



## AP Night Agenda

<b>7:00-7:20 p.m.</b>	<b>Introduction:</b> <b>AP Course Selection: It's All About BALANCE</b> Ellen Reilly – Principal, McLean High School Paul Stansbery – Director of Student Services Jeffrey Barham – Assistant Principal for AAP Cynthia Hawkins – Advanced Academics Coordinator Sara Wheeler – Assessment Coach	<b>Cafeteria</b>
<b>7:25- 7:40 p.m.</b>	AP World History Presentation	Cafeteria
<b>7:25-8:00 p.m.</b>	Course Information Fair with representatives from each department	
	Capstone English Social Studies General AP info	B175/B177
	Computer Science Fine Arts Math Science	B182/B184
<b>7:45-8:00 p.m.</b>	Computer Science A vs. Computer Science Principles	B186

Please see the McLean HS website and the links below for further informational documents regarding AP classes.

**McLean HS Advanced Academics:**

<https://mcleanshs.fcps.edu/academics/advanced-academics>

**McLean HS Course Catalog:**

<https://insys.fcps.edu/CourseCatOnline/#/frontPanel/438/nocourselist/0/0/0>

## Advanced Placement Course Guide

This information is meant to assist you in deciding what AP courses to take next year. While we want you to challenge yourself academically, we want you to take on the challenges that are right for you at this time; at the same time we want to encourage you to participate in school activities and have a healthy, balanced schedule. Answer the following questions truthfully, talk to teachers, counselors, peers and do some research about what particular schools want to see. Get all the information that you can and then make the best informed decision for you.

### Why am I considering an AP Course?

#### The right reasons

- Love the subject
- Want to learn more about the subject
- I want to go into more depth in this area
- I feel ready to challenge myself in this content

#### The wrong reasons

- Looks good on my resume
- All my friends are taking it
- I am feeling pressured to take it
- I think it will raise my GPA due to the bump

### How much time do I have to devote to these courses?

- |   |                                 |
|---|---------------------------------|
| • Do I have a job?                                  | Hours per day .....             |
| • Do I participate in a sport or activity?          | Hours per day .....             |
| • Do I do volunteer work?                           | Hours per day .....             |
| • Do I have responsibilities at home?               | Hours per day .....             |
| • Time required to do well in <i>each</i> AP course | Hours per day .....             |
|   | <b>Total hours per day.....</b> |

### Other questions to consider before you register

Before you register with your counselor, be sure that you have seriously considered the following questions and discussed them with your parents. While no one expects that they will be overwhelmed by too many commitments, it does tend to happen, even to the best of us.

- Am I taking the course(s) for the right reasons?**
- Do I have enough time in the day for all these commitments?**
- How committed am I to doing well in this course if it proves a challenge for me?**
- What will happen if this course load is difficult and I cannot change my schedule?**
- Would I be willing to adjust hours or give up a job?**
- Would I be willing to drop a sport or activity?**
- Would I be satisfied with a grade less than a B?**

## From the National Association for College Admission Counseling

TABLE 7. PERCENTAGE OF COLLEGES ATTRIBUTING DIFFERENT LEVELS OF IMPORTANCE TO FACTORS IN ADMISSION DECISIONS: FIRST-TIME FRESHMEN, FALL 2017

Factor	N	Considerable Importance	Moderate Importance	Limited Importance	No Importance
Grades in All Courses	173	80.9	10.4	5.8	2.9
Grades in College Prep Courses	171	70.8	17.5	8.8	2.9
Admission Test Scores (SAT, ACT)	172	52.3	30.8	14.5	2.3
Strength of Curriculum	170	51.2	29.4	12.9	6.5
Essay or Writing Sample	168	16.7	36.9	20.8	25.6
Counselor Recommendation	167	10.8	46.1	28.7	14.4
Student's Demonstrated Interest	168	15.5	21.4	34.5	28.6
Teacher Recommendation	168	7.1	46.4	29.2	17.3
Class Rank	172	9.3	27.9	36.0	26.7
Extracurricular Activities	169	3.6	34.9	40.8	20.7
Subject Test Scores (AP, IB)	166	4.2	28.9	28.3	38.6
Portfolio	167	5.4	7.2	27.5	59.9
Interview	168	3.6	14.3	29.2	53.0
Work	169	1.8	17.8	41.4	39.1
SAT II Scores	166	6.6	3.0	19.9	70.5

Note: "College Prep Courses" are not necessarily honors or AP courses. NACAC refers to "College Prep Courses" as core courses in English, Science, Math, and Social Studies (versus the fine and practical arts). AP and Honors come into play when they mention "Strength of Curriculum."

