



An Introduction to the Advanced Placement Program®

St. Pius X- St. Matthias Academy



Meeting Norms

- Keep audio muted throughout the duration of the meeting.
- Suggested display option - select Speaker View.
- Use chat box to ask questions. Chat box enabled for a brief Q&A at the end.
- Please respect meeting facilitators and fellow participants at all times.

Prayer

Romans 12:6-8

God has also given each of us different gifts to use.

If we can prophesy, we should do it according to the amount of faith we have.

If we can serve others, we should serve.

If we can teach, we should teach.

If we can encourage others, we should encourage them.

If we can give, we should be generous.

If we are leaders, we should do our best.

If we are good to others, we should do it cheerfully.

Welcome

PMA is committed to every student's success.

We believe access to rigorous coursework such as Advanced Placement[®] (AP[®]) plays an important role in that success.

What We'll Cover

- What are Advanced Placement[®] Courses?
- AP[®] Exams
- AP[®] Exam Registration Process (2021-2022)
- What Is It Like to Take AP[®] Courses?
- PMA AP[®] Agreement (due June 4th 2021)
- Q & A



What are Advanced Placement[®] Courses?

Advanced Placement[®] : The Basics

- College-level courses offered in high school
- Students take **AP Exams** beginning in May, measuring their mastery of college-level work
- A score of 3 or higher on an AP Exam can typically earn students college credit and/or placement into advanced courses in college
- Click on the link for more information: [AP Students](#)

AP[®]

AP[®] Exams

AP[®] Exams

- Official College Board exams
- Administered in May
- Typically 2–3 hours and include:
 - Multiple-choice questions
 - Free-response items such as essays, problem solving, document-based questions and oral response
- Click on the link for [course-specific exam information](#)





AP[®] Exam Registration Process (2021-2022)

AP[®] Exam Registration Process - Fall Commitment

❖ August - October

- Students sign up on My AP with College Board

❖ October - November

- AP Coordinator will validate the registration & order the exam before the November deadline

❖ November - March

- Dropped Course: \$40 penalty
- Final payment for exams due by March



What is it like to take AP[®] Courses?

AP[®] Myths & Realities

Myth	Reality
AP courses are for students who always get good grades.	AP courses are for any students who are academically prepared and motivated to take college-level courses.
AP courses are too stressful.	It's no secret that AP courses are challenging. But the support you receive from your classmates and teachers can help you manage the workload.
I don't think I will score high enough on the AP Exam to get college credit.	You don't need to score a 5. Many colleges grant credit — and placement as well — based on a 3 or higher on an AP Exam.
Taking AP courses could hurt my GPA.	Taking AP courses shows colleges that you're willing to challenge yourself academically.
I can't take AP because no one has recommended me.	If you think you're ready to take an AP course, then you're ready to advocate for yourself — just talk to a teacher or counselor.

AP[®] at PMA (2021-2022)

- | | |
|---|---|
| <ul style="list-style-type: none">• English Language & Comp. (11th & 12th)• English Literature & Comp (12th)• Statistics (11-12th)• Calculus AB (11-12th)• AP Computer Science A (11-12th)
- offered thru UC Scout• Biology (11 - 12th)• Computer Science Principles (10 - 12th) - will be offered in person or thru UC Scout | <ul style="list-style-type: none">• European History (10th)• United States History (11th)• Psychology (11th & 12th)• US Government & Politics (12th)• Macroeconomics (12th)• Art & Design: Drawing (11th-12th)• Spanish Lang. & Culture (11-12th)• Spanish Lit. & Culture (11th -12th) |
|---|---|

AP

English Dept.

AP[®] at PMA - English Department

Course Overview: AP English Language & Composition

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style.

AP[®] at PMA - English Department

Course Skills: AP English Language & Composition

- **Rhetorical Situation: Reading** - Explain how writers' choices reflect the components of the rhetorical situation.
- **Rhetorical Situation: Writing** - Make strategic choices in a text to address a rhetorical situation.
- **Claims and Evidence: Reading** - Identify and describe the claims and evidence of an argument.
- **Claims and Evidence: Writing** - Analyze and select evidence to develop and refine a claim.

AP[®] at PMA - English Department

Course Skills: AP English Language & Composition

- **Reasoning and Organization: Reading** - Describe the reasoning, organization, and development of an argument.
- **Reasoning and Organization: Writing** - Use organization and commentary to illuminate the line of reasoning in an argument.
- **Style: Reading** - Explain how writers' stylistic choices contribute to the purpose of an argument.
- **Style: Writing** - Select words and use elements of composition to advance an argument.

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Challenges of AP English Language & Composition

- **Workload:** Writing is the key component for this course. Most writing will be completed in class, however essay revisions will occur outside of class 1-2 weeks per month. Students are required to read independently, primarily non fiction articles and some novels. Participation is mandatory in class discussions as these develop critical thinking skills needed for the course.
- **Time Commitment (Outside of Standard Class Time):** Students will be required to commit 2-6 hours per week for AP Language and Composition outside of class instruction. Time commitment will be contingent on readings, essays, and projects.
- **Exam Format:** The AP English Language and Composition Exam assesses student understanding of the skills and essential knowledge outlined in the course framework. The exam is 3 hours and 15 minutes long and includes 45 multiple-choice questions and 3 free-response questions.

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Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Multiple-choice questions	45	45%	60 minutes
	Reading questions	23–25		
	Writing questions	20–22		
II	Free-response questions	3	55%	2 hours, 15 minutes (includes one 15-minute reading period)
	Question 1: Synthesis (6 points)			
	Question 2: Rhetorical Analysis (6 points)			
	Question 3: Argument (6 points)			40 minutes recommended per essay

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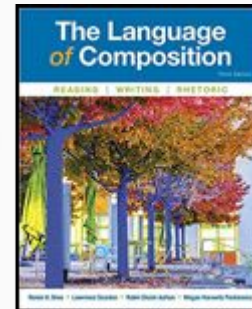
Course Preparation: AP English Language & Composition

Summer Assignment

- Join Google Classroom: [gy5r2ia](#)
- [Summer Assignment - Summer 2021](#)
- **REHUGO Assignment**
 - Student will complete a variety of tasks with a writing component
 - Students are to make connections between texts, film, history, art, etc.
- **Summer Reading**
 - Persepolis by Marjane Satrapi

Required Materials

- **Textbook:** The Language of Composition, 3rd Edition (ISBN: 9781319121648)



- **Novels (1 per quarter):** List will be provided

AP[®] at PMA - English Department

Course Overview: AP English Literature & Composition

AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore literary techniques, such as characterization, setting, structure, perspective, and figurative devices.

- **Units 1, 4, and 7:** Short Fiction
- **Units 2, 5, and 8:** Poetry
- **Units 3, 6, and 9:** Longer Fiction or Drama

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Course Skills: AP English Literature & Composition

- Explain the function of character.
- Explain the function of setting.
- Explain the function of plot and structure.
- Explain the function of the narrator or speaker.
- Explain the function of word choice, imagery, and symbols.
- Explain the function of comparison.
- Develop textually substantiated arguments about interpretations of a part or all of a text.

