

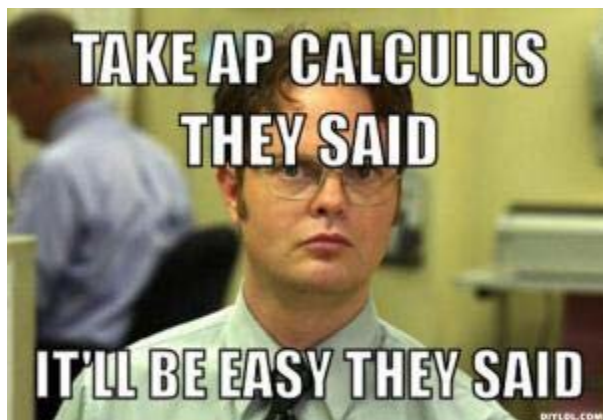
JUST
 $\int du$
IT

**ADVANCED PLACEMENT
2017 SUMMER ASSIGNMENT**

Dear students,

Advanced Placement (AP) classes are challenging, college-level classes that students can take while still attending high school. Schools offer AP classes to high-achieving students who qualify for a more advanced level of work in a specific subject area. AP classes have several advantages such as, experiencing college-level coursework first hand in high school, potentially increasing your GPA, demonstrating your academic seriousness on college applications, and gaining college credits while attending high school. AP classes give an indispensable view into college academics for students. Teachers prepare AP classes similar to college classes, giving students greater independence and requiring a higher level of preparation and analysis.

This summer assignment has been constructed to prepare you for this new and challenging area in your high school career. If followed correctly, you will learn more about your learning style, how to manage your time, critical reading and thinking skills, academic integrity, test taking strategies, college information, and information about the specific AP course you will be taking. AP courses are a great opportunity to experience the rigor of college coursework in a high school setting. The successful completion of AP classes has benefits during both the college application process and undergraduate life. This summer assignment is primarily for enrichment. Congratulations, welcome to AP Calculus!



MCSM

2017 Advanced Placement Summer Assignment

Directions: You are required to **complete 5 assignments** of the 10 given in this calendar. Any additional completed assignments will be counted as extra credit.

- Each complete assignment should:
 - ❖ Have the assignment number.
 - ❖ Have a clear and complete answer that explains your thinking.
 - ❖ Can be typed or hand written as long as it is neat and organized.

	Topic	Assignment	Website	College Board Website
Assignment 1	1. Introduction 2. Why AP?	Journal article: Why take an AP course?	http://www.washingtonpost.com/wp-dyn/content/article/2007/01/28/AR2007012801238.html .	https://apstudent.collegeboard.org/home https://apstudent.collegeboard.org/exploreap/what-it-takes
Assignment 2	Learning Styles	Discover your learning style.	http://www.personal.psu.edu/bxb11/LSI/LSI.htm	https://apstudent.collegeboard.org/exploreap/the-rewards/exam-scores https://apstudent.collegeboard.org/apcourse
Assignment 3	Time Management	Learn how to manage your time.	http://www.dartmouth.edu/~acskills/success/time.html http://guides.frederick.edu/studyskills	https://bigfuture.collegeboard.org/get-started/inside-the-classroom/8-ways-to-take-control-of-your-time https://bigfuture.collegeboard.org/get-started/inside-the-classroom/take-control-of-homework

	Topic	Assignment	Website	College Board Website
Assignment 4	Critical Reading and Thinking	Thinking Critically about Information on the Internet	http://www.salisbury.edu/counseling/new/7_critical_reading_strategies.html	http://blog.cengage.com/tips-students-think-critically-read-online/
Assignment 5	Writing	How do you feel when it is time to write?	https://writing-program.uchicago.edu/undergrads/wic1highschool	https://apstudent.collegeboard.org/exploreap/the-ap-experience
Assignment 6	Academic Integrity	How would you define academic integrity? Give as many examples of academic dishonesty as you can.	http://integrity.ou.edu/students_guide.html	
Assignment 7	Study Skills	How do you study?	http://ucc.vt.edu/academic_support/study_skills_information/study_skills_checklist.html	https://apstudent.collegeboard.org/takingtheexam/exam-policies
Assignment 8	Test Taking Strategies	What do you do when it's test time?	http://www.loyola.edu/department/theology/studyskills/resources.aspx http://	https://apstudent.collegeboard.org/takingtheexam/about-exams https://apstudent.collegeboard.org/takingtheexam/preparing-for-exams
Assignment 9	College Prep	What are you looking for?	https://bigfuture.collegeboard.org/college-search	https://bigfuture.collegeboard.org/college-search
Assignment 10	College Tour	Maximizing the College Tour	https://bigfuture.collegeboard.org/find-colleges/campus-visit-guide	https://bigfuture.collegeboard.org/find-colleges/campus-visit-guide

Welcome Back to School!

MCSM

2017 Advanced Placement Summer Assignment



Assignment 1

Topic: Why AP?

Introduction: A great tool for all AP students to use is the College Board website: <https://apstudent.collegeboard.org/home>. Go to this website and create an account (it's free). We will be exploring this website more throughout the summer.