Source:

[https://www.nacacnet.org/globalassets/documents/publications/research/soca17\\_ch3.pdf](https://www.nacacnet.org/globalassets/documents/publications/research/soca17_ch3.pdf)

## List of Advanced Academics Courses at McLean High School

*Electives are italicized, AP Courses are bolded*

### 9<sup>th</sup> grade

<p>English</p> <ul style="list-style-type: none"> <li>English 9 Honors</li> </ul>	<p>Science</p> <ul style="list-style-type: none"> <li>Honors Biology</li> </ul>
<p>Math</p> <ul style="list-style-type: none"> <li>Honors Algebra 2</li> <li>Honors Geometry</li> </ul>	<p>Social Studies</p> <ul style="list-style-type: none"> <li>World History 1 Honors</li> </ul>

### 10<sup>th</sup> grade

<p>CTE</p> <ul style="list-style-type: none"> <li><i>Honors STEM Engineering (prerequisite for all other Honors STEM courses)</i></li> </ul>	<p>Science</p> <ul style="list-style-type: none"> <li>Honors Chemistry</li> </ul>
<p>English</p> <ul style="list-style-type: none"> <li>English 10 Honors</li> </ul>	<p>Social Studies</p> <ul style="list-style-type: none"> <li>World History 2 Honors</li> <li><b>AP World History</b></li> <li><b>AP European History</b></li> <li><b>AP Human Geography</b></li> </ul>
<p>Math</p> <ul style="list-style-type: none"> <li>Honors Algebra 2</li> <li>Honors Geometry</li> <li>Pre-Calculus Honors</li> <li><b>AP Computer Science A</b></li> <li><b>AP Computer Science Principles</b></li> </ul>	

### 11<sup>th</sup> grade (continued on reverse)

<p>CTE</p> <ul style="list-style-type: none"> <li><i>Honors STEM Engineering (prerequisite for all other Honors STEM courses)</i></li> <li><i>Honors STEM Advanced Electronics and Robotics</i></li> <li><i>Honors STEM Research and Development Engineering</i></li> </ul>	<p>Science</p> <ul style="list-style-type: none"> <li>Honors Geosystems</li> <li>Honors Physics</li> <li><b>AP Biology</b></li> <li><b>AP Chemistry</b></li> <li><b>AP Physics 1</b></li> <li><b>AP Physics 2</b></li> <li><b>AP Physics C&amp;M</b></li> <li><b>AP Environmental Science</b></li> </ul>
<p>English</p> <ul style="list-style-type: none"> <li>English 11 Honors</li> <li><b>AP English Language and Composition</b></li> </ul>	<p>Social Studies</p> <ul style="list-style-type: none"> <li>US/VA History Honors</li> <li><b>AP US History</b></li> <li><b>AP Psychology</b></li> <li><b>AP Micro/Macroeconomics</b></li> <li><b>AP European History</b></li> <li><b>AP Human Geography</b></li> </ul>

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11<sup>th</sup> grade (continued from reverse)

<p>Math</p> <ul style="list-style-type: none"> <li>● Honors Algebra 2</li> <li>● Pre-Calculus Honors</li> <li>● <b>AP Calculus AB</b></li> <li>● <b>AP Calculus BC</b></li> <li>● <b>AP Computer Science A</b></li> <li>● <b>AP Computer Science Principles</b></li> <li>● <b>AP Statistics</b></li> <li>● <i>Multivariable Calculus/Linear Algebra</i></li> </ul>	<p>World Languages</p> <ul style="list-style-type: none"> <li>● <b>AP French</b></li> <li>● <b>AP Spanish</b></li> <li>● <b>AP Chinese</b></li> </ul>
<p>Performing Arts</p> <ul style="list-style-type: none"> <li>● <b>AP Music Theory</b></li> </ul>	<p>General</p> <ul style="list-style-type: none"> <li>● <b>*AP Seminar (AP Capstone course 1)</b></li> </ul>