AP[®] at PMA - English Department

Challenges of AP English Literature & Composition

- **Workload:** This course will provide you with the intellectual challenges and workload consistent with a typical freshman university English Literature course. The reading is challenging; the writing is frequent and requires an independent mind. Students must commit to deeply reading and annotating texts, rather than skimming summaries, such as Shmoop or SparkNotes in order to be successful in this course.
- **Time Commitment (Outside of Standard Class Time):** Students will be required to commit 4-5 hours per week for AP Literature and Composition outside of class instruction. Time commitment will be contingent primarily upon on assigned readings and projects. Most of the writing assignments will be in-class and under a 40 minute timed constraint.
- **Exam Format:** The AP English Literature and Composition Exam assesses student understanding of the skills and essential knowledge outlined in the course framework. The exam is three hours long, includes 55 multiple-choice questions, and three free-response questions.

AP[®] at PMA - English Department

Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Multiple-choice questions	55	45%	60 minutes
II	Free-response questions	3	55%	2 hours
	Question 1: Poetry Analysis (6 points)			40 minutes recommended per essay
	Question 2: Prose Fiction Analysis (6 points)			
	Question 3: Literary Argument (6 points)			

AP[®] at PMA - English Department

Course Preparation: AP English Literature & Composition

Summer Assignment

- Join Google Classroom: [cb23v5s](#)
- [Summer Assignment 2021 - AP English Literature](#)
- After completing *The Awakening*, students will write a two-three page essay according to a teacher assigned prompt.
- After completing *Persepolis*, student will complete a Text to Text, Self, and World written exercise.
- All written work is due the first day of school.

Required Materials

- Summer Novels:
 - *The Awakening* by Kate Chopin
(ISBN: 978-1-699-95400-3)
 - *Persepolis* by Marjane Satrapi
(ISBN-13: 978-0375714573)
- A list of novels and plays for the semester will be provided the first day of class.

AP

Mathematics Dept.

AP[®] at PMA - Mathematics Department

Course Overview: AP Statistics

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

- **Unit 1:** Exploring One-Variable Data
- **Unit 2:** Exploring Two-Variable Data
- **Unit 3:** Collecting Data
- **Unit 4:** Probability, Random Variables, and Probability Distributions
- **Unit 5:** Sampling Distributions
- **Unit 6:** Inference for Categorical Data: Proportions
- **Unit 7:** Inference for Quantitative Data: Means
- **Unit 8:** Inference for Categorical Data: Chi-Square
- **Unit 9:** Inference for Quantitative Data: Slopes

AP[®] at PMA - Mathematics Department

Course Skills: AP Statistics

- **Selecting Statistical Methods** - Select methods for collecting and/or analyzing data for statistical inference.
- **Data Analysis** - Describe patterns, trends, associations, and relationships in data.
- **Using Probability and Simulation** - Explore random phenomena.
- **Statistical Argumentation** - Develop an explanation or justify a conclusion using evidence from data, definitions, or statistical inference.

AP[®] at PMA - Mathematics Department

Challenges of AP Statistics

- **Workload:** AP Statistics is a combination of mathematics skills as well as solving real life problems through analyzing data. This course will challenge your abilities to analyze a situation and use the appropriate inference methods to come up with a solution. The work will require reading, calculations, memorizing terms, methods and plenty of practice.
- **Time Commitment (Outside of Standard Class Time):**
 - Approximately 3-5 hours a week
- **Exam Format:** The AP Statistics Exam assesses student understanding of the skills and learning objectives outlined in the course framework. The exam is 3 hours long and includes 40 multiple-choice questions and 6 free-response questions.

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Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Multiple-choice questions	40	50%	90 minutes
II	Free-response questions	6		
	Part A: Questions 1–5		37.5%	65 minutes
	Part B: Question 6: Investigative task		12.5%	25 minutes

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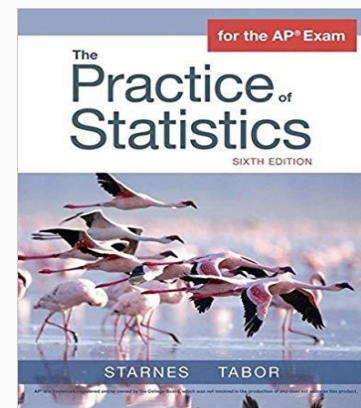
Course Preparation: AP Statistics

Summer Assignment

- Join Google Classroom: [ai4b2qh](#)
- [Summer Assignment: AP Statistics - 2021](#)
- Worksheet: [AP Statistics Summer Assignment Handout \(Parts 1-5\)](#)

Required Materials

- **Textbook:** The Practice of Statistics For the AP Exam - 6th Edition (ISBN 13: 978-1319113339)
- **Calculator:** Graphing Calculator (TI-84 model)



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Course Overview: AP Calculus AB

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

- **Unit 1:** Limits and Continuity
- **Unit 2:** Differentiation: Definition and Fundamental Properties
- **Unit 3:** Differentiation: Composite, Implicit, and Inverse Functions
- **Unit 4:** Contextual Applications of Differentiation
- **Unit 5:** Analytical Applications of Differentiation
- **Unit 6:** Integration and Accumulation of Change
- **Unit 7:** Differential Equations
- **Unit 8:** Applications of Integration

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Mathematical Practices: AP Calculus AB

- **Implementing Mathematical Processes** - Determine expressions and values using mathematical procedures and rules.
- **Connecting Representations** - Translate mathematical information from a single representation or across multiple representations.
- **Justification** - Justify reasoning and solutions.
- **Communication and Notation** - Use correct notation, language, and mathematical conventions to communicate results or solutions.

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Challenges of AP Calculus AB

- **Workload:** Building enduring mathematical understanding requires students to understand the why and how of mathematics in addition to mastering the necessary procedures and skills. The Mathematical Practices for AP Calculus, which explicitly articulate the behaviors in which students need to engage in order to achieve conceptual understanding in the course, are at the core of this curriculum framework.
- **Time Commitment (Outside of Standard Class Time)**
 - Students should allocate 1 - 2 hours per assignment
- **Exam Format:** AP Calculus exam requires a strong conceptual understanding of calculus in conjunction with the application of one or more of the mathematical practices. The AP Calculus AB Exam assesses student understanding of the mathematical practices and learning objectives outlined in the course framework. The exam is 3 hours and 15 minute long and include 45 multiple-choice questions and 6 free-response questions.

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Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Multiple-choice questions			
	Part A: Graphing calculator not permitted	30	33.3%	60 minutes
	Part B: Graphing calculator required	15	16.7%	45 minutes
II	Free-response questions			
	Part A: Graphing calculator required	2	16.7%	30 minutes
	Part B: Graphing calculator not permitted	4	33.3%	60 minutes

AP[®] at PMA - Mathematics Department

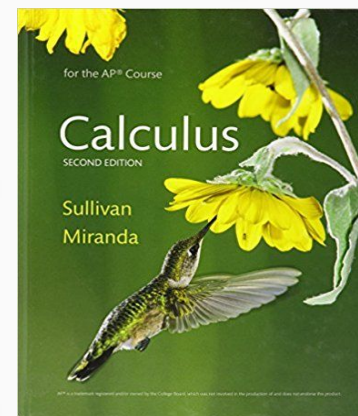
Course Preparation: AP Calculus AB

Summer Assignment

- Join Google Classroom: [dahhzc](#)
- [Summer Assignment: AP Calculus - 2021](#)
- Worksheet: [AP Calculus Summer Assignment 2021](#)
 - Feel free to use your Pre-Calculus textbook/notes or your new AP Calculus textbook as reference for help in addition to the examples that are provided on the worksheet.
 - Proficiency in each of the areas is expected of all students taking AP Calculus.

