

Segerstrom High School

Advanced Placement Program

AP Potential Student Meeting Friday, February 8, 2019

By Ms. Huezo & Ms. Shin

Resilience

Ownership

Achievement

Respect

Agenda

- Purpose:
 - Why are you here?
 - Benefits of taking AP Courses
- Current 9th Class of 2022
- Current 10th Class of 2021
- Current 11th Class of 2020
- Q & A
- Summer Programs





Why are you here?



- You are here because
 - College Board has recognized your potential to be successful in Advanced Placement Program/ Courses
 - PSAT & ACT scores

Congratulations for being recognized as AP Potential Students!







- Completion of "a g" requirements
- Completion of college entrance exams (SAT, ACT, AP Exams, etc.)
- Students have challenged themselves & are college ready!
 - Enroll in Honors Courses
 - Enroll in AP Courses
- Take the AP exam(s)
- Activities focused on academic and leadership development and college & career preparation.







Benefits of being AP Students

ş,

- 1. Extra points toward your GPA
- 2. Competitive eligibility for university admissions
- 3. Participate in High School courses while earning college credit/ placement (AP scores of 3+)
- 4. Skills preparing for success in college & career
 - a. Writing skills
 - b. Problem-solving techniques & study habits
- 5. Demonstrate maturity, willingness to push yourself intellectually and commitment to academic excellence.

"I take AP to better prepare for college and to receive credit for advanced work that I've already been doing."

"AP gives me confidence going into college. I've already proved to myself that I can do the work."

"AP classes allow me to learn at a higher level and to dive in depth into each subject. My teachers treat the class like a college course rather than a high school class."

> "Because of my AP credits, I had time for an amazing semester studying abroad i Italy and could still graduate from college in four years."

"Segerstrom pays for all of my AP exams while my cousins have to pay for theirs, like \$300 each year for their exams."

"It costs about \$600 for a college course at a university while it's free here in High School."



AP Course Offerings for each grade level



FRESHMAN YEAR	JUNIOR YEAR	SENIOR YEAR
AP Human Geography AP Spanish Language SOPHOMORE YEAR AP Art History AP Calculus AB AP Spanish Lang AP Spanish Lit AP World History AP Psychology	AP Art History AP English Language AP Biology AP Calculus AB/BC AP Chemistry AP Environmental Science AP Physics 1 AP Spanish Language AP Spanish Literature AP French Language AP Psychology AP Studio Art AP US History	AP Art History AP English Literature AP Biology AP Calculus AB/BC AP Chemistry AP Environmental Science AP French Language AP Macroeconomics AP Physics 1 AP Spanish Language AP Spanish Literature AP Statistics AP Psychology AP Studio Art AP U.S Government

AP Courses You Can Take in 12th Grade



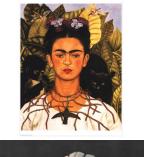
- 1. AP Art History
- 2. AP English Language
- 3. AP Biology
- 4. AP Calculus AB/BC
- 5. AP Chemistry
- 6. AP Environmental Science
- 7. AP French Language
- 8. AP Macroeconomics

- 9. AP Physics 1
- 10. AP Spanish Language
- 11. AP Spanish Literature
- 12. AP Statistics
- 13. AP Psychology
- 14. AP Studio Art
- 15. AP US History
- 16. AP U.S Government



AP Art History

• **Course Description:** This is a survey of art from Prehistory to the present and earns the successful student <u>8 credit transfer to the UC</u> - all Segerstrom students are required to take a VAPA to graduate: <u>Art History is the *only* AP VAPA for non artists</u> (and the only elective worth 8 transfer credits) **Prerequisite(s):** NONE



• Grading Scales:

• **HW**: 40%

Projects and Tests/Quizzes: 60%
 Make-up Policy: Late work is worth half credit



• Expectations:

1 hour / night reading

This class demands both memorization and critical thinking.
*We also strive to go off campus to <u>museums at least 2-4 times per year</u>.



Why & How does art change?

How do we describe our thinking through art?