12<sup>th</sup> grade

<p>CTE</p> <ul style="list-style-type: none"> <li>● <i>Honors STEM Engineering (prerequisite for all other Honors STEM courses)</i></li> <li>● <i>Honors STEM Advanced Electronics and Robotics</i></li> <li>● <i>Honors STEM Research and Development Engineering</i></li> </ul>	<p>Science</p> <ul style="list-style-type: none"> <li>● Honors Geosystems</li> <li>● Honors Physics</li> <li>● <b>AP Biology</b></li> <li>● <b>AP Chemistry</b></li> <li>● <b>AP Physics 1</b></li> <li>● <b>AP Physics 2</b></li> <li>● <b>AP Physics C&amp;M</b></li> <li>● <b>AP Environmental Science</b></li> </ul>
<p>English</p> <ul style="list-style-type: none"> <li>● English 12 Honors</li> <li>● <b>AP English Literature and Composition</b></li> </ul>	<p>Social Studies</p> <ul style="list-style-type: none"> <li>● US Government Honors</li> <li>● <b>AP US Government</b></li> <li>● <b>AP Comparative Government</b></li> <li>● <b>AP Psychology</b></li> <li>● <b>AP Micro/Macroeconomics</b></li> <li>● <b>AP European History</b></li> <li>● <b>AP Human Geography</b></li> </ul>
<p>Fine Arts</p> <ul style="list-style-type: none"> <li>● <b>AP Studio Art 2-D Design</b></li> <li>● <b>AP Studio Art 3-D Design</b></li> <li>● <b>AP Studio Art Drawing</b></li> </ul>	<p>World Languages</p> <ul style="list-style-type: none"> <li>● <b>AP Chinese</b></li> <li>● <b>AP French</b></li> <li>● <b>AP German</b></li> <li>● <b>AP Latin</b></li> <li>● <b>AP Spanish</b></li> </ul>
<p>Math</p> <ul style="list-style-type: none"> <li>● Pre-Calculus Honors</li> <li>● <b>AP Calculus AB</b></li> <li>● <b>AP Calculus BC</b></li> <li>● <b>AP Statistics</b></li> <li>● <b>AP Computer Science A</b></li> <li>● <b>AP Computer Science Principles</b></li> <li>● <i>Multivariable Calculus/Linear Algebra</i></li> </ul>	<p>General</p> <ul style="list-style-type: none"> <li>● <b>*AP Seminar (AP Capstone course 1)</b></li> <li>● <b>*AP Research (AP Capstone course 2, if AP Seminar has been taken)</b></li> </ul>
<p>Performing Arts</p> <ul style="list-style-type: none"> <li>● <b>AP Music Theory</b></li> </ul>	

## AP Course Expectations McLean High School

The following chart is meant to convey an **approximation** of how much time is needed to prepare for each class period of the AP Courses. Different teachers for the same course may have slightly different expectations but the time commitment should be about the same. Some students will need less time, and some will need more to do the assignments depending on their skill levels.

To be successful in the AP program, students will need to budget their time taking in account the following:

- These are **COLLEGE LEVEL** courses
- These courses may require more time than non-AP classes
- Students need to factor in time needed for after school activities

