered in class, better to read the book and student notes in addition	3-4 hours per week... will take much longer if not done efficiently	1 - 2 tests per quarter, as well as a final exam (worth 20% of the semester grade). Tests are take home	None	None

## LANGUAGES

Course	Prerequisites	Pages of reading per class	Outside of class time expected	Tests/Essays/Papers per quarter	Major projects, other info	Summer work
<b>English Language</b>	English 11	10-70 pages per class period for hw (including essays, excerpts, major works)	1-2 hours per class period	6 - 10 (papers, timed essays, creative writing, informal writing exercises, quizzes)	1-2 (including research)	300-400 pages of reading and a writing assignment
<b>English Literature</b>	English 11	100 pages per week (30 per class)	3-5 hours per week depending on how fast you read	1 major paper per quarter 3-4 timed essays per quarter	As assigned	Read one or two books; write a 2-3 page response
<b>Chinese</b>	Chinese 3	Varies according to the unit of studies	Fluctuates depending on unit of studies 1 hour average	Weekly assessments with speaking and writing assessments similar to AP exam given in May	Weekly radio/podcast listening & report; Group cultural projects	Different activities that reinforce proficiency, both oral and written
<b>French Language</b>	French 3	7-9 per class	1 hour, on average, per class	Weekly tests with speaking and writing assessments similar to AP exam given in May	Culminating poetry project in the fourth quarter with other presentations throughout the year	Suggested: watch videos in target language
<b>German Language</b>	German 3	Depends on material we're studying (4 or fewer, typically)	30-60 minutes	Papers: c. 3-4 (increasing 3 <sup>rd</sup> quarter) Tests: about 2-3	Weekly radio/podcast listening & report; Group cultural projects (1-2 per semester)	4 short assignments(article, film, radio, grammar)
<b>Japanese</b>	Japanese 3	Varies according to the unit of studies	Fluctuates depending on unit of studies - 1 hour average	Weekly assessments with speaking and writing assessments similar to AP exam given in May	Thematic projects that reinforce the learning unit. (1-2 per semester)	Different activities that reinforce proficiency, both oral and written
<b>Latin</b>	Latin 3	20 to 40 lines of translation per night	1 hour average	Weekly assessments: quizzes on current material, and review quizzes. AP exam practice, essay writing and multiple choice questions	One major literature project each quarter	Read the <i>Aeneid</i> in English Learn literary analysis terminology
<b>Russian Language</b>	Russian 3	Varies according to the unit of studies	Fluctuates depending on unit of studies 1 hour average	Weekly assessments with speaking and writing assessments similar to AP exam given in May	Weekly radio/podcast listening & report; Group cultural projects (1-2 per semester)	Different online activities in the Russian 3 Virtual Classroom that reinforce proficiency, both oral and written

<b>Course</b>	<b>Prerequisites</b>	<b>Pages of reading per class</b>	<b>Outside of class time expected</b>	<b>Tests/Essays/Papers per quarter</b>	<b>Major projects, other info</b>	<b>Summer work</b>
<b>Spanish Language</b>	Spanish 3	Varies according to the unit of studies	Fluctuates depending on unit of studies 1 hour average	Weekly assessments with speaking and writing assessments similar to AP exam given in May	Weekly radio/podcast listening & report; Group cultural projects (1-2 per semester)	Different activities that reinforce proficiency, both oral and written
<b>Spanish Literature</b>	Spanish 4 or AP Spanish Language	Varies according to the unit of studies	Fluctuates depending on reading 1.5 hour average	Weekly assessments Frequent writing assessments similar to AP exam given in May	Cultural presentation on Lit authors from the reading list	Read "Hundred Years of Solitude" or another major novel. Familiarize with literary analysis terminology

## SCIENCES

<b>Course</b>	<b>Prerequisites</b>	<b>Pages of reading per class</b>	<b>Outside of class time expected</b>	<b>Tests/Essays/Papers per quarter</b>	<b>Major projects, other info</b>	<b>Summer work</b>
<b>Biology</b>	Biology 1	Two chapters/week + professional lit articles; approx. 17 pages per class	4-8 hours per class	Expect chapter assessments each week including 2-3 quizzes	Two labs reports each month; Four debates/discussions with analysis charts; projects vary	Preparatory reading from packets; quiz second week of school on packet; 5 chapters of book
<b>Chemistry</b>	Chemistry 1	10-25 pages	3-5 hours per week	3 to 4 major tests per quarter	Varies at end of year.	None
<b>Physics C</b>	AP Calculus BC (co-req)	15 pages per week	>6 hours per week of quantitative problem solving	Three Major Problem Solving Tests, Minor Quizzes, and Semester Exam	Lab Work: One or more substantial laboratory analysis per quarter (>6 hours)	Recommended: Read the First Three Chapters of the text or equivalent (about 75 pages)