Required Materials

- **Textbook:** Calculus for the AP Course 2nd Edition, *Sullivan* (ISBN 13: 978-1-4641-4226-0)
- **Calculator:** Graphing Calculator (TI-84 model)



AP[®] at PMA - Mathematics Department

Course Overview: AP Computer Science A

AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.

- **Unit 1:** Primitive Types
- **Unit 2:** Using Objects
- **Unit 3:** Boolean Expressions and if Statements
- **Unit 4:** Iteration
- **Unit 5:** Writing Classes
- **Unit 6:** Array
- **Unit 7:** ArrayList
- **Unit 8:** 2D Array
- **Unit 9:** Inheritance
- **Unit 10:** Recursion

AP[®] at PMA - Mathematics Department

Computational Thinking Practices: AP Computer Science A

- **Program Design and Algorithm Development** - Determine required code segments to produce a given output.
- **Code Logic** - Determine the output, value, or result of given program code given initial values.
- **Code Implementation** - Write and implement program code.
- **Code Testing** - Analyze program code for correctness, equivalence, and errors.
- **Documentation** - Describe the behavior and conditions that produce identified results in a program.

AP[®] at PMA - Mathematics Department

Challenges of AP Computer Science A

- **Workload & Time Commitment**

- Computer Science requires extreme attention to detail, a really good memory, an ability to think abstractly, and the use of creativity and intuition. Students can learn to do all of these things with sufficient time and practice.
- The course requires that solutions of problems be written in the Java programming language. Because the Java programming language is extensive, the AP Computer Science A Exam covers a subset of Java.
- The AP Computer Science A course must include a minimum of 20 hours of hands-on, structured lab experiences to engage students in individual or group problem solving. This course includes a substantial lab component in which students design solutions to problems, express their solutions precisely, test their solutions, identify and correct errors, and compare possible solutions.

- **Exam Format:** The AP Computer Science A Exam assesses student understanding of the computational thinking practices and learning objectives outlined in the course framework. The exam is 3 hours long and includes 40 multiple-choice questions and 4 free-response questions. As part of the exam, students will be given the Java Quick Reference, which lists accessible methods from the Java library that may be included in the exam.

AP[®] at PMA - Mathematics Department

Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Multiple-choice questions	40	50%	90 minutes
II	Free-response questions	4		90 minutes
	Question 1: Methods and Control Structures (9 points)		12.5%	
	Question 2: Class (9 points)		12.5%	
	Question 3: Array/ArrayList (9 points)		12.5%	
	Question 4: 2D Array (9 points)		12.5%	
The exam assesses content from the three big ideas for the course:				
Big Idea 1: Modularity				
Big Idea 2: Variables				
Big Idea 3: Control				

AP[®] at PMA - Mathematics Department

Sample Multiple-Choice Question

Which of the following statements assigns a random integer between 25 and 60, inclusive, to `rn`?

- (A) `int rn = (int) (Math.random() * 25) + 36;`
- (B) `int rn = (int) (Math.random() * 25) + 60;`
- (C) `int rn = (int) (Math.random() * 26) + 60;`
- (D) `int rn = (int) (Math.random() * 36) + 25;`
- (E) `int rn = (int) (Math.random() * 60) + 25;`

Correct Answer: D

AP[®] at PMA - Mathematics Department

Sample Free-Response Question: Methods and Control Structures

This question involves the use of *check digits*, which can be used to help detect if an error has occurred when a number is entered or transmitted electronically. An algorithm for computing a check digit, based on the digits of a number, is provided in part (a).

The `CheckDigit` class is shown at right. You will write two methods of the `CheckDigit` class.

(a) Complete the `getCheck` method, which computes the check digit for a number according to the following rules.

- Multiply the first digit by 7, the second digit (if one exists) by 6, the third digit (if one exists) by 5, and so on. The length of the method's `int` parameter is at most six; therefore, the last digit of a six-digit number will be multiplied by 2.
- Add the products calculated in the previous step.
- Extract the check digit, which is the rightmost digit of the sum calculated in the previous step.

```
public class CheckDigit
{
    /** Returns the check digit for num, as described in part (a).
     * Precondition: The number of digits in num is between one and
     * six, inclusive.
     * num >= 0
     */
    public static int getCheck(int num)
    {
        /* to be implemented in part (a) */
    }

    /** Returns true if numWithCheckDigit is valid, or false
     * otherwise, as described in part (b).
     * Precondition: The number of digits in numWithCheckDigit
     * is between two and seven, inclusive.
     * numWithCheckDigit >= 0
     */
    public static boolean isValid(int numWithCheckDigit)
    {
        /* to be implemented in part (b) */
    }

    /** Returns the number of digits in num. */
    public static int getNumberOfDigits(int num)
    {
        /* implementation not shown */
    }

    /** Returns the nth digit of num.
     * Precondition: n >= 1 and n <= the number of digits in num
     */
    public static int getDigit(int num, int n)
    {
        /* implementation not shown */
    }

    // There may be instance variables, constructors, and methods not shown.
}
```

AP[®] at PMA - Mathematics Department

Course Preparation: AP Computer Science A

Summer Assignment

- **Recommended:** Watch the video "Computer Science Principles Lab: Java" with Doug Winnie at Lynda.com. Released: 11/15/2016. Time: 2 hours, 4 minutes.
- **Recommended:** Watch the video "Learning Java" with Peggy Fisher at Lynda.com. Released: Feb. 26, 2015. Time: 3 hours, 8 minutes.
- **Recommended:** Watch the video "Java Essential Training" with David Gassner at Lynda.com. Released: July 24, 2015. Time: 6 hours, 4 minutes.

Required Materials

- **Textbook:** TBA
- **Prep Book:** TBA

AP[®]

Science Dept.

AP[®] at PMA - Science Department

Course Overview: AP Biology

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions.

- **Unit 1:** Chemistry of Life
- **Unit 2:** Cell Structure and Function
- **Unit 3:** Cellular Energetics
- **Unit 4:** Cell Communication and Cell Cycle
- **Unit 5:** Heredity
- **Unit 6:** Gene Expression and Regulation
- **Unit 7:** Natural Selection
- **Unit 8:** Ecology

AP[®] at PMA - Science Department

Science Practices: AP Biology

- **Concept Explanation** - Explain biological concepts, processes, and models presented in written format
- **Visual Representations** - Analyze visual representations of biological concepts and processes
- **Question and Method** - Determine scientific question and method
- **Representing and Describing Data** - Represent and describe data
- **Statistical Tests and Data Analysis** - Perform statistical tests and mathematical calculations to analyze and interpret data
- **Argumentation** - Develop and justify scientific arguments using evidence

AP[®] at PMA - Science Department

Challenges of AP Biology

- **Workload:** The range and breadth of content covered in AP Biology is extensive. AP Biology differs significantly from the standards-based, high school biology course with respect to the range and depth of topics covered, the kind of laboratory work performed by students, and the time and effort required of the students.
- **Time Commitment (Outside of Standard Class Time):**
 - Readings and note taking are assigned and expected to be completed before we start content discussion in class.
 - Completion of lab work outside of standard class time (zero period, after school & Saturday Sessions)
 - Saturday Practice Exams (April & May 2022)
- **Exam Format:** The AP Biology Exam assesses student understanding of the science practices and learning objectives outlined in the course framework. AP Biology exam requires extensive knowledge of many different topics and requires immense test stamina. The exam is 3 hours long and includes 60 multiple-choice questions and 6 free-response questions. A four-function, scientific, or graphing calculator is allowed on both sections of the exam.