AP Course	Reading per week	Prep hours per class	Tests/Essays/Papers, etc.	Major Projects	Summer Assignments
<b>ENGLISH</b>					
AP Language and Composition (11 <sup>th</sup> grade)	Varies depending on unit of study – 30-50 pages est.	Varies by student. Average of 1-2 hours per class	Minimum of 2 timed writings per quarter	Research paper and various other projects throughout the year	Read a short work of literature, usually <i>The Crucible</i>
AP Literature and Composition (12 <sup>th</sup> grade)	Varies depending on unit and difficulty of the text.	Varies by student. Average of 1-2 hours per class	3 essays per quarter -- mix of in and out of class. In class timed writing assignments	Reading group / major research project.	1-2 short works of literature.
<b>FINE ARTS</b>					
AP Studio Art 2-D AP Studio Art 3-D AP Studio Art Drawing (12 <sup>th</sup> grade)	Varies by student	2 hours per class	2 portfolios, 24 artworks, numerous revisions		Students should be creating artwork during the summer, and probably go to an art museum or two
<b>MATH</b>					
AP Computer Science A (10 <sup>th</sup> , 11 <sup>th</sup> or 12 <sup>th</sup> grade)	10-20	1 hour per class	2-3 Unit Tests in each of the 1st 3 quarters.	4th Quarter project	Summer Packet: 2-3 hours
AP Computer Science Principles (10 <sup>th</sup> - 12 <sup>th</sup> grade)	Little outside reading – most done in class	Varies based on in-class progress	Course is made up of 6 big Ideas which include Unit work and assignments. Each Unit has a major project and test.	Class is set up with Project Based learning experiences that take place during class time.	Will include reading a book and writing assignment based on the reading. TBD

AP Course	Reading per week	Prep hours per class	Tests/Essays/Papers, etc.	Major Projects	Summer Assignments
AP Statistics (11 <sup>th</sup> or 12 <sup>th</sup> grade)	20-30	2 hours per class, includes reading, note taking and homework problems	2-3 unit tests per quarter. Quiz or writing assessment almost every 2 class periods. Timed practice Free Responses	Unit 1 Project End of the year major project after the AP exam.	Includes a packet of problems to complete and a short novel with questions. 10-12 hrs.
AP Calculus AB (11 <sup>th</sup> or 12 <sup>th</sup> grade)	10	2 hours per class	~ 2 tests per quarter, study 3-4 hours per test	End of the year major project after the AP exam.	Should spend 3-4 hours on the summer assignment
AP Calculus BC (11 <sup>th</sup> or 12 <sup>th</sup> grade)	0	1.5 hours per class	2-3 per quarter; expect to study 4-6 hours per test	4th quarter portfolio, 4 <sup>th</sup> quarter culminating project after the AP Exam.	none
<b>SCIENCE</b>					
AP Biology (11 <sup>th</sup> or 12 <sup>th</sup> grade)	1 to 2 chapters per week (about 25 pages each)	1-2 hours per class	2 tests/qtr 2 in class essays per quarter 3 quizzes per qtr	2-3 labs with reports per qtr 2 Socratic Seminars per year	Biochemistry review, textbook guided reading Approximately 2-4 hours
AP Chemistry (11 <sup>th</sup> or 12 <sup>th</sup> grade)	Approximately 20. Reading textbook is recommended not required	1-2 hours per class; varies widely by student	2-3 tests/qtr 1 FRQ as quiz per quarter	3-6 lab reports per quarter final exam lab	Review problems (concepts from 1st year course) from ch 1-3 of AP book; 2-6 hours
AP Environmental Science (11 <sup>th</sup> or 12 <sup>th</sup> grade)	One textbook chapter per week Current event article	1-2 hours per class	1 free response per unit 1 current event summary/very brief	1 lab per unit	1st two chapters of the current text. Review questions due for each chapter.
AP Physics 1 (11 <sup>th</sup> or 12 <sup>th</sup> grade)	1-2 chapters	1-2 hours per class	1 multiple choice reasoning test and 1 to 3 essay questions per unit + 3 formal labs/quarter	Science fair or TARC	No summer assignment
AP Physics 2 (12 <sup>th</sup> grade)	1 chapter, 1 or more outside readings per unit	1-2 hours per class	1 multiple choice reasoning test and 1 to 3 essay questions per unit + 3 formal labs/quarter	One culminating end of term project demonstrating multiple standards from AP Physics 1 or 2.	No summer assignment
AP Physics C (12 <sup>th</sup> grade)	varies by student (nothing assigned)	roughly ½ to 1 hour per class, however this varies largely from student to student	2 tests/qtr 3-5 quizzes/qtr	none	No summer assignment