Assignment: You have decided to take an AP course. In order for you to be successful, we want you to think about why you are taking this course, what motivated you, and do you know the benefits. Let's start with why students take AP classes. Write down in a journal (paper or online) five reasons why you signed up for this course.

Read this article from *The Washington Post*: <http://www.washingtonpost.com/wp-dyn/content/article/2007/01/28/AR2007012801238.html>.

Write a brief summary of the article. How many of your reasons for signing up for an AP course matched with the reasons stated by Jay Mathews (Washington Post)?

What kind of preparation have you completed to get yourself ready to be successful in this AP course? Go to the following website: <https://apstudent.collegeboard.org/exploreap/what-it-takes>.

Write down the three items the College Board lists. Describe how each of the three items applies to you.



Assignment 2

Topic: Learning Styles

Introduction: Many students struggle with study skills. A learning style is a way in which people learn best. Everyone has a mix of learning styles. Some people may find that they have a dominant style of learning, with far less use of the other styles. Before you can concentrate on how to study, you must discover your personal learning style.

Assignment: Go to this website and take the learning style inventory to determine what your personal learning style is:

<http://www.personal.psu.edu/bxb11/LSI/LSI.htm>.

The website you just visited will tell you whether you are a visual, auditory or tactile learner. Each of these in turn have specific types of studying skills that would suit you best (to be discussed on a future lesson).

Record your learning style in your journal. Were you surprised or did it just confirm what you already knew? Record your responses in your journal.

You have decided to take an AP course, so let's look at how the courses are developed and scored. Go to <https://apstudent.collegeboard.org/exploreap/the-rewards/exam-scores> to review the scoring rubric for AP exams. Now, let's review information for your AP course(s). Go to <https://apstudent.collegeboard.org/apcourse> to visit the website of the AP course(s) you will be taking. Take time to review the course details, course description, and test date. Mark the test date on your calendar now!



Assignment 3

Topic: Time Management

Assignment: Everybody at one time or another has problems with managing their time. Managing your time wisely is a skill that you must have on the very first day. It is highly recommended to keep a planner or daily agenda book of all your assignments. If you want to print one out or keep the planner online, this is a good resource: <http://www.dartmouth.edu/~acskills/success/time.html>.

Go to this website: <https://bigfuture.collegeboard.org/get-started/inside-the-classroom/8-ways-to-take-control-of-your-time>. Write in your journal the eight ways to take control of your time and how you plan to utilize these points during the school year.

Go to (<https://bigfuture.collegeboard.org/get-started/inside-the-classroom/take-control-of-homework>). Write the 10 ways to take control of homework in your journal. Highlight or underline the strategies you already utilize.

Assignment 4

Topic: Critical Reading and Thinking

Introduction: The ability to think creatively and critically helps you succeed in AP courses. Critical thinking underlies reading, writing, speaking, and listening. Skilled students, prepared to succeed in an AP course, are critical thinkers. They distinguish between opinion and fact. They ask probing questions and make detailed observations. They uncover assumptions and define their terms. They make assertions carefully, basing them on sound logic and solid evidence. Although human beings are said to be rational creatures, no one is born a critical thinker. This is a learned skill. Use this assignment to empower the master student who lives inside you.

Assignment: Go to <http://blog.cengage.com/tips-students-think-critically-read-online/>. This website gives you information on how to think critically about everything you see online. Practice these new skills by evaluating popular search sites.

Access several search sites on the web, like Google, Bing, and Yahoo. Then choose a specific topic that you like to research – preferably on something related to a paper or other assignments that you will complete for an AP course next year. Use the criteria outlined in the article to evaluate the search sites by comparing the results that you received. Based on your evaluation, keep a list of your favorite search sites that you can use in your AP classes next year.



Assignment 5

Topic: Writing

Introduction: Your communication abilities include listening, speaking, and writing skills. Becoming an effective writer is a critical communication skill important to your success in AP classes. Developing such skills is a constant challenge for most students, yet with practice you can overcome many of the difficulties inherent in effective writing. Use this assignment to enhance your writing skills – laying a foundation for success as a future AP student. Even though the following assignment lays out a step-by-step process, remember that writing is highly personal.

Assignment: How do you feel when it is time to write? Many students suffer from anxiety when asked to complete writing assignments. Some people prefer to avoid writing. As with any anxiety, you can approach writing anxiety by accepting it fully. Begin by telling the truth. In your journal describe exactly what happens when you start to write. What images or thoughts run through your mind? Do you feel any tension or discomfort in your body? Let the images come to the surface without resistance.

Now that you have confronted your feelings about writing, it is time to equip yourself with writing strategies that will help alleviate the stress of writing by enhancing your writing skills.

Go to <https://writing-program.uchicago.edu/undergrads/wic1highschool>. This website is a short guide to college writing that outlines critical difference between high school and college writing. As you prepare to take AP courses in the fall, consider what your teachers may expect from you as you complete various writing assignments.

Assignment 6

Topic: Academic Integrity

Introduction: Academic honesty should be a characteristic that is highly valued. Unfortunately, many students (and adults included) are taking the easy route and just ‘lifting’ someone else’s work, in all walks of life. Teachers give assignments to help students learn an idea, a concept or a skill. By cheating, learning is not taking place and students are not getting the education they need to compete in today’s world.