AP English Literature & Composition (Grade 12)



•Course Description: Students spend the year learning to analyze how authors of fiction use literary devices to convey meaning – lots of reading, writing, and discussion (equivalent to freshman year college English). Prerequisite(s): AP English Language A/B

Grading Scales:

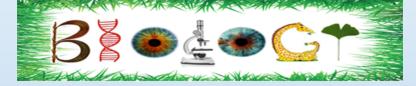
- Essays/Writing 40%
- Tests/Quizzes 40%;
- Homework/Classwork/Class Participation: 10%
- Make-up Policy: Late work accepted for point deduction; assessments by appointments only
- •Assignments: most homework is reading and answering questions about reading to prepare for discussion; variety of tests and timed writing assignments in class; students have opportunities to resubmit work following class discussion
- Assessments: practice AP exams, reading check quizzes/exams, vocabulary, essays

• Expectations:

- •Summer assignment is an opportunity to get a head start on our first novel unit
- •5-6 hours of homework / week (assignments given in advance so students can be flexible with when they complete it;
- •Students must be willing to keep up with reading & manage time well



AP Biology

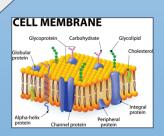




- <u>AP Biology</u>: Study of you (under the microscope)! Topics range from cells to population ecology to biotechnology to evolution! And everything in between. This course is equivalent to one semester of introductory biology or elective credit if you are a biology major.
- <u>Prerequisite(s)</u>: Honors Biology and Honors Chemistry with an A or B in both classes, *OR* CP Biology and CP Chemistry with an A in both. Either way a large work ethic is required and hopefully an interest in the subject matter! (Rarely we allow just H Biology as a prerequisite; must get approval)
- Grading Scales: A 90%-100%; B 80%-89%; C 70-79%; D 60-69%; F 59% and below
 - Assignments (i.e. cornell notes): 10%; Quizzes: 30%; Labs: 30%; Tests: 30%
 *Test Corrections after tests are a great tool to raise grades
 Make-up Policy: Late work accepted for half credit
- Expectations:
 - Summer packet on graphing + some math skills
 - 30 minutes of reading/notes per day (if you don't wait til the day before)

 *Wookly vocabulary quizzos: sometimes you must learn over 30 terms:
 - *Weekly vocabulary quizzes; sometimes you must learn over 30 terms; quizlet provided

With an interest in biology, study skills, and selfbelief you will do great!



AP Calculus AB



• **Course Descriptions**: Calculus is intended for students who have a thorough knowledge of college preparatory mathematics. The study of calculus involves three stages: the limit process, differentiation, and integration. The curriculum for this course is intended to prepare the student to pass the Calculus AP Exam, which is administered in May.

Prerequisite(s):

- Passing Math Analysis Honors with an A, B, or C.
 OR
- Passing Algebra II Honors with 95% or higher (+ Teacher Recommendation)

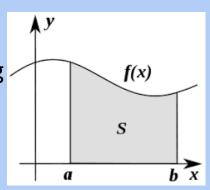
Grading Scale:

• Test/Quizzes: 90%

• Homework: 10%

Expectations:

- It is expected that students who enroll in AP Calculus will seek college credit by passing the AP Exam.
- <u>15-20 homework problems per night</u> (time will vary)



AP Calculus BC



• **Course Descriptions**: Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics taught in Calculus AB plus additional topics. Calculus BC is an extension of Calculus AB.

Prerequisite(s): Completion of AP Calculus AB with a grade of A, B, or C

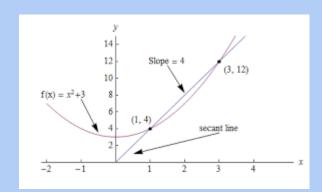
Grading Scale:

• Test/Quizzes: 90%

• Homework: 10%

Expectations:

- Students who take an AP Calculus course should do so with the intention of placing out of a comparable college calculus course by earning a passing score on the AP Exam.
- Improve on skills and knowledge of topics introduced in AP Calculus AB.
- Maintain Segerstrom High School's excellency in success in Calculus BC
 *90% pass rate on AP Exam in 2018



AP Chemistry



• <u>Course Descriptions</u>: A study of the physical laws controlling chemical reactions of atoms, ions and molecules. Students will observe basic principles in the laboratory and report the results through logically structured lab reports. (1st year College Chemistry Equivalent)

Prerequisite(s): A or B in Honors Chemistry

- Grading Scale: A: 75% +, B: 65-75%, C:-45-65%, D: 35-45%, F: 35% -
 - Quizzes/Exams: 60%
 - Experiments: 15%
 - Homework/Classwork: 10%
 - Final: 15%
- Expectations:
 - Summer Enrichment in July, Summer packet + math review
 - <u>0-2 hours of homework per day</u>, varies by the unit and week
 - Homework is mainly practice and finishing assignments, never busy work!