AP Course	Reading per week	Prep hours per class	Tests/Essays/Papers, etc.	Major Projects	Summer Assignments
<b>SOCIAL STUDIES</b>					
AP Comparative Gov't and Politics (12 <sup>th</sup> grade)	40-60 pages per week Reading Quiz after every assignment	1-2 hours per class	3-4 Tests (MC and Short Answer) 1 Paper assigned with project Quarter Vocab Quizzes	1 Project and Essay	No summer assignment
AP European History (10 <sup>th</sup> , 11 <sup>th</sup> or 12 <sup>th</sup> grade)	40 pgs/wk Journal entry twice weekly	1.5-2 hours per class	4 tests per quarter 4 in-class essays per quarter	1-2 DBQs per quarter Short oral report/paper per quarter	Optional book review assignment that is due 5 weeks into 1st quarter.
AP Human Geography (new for 2016-17) (10 <sup>th</sup> , 11 <sup>th</sup> or 12 <sup>th</sup> grade)	30-40 pages per week	1-1.5 hours per class	6 major unit tests with MC and FRQ, geography current events assignments, and map tests by region	Group projects based on religion, culture, and agriculture	No summer assignment
AP Micro/Macro Economics (11 <sup>th</sup> or 12 <sup>th</sup> grade)	20-40 pages per week in a college-level text	1-2 hours per class	Reading quizzes each unit and at least 3 timed MC/FRQ tests per qtr. 2 cumulative finals 1 micro and 1 macro.	One writing assignment (Economics Literacy Project) per quarter One EOY online project for personal finance as dictated by FCPS	No summer assignment
AP Psychology (11 <sup>th</sup> or 12 <sup>th</sup> grade)	30-50 pages per week in a college-level text	1-2 hours per class	Daily reading quizzes and/or note checks 3-5 timed cumulative tests with timed essays per quarter	One major project per quarter	No summer assignment
AP US Government and Politics (12 <sup>th</sup> grade)	60 pages/week	30-60 min per class	2 unit tests per qtr; 2 vocab tests per unit; 3 timed writings per qtr; 2 reading logs & memos per qtr	1 per unit; 2 per qtr	No summer assignment
AP US History (11 <sup>th</sup> grade)	30-40 pages per week	1-2 hours per class	At least 3 tests per quarter, at least 3 essays per quarter	None	No summer assignment
AP World History (10 <sup>th</sup> grade)	40-50 pages per week	1-2 hours per class	Regular Reading Quizzes, 2-3 timed MC and Essays per quarter	1-2 Projects/Essays (per quarter)	No summer assignment



AP Course	Reading per week	Prep hours per class	Tests/Essays/Papers, etc.	Major Projects	Summer Assignments
<b>PERFORMING ARTS</b>					
AP Music Theory (Audition or Permission of Instructor)	20 pages Extensive Listening	1-2 hours nightly	Quarterly tests 3 essays Weekly aural testing	Midterm paper Final composition	No summer assignment
<b>WORLD LANGUAGES</b>					
AP Chinese Language and Culture	TBD	1 hour per class	TBD	TBD	TBD
AP French Language and Culture (5th year)	1-7 pages	1 hour per class	2-3 essays per quarter 1-2 tests per quarter	TBD	No summer assignment
AP German Language and Culture (4 <sup>th</sup> or 5th year)	1-10 pages	1 hour per class	2-3 essays per quarter 1-2 tests per quarter	TBD	No summer assignment
AP Latin (4 <sup>th</sup> year)	10 - 15 pages of Latin with contextual annotations	1.5 hours per class	Block classes have a quiz every class— MC, timed essay, chunk translation. 2-3 test per quarter.	Recitation in Latin of eleven lines of Aeneid	7 hours to read the Aeneid in English
AP Spanish Language and Culture (5th year)	1-7 pages	1 hour per class	2-3 essays per quarter 1-2 tests per quarter	TBD	No summer assignment
<b>GENERAL</b>					
AP Seminar – AP Capstone course 1 (11 <sup>th</sup> grade)*	Varies – 6-plus scholarly articles per week	1-3 hours in addition to class time to work on major projects.	College Board requires one group project and presentation and one individual paper and presentation in addition to a written exam in May as part of the AP Exam score		TBD
AP Research – AP Capstone course 2 (12 <sup>th</sup> grade)*	TBD – This is a new course for 2018- 2019	TBD	Students design, plan, and conduct a year-long research-based investigation to address a research question. An academic paper of 4000–5000 words (with a performance or exhibition of product where applicable) and a presentation with an oral defense.		TBD. In addition, students must have successfully completed AP Seminar