Assignment: Write in your journal: 1.) How would you define academic integrity? 2.) Give as many examples of academic dishonesty as you can. Go to this website: http://integrity.ou.edu/students_guide.html.

Do the following: Write in your journal how your definition compared to theirs (you might want to write theirs down). How many more examples of academic dishonesty did the website have than you? Were there any that surprised you? List at least five more in your journal that you did not have already.

Using the same website, read the following two articles: What Happens When a Student Is Reported for Academic Misconduct? And, What Kind of Penalties Can Result From Cheating? Write in your journal how you feel about these consequences. Do you think the penalties are too harsh or not harsh enough?



Assignment 7

Topic: Study Skills

Introduction: You are ready to enter into an AP course and effective studying is very important. Studying for some students does not come easy. The important thing is to identify your strengths and weaknesses and work on improving your weaknesses before the course starts. Think about how you have studied in the past and what strategies you used that were most effective.

Assignment: Go to http://ucc.vt.edu/academic_support/study_skills_information/study_skills_checklist.html and answer the questions to the study skills checklist in your journal. In what areas are you weak and need to improve? What areas are your strengths?

Go to <http://www.campusexplorer.com/college-advice-tips/C6CA1844/Top-10-Study-Skills-for-High-School-Students/> and look at the list of tips. What is the one skill you feel is the most important to work on for next year? Write your areas of strengths and weaknesses in your journal.

Think about how you can use these next year in your AP class.

Visit <https://apstudent.collegeboard.org/takingtheexam/exam-policies> to learn about exam policies while taking the AP exams.



Assignment 8

Topic: Test Taking Strategies

Introduction: Whether you are a high school or college student, tests are unavoidable. Learning proper note taking, studying, and test taking strategies are vital parts of improving your performance on exams as well as your academic success. AP tests are difficult and comprehensive, but the format of each subject test is similar.

Assignment: How do you feel when it's time to take a test? What do you do to prepare to take a test? Write your responses in your journal. Take a moment to compare your list with Loyola University's study skills resources.

Go to <http://www.loyola.edu/departments/theStudy/studyskills/resources.aspx>. How do you think this list will prepare you for the AP exam? Think about which strategies you will use for the upcoming school year and record your responses in your journal.

Go to <http://www.apexlearningvs.com/courses/advanced-placement/ap-exam-tips> to see tips on AP tests. What are some tips that you can use for any type of test? How do you think taking an AP test will be different from other tests you have taken?

Go to <https://apstudent.collegeboard.org/takingtheexam/about-exams> to see what is expected on your AP exam day. Then go to <https://apstudent.collegeboard.org/takingtheexam/preparing-for-exams> and take a look at sample questions for the course(s) you will be taking. This will give you a better understanding of the types of questions that are asked on the AP exam.



Assignment 9

Topic: College Prep

Introduction: Many factors will likely enter into your college decision making, such as location, majors and academics, tuition, student life, sports, campus housing, and college ratings. Take time to explore your options and determine what you really want. The information below can help you find the best fit.

Assignment: Use the chart below to think about what you want in a college.

Things to look for:	What do you want? (write your answer here)
1. Location (urban, rural, city campus, campus size)	
2. Extracurricular activities (sports-division, clubs)	
3. Social life/Diversity (Greek system, music, art)	
4. School size/Class size/teacher to student ratio	
5. Academic programs offered (majors, minors, special programs, double majors)	
6. Extras (study abroad, internships, co-ops)	
7. Tuition Costs/Financial Aid (full tuition, academic scholarships, need-based scholarships)	

Visit <https://bigfuture.collegeboard.org/college-search> and begin your search for the college that fits your needs. Keep your list handy so you can find the perfect fit.



Assignment 10

Topic: College Tour

Introduction: You are off to a great start – you have taken the time to consider what you want in a college. Now it is time to develop a plan for getting the most of each visit to the colleges and universities you are considering. A college tour enables you to visit the campus to get a feel for college life at each institution you visit in addition to the facts you will read on the college’s brochure and website.

Assignment: Go to <https://bigfuture.collegeboard.org/find-colleges/campus-visit-guide> to learn when, how, and why students visit college campuses. As you read the various articles posted to this site, record useful tips for experiencing productive college visits, in your journal. Now you are equipped with information, it is time to put into practice what you have learned. Select a college to tour in our very own New York City.

1. Use the contact information below to make an appointment with a college of your choice.

CUNY http://www2.cuny.edu/about/colleges-schools/	SUNY https://www.suny.edu/
NYU https://www.nyu.edu/ Address: 70 Washington Place, 1 st Floor New York, NY 10003 Phone: 212-998-2222	Columbia University http://www.columbia.edu/ Address: 116th Street and Broadway, New York, NY 10027 Phone: 212-854-1754

2. Download the Campus Visit Checklist at <https://bigfuture.collegeboard.org/find-colleges/campus-visit-guide/campus-visit-checklist>.

3. Enjoy the experience of your campus visit and maximize your college visit by applying what you have learned.