AP[®] at PMA - Science Department

Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Multiple-choice questions	60	50%	90 minutes
II	Free-response questions	6	50%	90 minutes
	Question 1: Interpreting and Evaluating Experimental Results (8–10 pts)			
	Question 2: Interpreting and Evaluating Experimental Results with Graphing (8–10 pts)			
	Question 3: Scientific Investigation (4 pts)			
	Question 4: Conceptual Analysis (4 pts)			
	Question 5: Analyze Model or Visual Representation (4 pts)			
	Question 6: Analyze Data (4 pts)			

AP[®] at PMA - Science Department

Course Preparation: AP Biology

Summer Assignment

- Accept Google Classroom Invite
- [Summer Assignment: AP Biology - 2021](#)
- **Completion of FLINN AP Biology Prep Course Assessments (Units 1-15).** Students will be required to pass a 20-question assessment at the end of each unit to complete a course. A passing grade for an assessment is (16/20). Students will be allowed to retake an assessment until they reach the necessary 16/20 mark.
- **Completion of handwritten notes** from FLINN AP Biology Prep Course (Units 1-15) in a Mead Five Star 5- Subject Spiral Notebook.

Required Materials

- **Textbook:** Campbell Biology in Focus 3rd Edition, AP[®] Edition ©2020 with Mastering Biology with Pearson[®] eText, Urry et al
- **Prep Book:** Pearson Test Prep Series for AP Biology (2020 Edition)
- **Lab Manual:** AP Bio Investigative Labs Student Manual
- **Lab Notebook:** Life Science Student Lab Notebook (ISBN 978-1-930882-35-5)

AP[®] at PMA - Science Department

Course Overview: AP Computer Science Principles

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

- **Big Idea 1:** Creative Development
- **Big Idea 2:** Data
- **Big Idea 3:** Algorithms and Programming
- **Big Idea 4:** Computer Systems and Networks
- **Big Idea 5:** Impact and Computing

AP[®] at PMA - Science Department

Computational Thinking Practices: AP Computer Science Principles

- **Computational Solution Design** - Design and evaluate computational solutions for a purpose.
- **Algorithms and Program Development** - Develop and implement algorithms.
- **Abstraction in Program Development** - Develop programs that incorporate abstractions.
- **Code Analysis** - Evaluate and test algorithms and programs.
- **Computing Innovations** - Investigate computing innovations.
- **Responsible Computing** - Contribute to an inclusive, safe, collaborative, and ethical computing culture.

AP[®] at PMA - Science Department

Challenges of AP Computer Science Principles

- **Workload & Time Commitment:** Computer Science requires extreme attention to detail, a really good memory, an ability to think abstractly, and the use of creativity and intuition. Students can learn to do all of these things with sufficient time and practice. Students must be prepared to dedicate a significant amount of time outside of class time to ensure personal success.
- **Exam Format:** The AP Computer Science Principles Exam assesses student understanding of the computational thinking practices and learning objectives outlined in the course framework. The exam consists of the Create performance task and an end-of-course AP Exam. The Create performance task requires at least 12 hours of dedicated class time for students to complete. The end-of-course exam is 2 hours long and includes 70 multiple-choice questions.

AP[®] at PMA - Science Department

Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Multiple-choice questions	70	70%	120 minutes
	Single-select	57		
	Single-select with reading passage about a computing innovation	5		
	Multi-select	8		
II	Create Performance Task	1	30%	At least 12 hours of class

AP[®] at PMA - Science Department

Sample Multiple-Choice Questions

A digital photo file contains data representing the level of red, green, and blue for each pixel in the photo. The file also contains metadata that describe the date and geographic location where the photo was taken. For which of the following goals would analyzing the metadata be more appropriate than analyzing the data?

- (A) Determining the likelihood that the photo is a picture of the sky
- (B) Determining the likelihood that the photo was taken at a particular public event
- (C) Determining the number of people that appear in the photo
- (D) Determining the usability of the photo for projection onto a particular color background

A certain computer has two identical processors that are able to run in parallel. Each processor can run only one process at a time, and each process must be executed on a single processor. The following table indicates the amount of time it takes to execute each of three processes on a single processor. Assume that none of the processes are dependent on any of the other processes.

Process	Execution Time on Either Processor
X	60 seconds
Y	30 seconds
Z	50 seconds

Which of the following best approximates the minimum possible time to execute all three processes when the two processors are run in parallel?

- (A) 60 seconds
- (B) 70 seconds
- (C) 80 seconds
- (D) 90 seconds

AP[®] at PMA - Science Department

Create Performance Task

In the Create Performance Task, each student designs and implements a computer program that might solve a problem, enable innovation, explore personal interests, or express creativity. Their final program code is accompanied by a video that displays the running of their program and demonstrates functionality, as well as written responses to task prompts.

- ◆ Students have the flexibility to write programs that reflect their interests, which allows them to engage in the study of computer science from a creative perspective. Students will provide evidence of their knowledge of important programming concepts, such as developing algorithms and using abstractions. Students may choose to collaborate during the development of their program, but must submit independently created videos of the program running. Students will independently respond to prompts to demonstrate their understanding of their program, the data, algorithms and abstractions the program uses, and how it will behave under different circumstances. Students may develop their program using a program language of their choice. The programming language selected should contain functionality that is specified in the performance task. HTML is not an acceptable programming language for the Create Performance Task.
- ◆ The Student Handouts for the Create Performance Task can be accessed [here](#).

AP[®] at PMA - Mathematics Department

Course Preparation: AP Computer Science Principles

Summer Assignment

- **Watch Video:** [AP Computer Science Principles Overview Page](#)
- **Read & Review:** [AP Computer Science Principles Overview Page](#)
- **Read & Review:** [AP Computer Science Principles Student Handout](#)
- **Read & Review:** [AP Computer Science Principles Past Exam Questions](#)

Required Materials

- **Textbook:** TBA
- **Prep Book:** TBA

AP[®]

Social Science Dept.

AP[®] at PMA - Social Science Department

Course Overview: AP European History

AP European History is an introductory college-level European history course. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

- **Unit 1:** Renaissance and Exploration
- **Unit 2:** Age of Reformation
- **Unit 3:** Absolutism and Constitutionalism
- **Unit 4:** Scientific, Philosophical, and Political Developments
- **Unit 5:** Conflict, Crisis, and Reaction in the Late 18th Century
- **Unit 6:** Industrialization and Its Effects
- **Unit 7:** 19th-Century Perspectives and Political Developments
- **Unit 8:** 20th-Century Global Conflicts
- **Unit 9:** Cold War and Contemporary Europe

AP[®] at PMA - Social Science Department

Course Skills: AP European History

- **Developments and Processes** - Identify and explain historical developments and processes.
- **Sourcing and Situation** - Analyze sourcing and situation of primary and secondary sources.
- **Claims and Evidence in Sources** - Analyze arguments in primary and secondary sources.
- **Contextualization** - Analyze the contexts of historical events, developments, or processes.
- **Making Connections** - Using historical reasoning processes (comparison, causation, continuity and change), analyze patterns and connections between and among historical developments and processes.
- **Argumentation** - Develop an argument.