## Comparison of the differences among the various levels of placement

	<b>General Education/College Prep</b>	<b>Honors/Pre-AP</b>	<b>AP</b>
<b>Concepts</b>	Abstraction from concrete examples	Analysis, inference, and abstraction	Analysis, inference, abstraction, interpretation and synthesis leading to complex concept development
<b>Pace</b>	Moderate	Accelerated	Rapid
<b>Scope</b>	Focused	Expanded	In-depth
<b>Instructional Approach</b>	<ul style="list-style-type: none"> <li>• Sequential and guided</li> <li>• Concrete, lineal emphasized</li> <li>• Emphasis on building and reinforcing skills leading to independent learning</li> <li>• Resourcefulness and creative thinking encouraged</li> </ul>	<ul style="list-style-type: none"> <li>• Combination of guided instruction and independent inquiry</li> <li>• Connection established between concrete, literal and abstract, theoretical</li> <li>• Emphasis on building skills leading to independent learning</li> <li>• Resourcefulness and creative thinking encouraged</li> </ul>	<ul style="list-style-type: none"> <li>• Less guided instruction and more independent inquiry</li> <li>• Abstract, theoretical emphasized</li> <li>• Emphasis on independent learning</li> <li>• Resourcefulness and creative thinking encouraged</li> </ul>
<b>Communication Skills (e.g., writing, speaking, listening)</b>	<ul style="list-style-type: none"> <li>• Basic Conventions of correct spoken and written expression</li> </ul>	<ul style="list-style-type: none"> <li>• Correctness of standard convention plus introduction to rhetorical approaches</li> </ul>	<ul style="list-style-type: none"> <li>• Strong degree of proficiency in standard conventions and deliberate rhetorical techniques</li> </ul>
<b>Class Activities (e.g., discussions, problem solving, group work)</b>	<ul style="list-style-type: none"> <li>• Explicitly structured and ordered</li> <li>• Teachers directed, some open-ended activities</li> <li>• Frequent content/skill review</li> </ul>	<ul style="list-style-type: none"> <li>• Moderately structured and ordered</li> <li>• Some student initiative expected</li> <li>• Some content/skill review</li> </ul>	<ul style="list-style-type: none"> <li>• Minimally structured and open-ended activities</li> <li>• Student initiative expected</li> <li>• Infrequent skill review, content review done independently</li> </ul>
<b>Assignments (e.g., homework, projects, papers, research)</b>	<ul style="list-style-type: none"> <li>• Explicitly structured and directed</li> <li>• Some amount of reading/writing required</li> <li>• Independent work reinforces new material introduced in class</li> </ul>	<ul style="list-style-type: none"> <li>• Explicitly structured and moderately directed</li> <li>• Moderate amount of reading/writing required</li> <li>• Independent work requires some new material to be learned outside of class</li> </ul>	<ul style="list-style-type: none"> <li>• Explicitly structured and open-ended</li> <li>• Extensive amount of reading/writing required</li> <li>• Independent work requires significant amount of new material to be learned outside of class</li> </ul>

Adapted from New Trier High School's Levels description

High School Student Schedule Aid	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Total Hours in a Day	24	24	24	24	24	24	24
<u>Sleeping (sleep experts recommend 9 hours a night for proper teen development)</u>	9	9	9	9	9	9	9
<u>School including commuting to and from</u>	0	8	8	8	8	8	0
<u>Total hours for school and sleep</u>	9	17	17	17	17	17	9
<u>Hours left for all other activities</u>	15	7	7	7	7	7	15
<u>Academic Homework*:</u>							
<u>Extracurricular Activities (sports, music, drama, job, etc.)</u>							
<u>Community Service</u>							
<u>Miscellaneous (eating, socializing, etc.)</u>							
<u>TOTAL Hours for Other Activities</u>	0	0	0	0	0	0	0
<u>Hours left over or deficit</u>	15	7	7	7	7	7	15

\* According to McLean High School teachers: AP classes= 1 hour homework nightly, Honors=30 mins-1 hour, College Prep/Gen Ed=30 mins. Times will vary depending on student's study habits.