AP[®] at PMA - Social Science Department

Challenges of AP European History

- **Workload:**

- Reading and Notes (every day), Quizzes (once a week), Unit Tests (once a Month), Essays (once a Month)

- **Time Commitment (Outside of Standard Class Time):**

- 1 hour per day at home (notes and study), continuous review for AP Test in 2nd semester

- **Exam Format:**

- The AP European History Exam assesses student understanding of the historical thinking skills and learning objectives outlined in the course framework. The exam is 3 hours and 15 minutes long and students are required to answer 55 multiple-choice questions, 3 short-answer questions, 1 document-based question, and 1 long essay question.

AP[®] at PMA - Social Science Department

Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Part A: Multiple-choice questions	55	40%	55 minutes
	Part B: Short-answer questions	3	20%	40 minutes
	Question 1: Secondary source(s)			
	Question 2: Primary source			
	Students select one:			
	Question 3: No stimulus			
	Question 4: No stimulus			
II	Free-response questions	2		
	Question 1: Document-based		25%	60 minutes (includes a 15-minute reading period)
	Students select one:		15%	40 minutes
	Question 2: Long essay			
	Question 3: Long essay			
	Question 4: Long essay			

AP[®] at PMA - Social Science Department

Course Preparation: AP European History

Summer Assignments

Join AP Euro's Google Classroom: [j3klkbn](#)

[Summer Assignment 2021 - AP Euro](#)

Suggested Deadlines for Pacing:

- **Due 6/25** Read and take Cornell notes on Chapter 11 of Spielvogel textbook (Cornell note instructional document provided on google classroom)
- **Due 7/23** Complete a long response essay based on reading from Chapter 11. Prompt, outline, and guide provided on google classroom

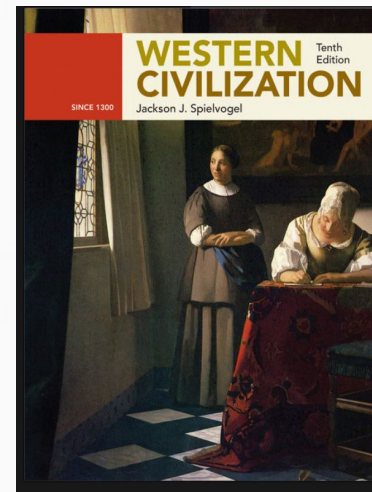
Required Materials

Textbook: [Jackson J. Spielvogel, *Western Civilization Since 1300 10th Edition, 2018*](#)

Recommendation:
Buy textbook now!

Used prices increase dramatically during the first week of school due to demand.

eBook or physical copy are acceptable.



AP[®] at PMA - Social Science Department

Course Overview: AP United States History

AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

- **Unit 1:** Period 1: 1491–1607
- **Unit 2:** Period 2: 1607–1754
- **Unit 3:** Period 3: 1754–1800
- **Unit 4:** Period 4: 1800–1848
- **Unit 5:** Period 5: 1844–1877
- **Unit 6:** Period 6: 1865–1898
- **Unit 7:** Period 7: 1890–1945
- **Unit 8:** Period 8: 1945–1980
- **Unit 9:** Period 9: 1980–Present

AP[®] at PMA - Social Science Department

Course Skills: AP United States History

- **Developments and Processes** - Identify and explain historical developments and processes.
- **Sourcing and Situation** - Analyze sourcing and situation of primary and secondary sources.
- **Claims and Evidence in Sources** - Analyze arguments in primary and secondary sources.
- **Contextualization** - Analyze the contexts of historical events, developments, or processes.
- **Making Connections** - Using historical reasoning processes (comparison, causation, continuity and change), analyze patterns and connections between and among historical developments and processes.
- **Argumentation** - Develop an argument.

AP[®] at PMA - Social Science Department

Challenges of AP United States History

- **Workload:**

- Student Preparation and Expectations: The course requires an practiced level of critical thinking that is surrounded by thematic and content.

- **Time Commitment (Outside of Standard Class Time):**

- Students should expect to spend 1-2 hours of daily reading, homework and studying per night.
- Maintain a Consistent Schedule: Students that have a separate study and homework schedule can maintain personal and academic objectives and expectations.

- **Exam Format:**

- The AP U.S. History Exam assesses student understanding of the historical thinking skills and learning objectives outlined in the course framework. The exam is 3 hours and 15 minutes long and students are required to answer 55 multiple-choice questions, 3 short-answer questions, 1 document-based question, and 1 long essay question.

AP[®] at PMA - Social Science Department

Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Part A: Multiple-choice questions	55	40%	55 minutes
	Part B: Short-answer questions	3	20%	40 minutes
	Question 1: Secondary source(s)			
	Question 2: Primary source			
	Students select one:			
	Question 3: No stimulus			
	Question 4: No stimulus			
II	Free-response questions	2		
	Question 1: Document-based		25%	60 minutes (includes a 15-minute reading period)
	Students select one:		15%	40 minutes
	Question 2: Long essay			
	Question 3: Long essay			
	Question 4: Long essay			

AP[®] at PMA - Social Science Department

Course Preparation: AP United States History

Summer Assignments

- Join APUSH Google Classroom: **7egw6d4**

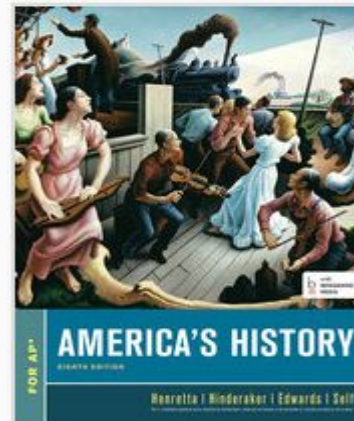
Summer Assignment: AP United States History -2021

Suggested Deadlines for Pacing:

- Due 7/26** Geography of the United States: Complete a map identifying the political boundaries of the United States during the American Revolution and the Civil War.
- Due 8/7** Read and take Cornell notes on the first chapter of the required textbook (see right)

Required Materials

Textbook: [America's History for the AP Course -8th Edition \(ISBN 978-1457673825\)](#)



Supplemental Prep Book: ISBN will be provided in the fall syllabus

AP[®] at PMA - Social Science Department

Course Overview: AP US Government & Politics

- AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of the United States' political system through analysis of data and text-based sources from the founding era to the present as they explore the following topics:
Foundations of American Democracy, Interactions Among Branches of Government, Civil Liberties & Civil Rights, American Political Ideologies & Beliefs, and Political Participation.

- **Unit 1:** Foundations of American Democracy
- **Unit 2:** Interactions Among Branches of Government
- **Unit 3:** Civil Liberties and Civil Rights
- **Unit 4:** American Political Ideologies and Beliefs
- **Unit 5:** Political Participation

AP[®] at PMA - Social Science Department

Course Skills: AP US Government & Politics

- **Concept Application** - Apply political concepts and processes to scenarios in context.
- **SCOTUS Application** - Apply Supreme Court decisions.
- **Data Analysis** - Analyze and interpret quantitative data represented in tables, charts, graphs, maps, and infographics.
- **Source Analysis** - Read, analyze, and interpret foundational documents and other text-based and visual sources.
- **Argumentation** - Develop an argument in essay format.

AP[®] at PMA - Social Science Department

Challenges of AP US Government & Politics

- **Workload:**

- Students are expected to maintain accurate and neat notes which will be studied each night for homework. Reading the assigned material is extremely important.
- Students must be able to interpret and apply 9 required Foundational Documents & 15 required Supreme Court cases to course concepts, theories, and current events.

- **Time Commitment (Outside of Standard Class Time):**

- Chapter readings and notes are expected to be completed before its due date to ensure a productive class discussion
- Worksheets, notes, foundational documents, and course concepts should be studied independently

- **Exam Format:**

- The AP U.S. Government and Politics Exam assesses student understanding of the disciplinary practices and learning objectives outlined in the course framework. AP Government & Politics exam requires extensive knowledge of many different topics and requires immense test stamina. The exam is 3 hours long and includes 55 multiple-choice questions and 4 free-response questions.

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Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Multiple-choice questions	55	50%	80 minutes
II	Free-response questions	4		100 minutes (recommended timing below)
	Question 1: Concept Application (3 points)		12.5%	20 minutes
	Question 2: Quantitative Analysis (4 points)		12.5%	20 minutes
	Question 3: SCOTUS Comparison (4 points)		12.5%	20 minutes
	Question 4: Argument Essay (6 points)		12.5%	40 minutes

AP[®] at PMA - Social Science Department

Course Preparation: AP US Government & Politics

Summer Assignments

- Join AP Government and Politics/AP Macroeconomics Google Classroom: **dckmi7z**

Summer Assignment 2021 - AP Gov & Pol.

- Assignment #1 DUE 6/30:** The Declaration of Independence - Read and analyze key aspects of one Foundational Document.
- Assignment #2 DUE 7/31:** Supreme Court of the United States (SCOTUS) Cases - Research 4 required SCOTUS cases & create a flyer for 1 of the cases.

Required Materials

- Textbook:** [Government in America, Edwards & Wattenberg, 2016 – AP Edition \(ISBN 9780205865758\)](#)



- Supplemental Prep Book:** ISBN will be provided in the fall syllabus

AP[®] at PMA - Social Science Department

Course Overview: AP Macroeconomics

- AP Macroeconomics is an introductory college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.
- **Unit 1:** Basic Economic Concepts
- **Unit 2:** Economic Indicators & the Business Cycle
- **Unit 3:** National Income & Price Determination
- **Unit 4:** Financial Sector
- **Unit 5:** Long-Run Consequences of Stabilization Policies
- **Unit 6:** Open Economy - International Trade & Finance

AP[®] at PMA - Social Science Department

Course Skills: AP Macroeconomics

- **Principles & Models:** Define economic principles and models
- **Interpretation:** Explain given economic outcomes
- **Manipulation:** Determine outcomes of specific economic situation
- **Graphing & Visuals:** Model economic situations using graphs or visual representations

AP[®] at PMA - Social Science Department

Challenges of AP Macroeconomics

- **Workload:**

- Students are expected to maintain accurate and neat notes which will be studied each night for homework. Reading the assigned material is extremely important.

- **Time Commitment (Outside of Standard Class Time):**

- Chapter readings and notes are expected to be completed before its due date to ensure a productive class discussion
- Worksheets, notes, and course concepts should be studied independently

- **Exam Format:**

- The AP Macroeconomics Exam assesses student understanding of the disciplinary practices and learning objectives outlined in the course framework. AP Macroeconomics exam requires extensive knowledge of many different topics and requires immense test stamina. The exam is 2 hours, 10 minutes long and includes 60 multiple-choice questions and 3 free-response questions.

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Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Multiple-choice questions	60	66.65%	70 minutes
II	Free-response questions	3	33.35%	60 minutes (includes a 10-minute reading period)
Question 1: Long (10 points)				
Question 2: Short (5 points)				
Question 3: Short (5 points)				

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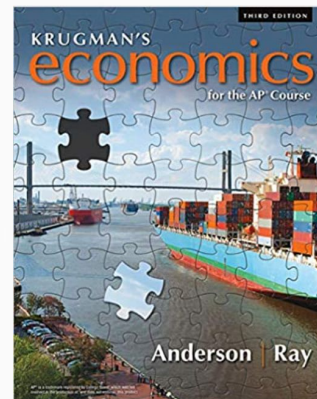
Course Preparation: AP Macroeconomics

Winter Assignment

- Due **AFTER** Winter Break
- **Assignment #1:** Reading in Textbook (More assignment details will be provided in November 2021)
- Topics Covered: Scarcity, Opportunity Cost, Supply & Demand, Equilibrium.

Required Materials

- **Textbook:** [Krugman's Economics for the AP[®] Course, Anderson & Ray, 3rd Edition \(ISBN-13: 978-1319113278\)](#)



- **Supplemental Prep Book:** ISBN will be provided in the fall syllabus

AP[®] at PMA - Social Science Department

Course Overview: AP Psychology

AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

- **Unit 1:** Scientific Foundations of Psychology
- **Unit 2:** Biological Bases of Behavior
- **Unit 3:** Sensation and Perception
- **Unit 4:** Learning
- **Unit 5:** Cognitive Psychology
- **Unit 6:** Developmental Psychology
- **Unit 7:** Motivation, Emotion, and Personality
- **Unit 8:** Clinical Psychology
- **Unit 9:** Social Psychology

AP[®] at PMA - Social Science Department

Course Skills: AP Psychology

- **Concept Understanding** - Define, explain, and apply concepts, behavior, theories, and perspectives.
- **Data Analysis** - Analyze and interpret quantitative data.
- **Scientific Investigation** - Analyze psychological research studies.

AP[®] at PMA - Social Science Department

Challenges of AP Psychology

- **Workload:**

- The range and breadth of content covered in AP Psychology is extensive and requires students to do a lot of independent study to understand the concepts at hand.
- The workload is fast pace and students must stay organized and complete all assigned work
- This class will involve a lot of writing to help in preparation for the AP Exam
- There will be quizzes almost every week and tests at the end of each unit

- **Time Commitment (Outside of Standard Class Time):**

- Readings and note taking are assigned and expected to be completed before we start the unit in class. Lecture and class discussions are to add to further understanding of the content.

- **Exam Format:**

- The AP Psychology Exam assesses student understanding of the skills and learning targets outlined in the course framework. The exam requires extensive knowledge of many different topics and requires immense test stamina. The exam is 2 hours long and includes 100 multiple-choice questions and 2 free-response questions.

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Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Multiple-choice questions	100	66.7%	70 minutes
II	Free-response questions	2	33.3%	50 minutes
	Question 1: Concept Application (7 points)			
	Question 2: Research Design (7 points)			

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Course Preparation: AP Psychology

Summer Assignments

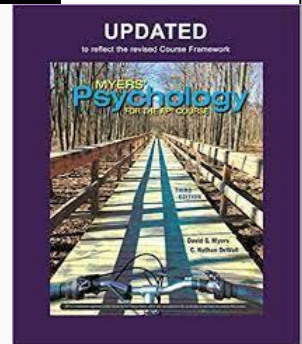
- Join AP Psychology Google Classroom:
2fxhfwd

[Summer Assignment 2021 - AP Psychology](#)

- Assignment #1:** General Understanding of Psychology (PDF of First 2 Chapters)
- Assignment #2:** Vocabulary and History of Psychology Research and Presentation Slides
- Assignment #3:** Understanding Experiments in Psychology Research and Presentations

Required Materials

- Textbook:** Updated Myers Psychology for the AP Course - 3rd Edition (ISBN-13: 978-1319362546)
- Supplemental Prep Book:** [AP Psychology Prep Book: Barron's AP Psychology Premium 9th Edition \(ISBN-13 : 978-1506262086\)](#)





VAPA Dept.

AP[®] at PMA - VAPA Department

Course Overview: AP Art & Design - Drawing

AP Art is an introductory college-level drawing course. Students refine and apply skills and ideas they develop throughout the course to produce drawings that will make up a 2-part portfolio.

- **Big Idea 1:** Investigate materials, processes, and ideas.
- **Big Idea 2:** Make art and design
- **Big Idea 3:** Present art and design

AP[®] at PMA - VAPA Department

Course Skills: AP Art & Design - Drawing

- **Inquiry and Investigation** - Investigate materials, processes, and ideas.
 - Generate possibilities for investigation (not assessed).
 - Describe how inquiry guides investigation through art and design
 - Describe how materials, processes, and ideas in art and design relate to context.
 - Interpret works of art and design based on materials, processes, and ideas used.
- **Making Through Practice, Experimentation, and Revision** - Make works of art and design by practicing, experimenting, and revising.
 - Formulate questions or areas of inquiry that guide a sustained investigation through art and design.
 - Conduct a sustained investigation through art and design that demonstrates practice, experimentation, and revision guided by inquiry.
 - Make works of art and design that demonstrate synthesis of materials, processes, and ideas.
 - Make works of art and design that demonstrate 2-D, 3-D, or drawing skills.
- **Communication and Reflection** - Communicate ideas about art and design.
 - Identify, in writing, questions or inquiry that guided a sustained investigation through art and design.
 - Describe how a sustained investigation through art & design shows evidence of practice, experimentation, & revision guided by inquiry.
 - Describe how works of art and design demonstrate synthesis of materials, processes, and ideas
 - Present works of art and design for viewer interpretation

AP[®] at PMA - VAPA Department

Challenges of AP Art & Design - Drawing

- **Workload:**

- For the Sustained Investigation you will have to produce and demonstrate evidence of a sustained investigation through 15 artworks that show process, practice, experimentation, and revision while striving to achieve synthesis with your inquiry and materials.
- For the Selected Works must have 5 completed works that demonstrate your best work.
- You will be expected to produce a completed artwork every 2-3 weeks to meet the requirements above.


- **Time Commitment (Outside of Standard Class Time):**

- You should be spending about 5 hours a week outside of class on portfolio work.

- **Exam Format:**

- The exam consists of 2 portfolios: Sustained Investigation (60%) and Selected Works (40%).
- The exam also includes a Written Evidence Portion within the Sustained Investigation.

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	Sustained Investigation 60% of total score	Selected Works 40% of total score
AP Drawing Portfolio 	<p>15 digital images and responses to prompts: some may be detail and process images</p> <p>Works demonstrate sustained investigation through practice, experimentation, and revision.</p>	<p>5 physical works or high-quality printed reproductions of physical works and responses to prompts (These 5 works will also be submitted digitally as a backup.)</p> <p>Works each demonstrate synthesis of materials, processes, and ideas using drawing skills.</p> <p>Work may come from the Sustained Investigation section, but it does not have to.</p>

AP[®] at PMA - VAPA Department

Course Preparation: AP Art & Design - Drawing

Google Classroom
code: rdcjw5w

Summer Assignment

[Summer Assignment 2021 - AP Art & Design](#)

- **Visual Journaling**
 - Produce 30 sketches/drawings
 - Explore various mediums and ideas!
- **Reference Photos**
 - Take at least 40 reference photos
- **Art Gallery/Museum Visit**
 - Visit gallery or museum (in person ideally)
 - Produce 1-page write-up/review

Required Materials

- **Textbook:** ISBN-13: 978-0143134091
 - [You Are an Artist: Assignments to Spark Creation](#)
- **5x7 or 8x10 Sketchbook**
(recommendations below)
 - [Canson XL Mixed Media](#) - Good if you plan on painting inside of it
 - [Hardbound Pentelic Sketchbook](#) - Good for traveling
 - [AmazonBasics Classic Blank Notebook](#) - Good for traveling
 - [Strathmore Sketch 400 series](#)

AP

World Languages Dept.

AP[®] at PMA - World Languages Department

Course Overview: AP Spanish Language and Culture

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of the Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

- **Unit 1:** Human geography, educational communities, values & traditions and family structures
- **Unit 2:** Access to technology, health systems, and science and ethics
- **Unit 3:** Visual and Performing arts, aesthetics and literary language
- **Unit 4:** Careers, travels and leisure, social values and traditions
- **Unit 5:** The economy, the environment, social welfare, and social science
- **Unit 6:** Social and personal identities, personal beliefs, and historical figures

AP[®] at PMA - World Languages Department

Course Skills: AP Spanish Language and Culture

- **Comprehend Text** - Comprehend written, audio, visual, audiovisual texts and data (charts, tables & graphs).
- **Make Connections** - Make interdisciplinary and cultural connections.
- **Interpret Text** - Interpret the content of written, audio text (words) and data (charts, tables and graphs).
- **Make Meanings** - Make contextual meanings from words and expressions.
- **Speak to Others** - Communicate interpersonally by speaking with others.
- **Write to Others** - Communicate interpersonally by writing to others.
- **Present Orally** - Communicate through spoken presentations.
- **Present in Writing** - Communicate through written presentations.

AP[®] at PMA - World Languages Department

Challenges of AP Spanish Language and Culture

- **Workload:**

- Engaging in research to make cultural comparisons between your community and a community, region or country in the Spanish-speaking world.
- Developing written interpersonal communication skills by writing about your educated opinions on topics relevant to the Spanish-speaking world.
- Developing your interpretive communication skills by reading authentic texts and writing about current events in the Spanish-speaking world.

- **Time Commitment (Outside of Standard Class Time):**

- Approximately 30-40 minutes per assignment

- **Exam Format:**

- The AP Spanish Language and Culture Exam assesses student understanding of the skills and course learning objectives outlined in the course framework. The exam is just over 3 hours long and includes 65 multiple-choice questions and 4 free-response questions.

AP[®] at PMA - World Languages Department

Section	Question Type	Number of Questions	Exam Weighting	Timing
I	Part A: Multiple-choice questions	30	23%	40 minutes
	Interpretive Communication: Print texts			
	Part B: Multiple-choice questions	35	27%	55 minutes
	Interpretive Communication: Print and audio texts combined and audio texts			
II	Free-response questions	4	50%	88 minutes
	Question 1: Email Reply		12.5%	15 minutes
	Question 2: Argumentative Essay		12.5%	55 minutes
	Question 3: Conversation		12.5%	18 minutes
	Question 4: Cultural Comparison		12.5%	

AP[®] at PMA - World Languages Department

Course Preparation: AP Spanish Language and Culture

Summer Assignment

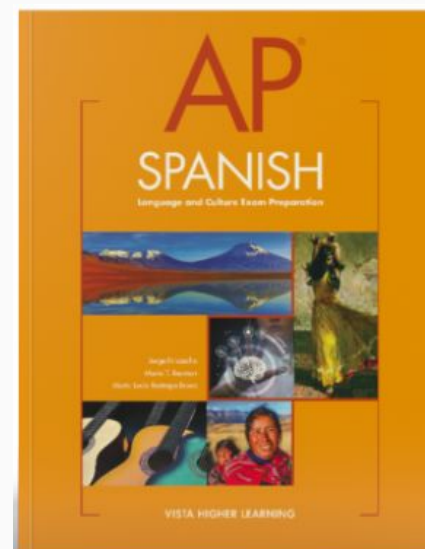
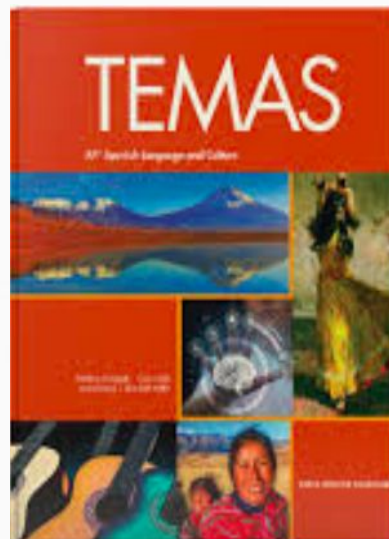
- Join AP Spanish Language Google Classroom by June 18, 2021: **72ulnui**
- [Summer Assignment for AP Spanish Language and Culture \(Summer 2021\)](#)

Suggested Deadlines for Pacing

- **Due July 02, 2021:** Learning Opportunity #1: Speaking Opportunities
- **Due July 23, 2021:** Learning Opportunity #2: Listen to, watch & read what interests you according to the 6 AP themes.
- **Due August 13, 2021:** Learning Opportunity #3: Grammar Review

Required Materials

- ISBN: 978-1-54330-628-6
- ISBN: 978-1-54333-237-7



AP[®] at PMA - World Languages Department

Course Overview: AP Spanish Literature and Culture

AP Spanish Literature is equivalent to a college level introductory survey course of literature written in Spanish. Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language as well as critical reading and analytical writing as they explore short stories, novels, plays, essays, and poetry from Spain, Latin America, and U.S. Hispanic authors along with other non-required texts.

- **Unit 1:** La época medieval
- **Unit 2:** El siglo XVI
- **Unit 3:** El siglo XVII
- **Unit 4:** La literatura romántica, realista y naturalista
- **Unit 5:** La Generación del 98 y el Modernismo
- **Unit 6:** Teatro y poesía del siglo XX
- **Unit 7:** El Boom latinoamericano
- **Unit 8:** Escritores contemporáneos de Estados Unidos y España

AP[®] at PMA - World Languages Department

Course Skills: AP Spanish Literature and Culture

- **Analysis** - Analyze and interpret literary texts and audio sources in the target language
- **Cultural Context and Connections** - Make connections between a literary text and a non-literary text or an aspect of culture
- **Comparing Literary Text** - Compare literary texts
- **Comparing Texts and Art** - Compare how a theme is developed in a text and in a work of art
- **Argumentation** - Develop an effective argument when writing a literary analysis
- **Language and Conventions** - Use accurate language for literary analysis, and apply appropriate conventions of written language
- **Literary Discussions and Presentations** - Engage in discussions about literary texts in the target language

AP[®] at PMA - World Languages Department

Challenges of AP Spanish Literature and Culture

- **Workload:**

- Reading a literary text as a socio-political piece.
- Using art to understand the text and the society for which the text was created.
- Reading all of the genres and 38 authentic texts, meant to be written in Spanish for a Spanish speaking audience, in a short amount of time and recognizing the themes and periods across the 38 authors and texts.

- **Time Commitment (Outside of Standard Class Time):**

- Approximately 50 minutes per reading assignment - reading the text and answering the reading comprehension questions.

- **Exam Format:**

- The AP Spanish Literature and Culture Exam assesses student understanding of the skills and required readings outlined in the course framework. The exam is 3 hours long and includes 65 multiple-choice questions and 4 free-response questions.

AP[®] at PMA - World Languages Department

Section	Question Type	Number of Questions	Weighting	Timing
I	Multiple-choice questions			
	Part A: Interpretive Listening – Audio Texts	15	10%	20 minutes
	Part B: Reading Analysis – Print and Texts	50	40%	60 minutes
II	Free-response questions	4		1 hour, 40 minutes (Recommended timing per question below)
	Question 1: Short-answer – Text Explanation		7.5%	15 minutes
	Question 2: Short-answer – Text and Art Comparison		7.5%	15 minutes
	Question 3: Essay – Analysis of a Single Text		17.5%	35 minutes
	Question 4: Essay – Text Comparison		17.5%	35 minutes

AP[®] at PMA - World Languages Department

Course Preparation: AP Spanish Literature and Culture

Summer Assignment

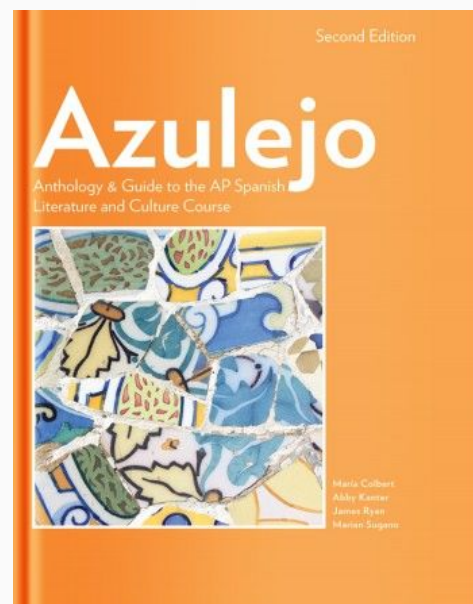
- Join AP Spanish Language Google Classroom by June 4th: **taynatk**
- [AP Spanish Literature and Culture Summer Assignment 2021](#)

Deadlines for Pacing

- **Due July 02, 2021:** Learning Opportunity #1: Research
- **Due July 23, 2021:** Learning Opportunity #2: Literary Language
- **Due August 13, 2021:** Learning Opportunity #3: Summary, Analysis, Comparison & Reflexion

Required Materials

- Textbook: [ISBN: 978-1-938026-23-2](#)





PMA AP Agreement

PMA AP[®] Agreement

- **IMPORTANT: DUE BY JUNE 4TH, 2021**

Complete PMA AP Agreement 2021-2022 by June 4th to secure spot in the class. Click to Complete: [PMA Advanced Placement Course Agreement \(2021-2022\)](#)

- Remember to submit your Federal Eligibility Form in August (if applicable) for the fee reduction
- The AP Exam in May is REQUIRED.



Questions and Answers
Please Use Chat Feature to Ask
Questions