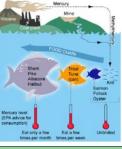


AP Environmental Science

Course Description: 1 year of college environmental science
 Prerequisite(s): Biology, Chemistry or Physics (or any AP science course)

Energy Flow

- Inefficiency means tw things...
- Some materials are difficult to get rid of and remain in the bodies of predators a higher rates than in their prey
- biomagnification
- bioaccumilate: build up in the tissues



Grading Scale:

Make-up Policy: make up work -absent 1 day-all work due the following day,etc

- Assignments: classwork, homework, lab experiments, lab reports, group projects, and group presentations. Group and individual research projects held throughout the course.
 - *Field studies available each month. (BOLSA CHICA ECOLOGICAL RESERVE)
- Assessments: Quizzes and exams every 2 weeks.
 - *AP exam each May at end of course!

• Expectations:

- 3-5 hours of homework / weekly (assignments given daily and weekly, as well as semester long research projects).
- 1 2 hours reading outside classroom required per week!
- Intersession Preparation: Field studies/individual research projects Eco-columns/native plant restoration/marine aquatic testing/plankton studies





AP Physics



- Algebra Based Introductory Physics: (College Equivalency to 1st Semester Intro Physics w/ Lab)
 - AP Physics is the science that explains all of your toys and the moving world around you

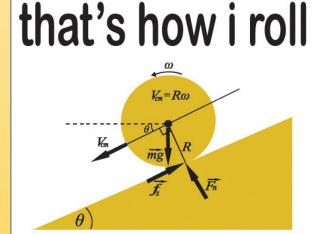
• Prerequisite(s):

- Students should be enrolled in Algebra II Honors or Above
- First year physics course (Usual Path)
 - Passed Honors Chemistry with an A or B
- OR it can be taken as a second year physics course after passing regular physics
- Grading Scale: A 100% 86%, B 85% 75%, C 74% 64%, D 63% 53%
 - Assignments: 15%, Notes: 10%, Labs/Projects: 25%, Tests: 25%, Final: 25%
 - *Test Corrections are available to improve scores

• **Expectations:**

- AP Summer Packet and Build a Self Propelled Car over summer
- 30 min to an hour of Homework per day
- Do Test Corrections when necessary





AP French

- **Course Descriptions:** Emphasis on reading, writing, listening, speaking and cultural Francophone themes. *Seal of Biliteracy
- *Prerequisite(s):* Students should have completed French levels 1,2 and 3 with a C or higher.
- Grading Scales:
 - Make-up Policy:
 - Assignments: Homework is due the day after it was assigned (unless otherwise stated)
 and may include written assignments, reading and studying.
 Students have one day for every day they were absent to turn in assignments.
 - Assessments: students come in on the <u>tutorial day to make up test/quiz</u>.
 *Speaking, reading, and listening are a crucial component for this course.

Expectations:

- Homework consists of a lot of reading and writing (persuasive essays, emails etc.)
- French is the target language of the class.
- Being present in class and listening attentively are key components for success in this class.

AP Spanish Language





• **Course Descriptions:** Focus on reading, writing, listening, speaking, and cultural studies of Spanish Speaking Countries- formal academic Spanish required. Advanced Grammar will be introduced. *Seal of Biliteracy & Spanish Honor Society (to start next year).*

Prerequisite(s): C or higher in Spanish LAC B, Spanish 3, or Spanish 3 Advanced. Students in LAC A wishing to enroll in AP Spanish Language <u>MUST</u> get teacher recommendation and approval from **Mrs. Escutia**

• Grading Scales: Grades are based on points.

Make-up Policy:

- **Assignments:** Students will have as many days as they were absent (excused) to make up missed homework. Assignments not turned in on the due date can be turned in the following day for <u>half</u> <u>credit</u>.
- Assessments: Students come in on the <u>tutorial day following their absence</u> to make up a test/ quiz.

*Students may not wait until intervention to make up missed assessments.

• Expectations:

- Homework includes a lot of studying and reading, not always written HW to be turned in.
- Weekly quizzes/tests on either grammar or reading.
- ATTENDANCE IS KEY TO SUCCESS IN THE CLASS
- Spanish is required throughout the entire class







• **Course Description:** Designed to provide students with a learning experience equivalent to that of an introductory college course in literature written in Spanish.

Prerequisite(s): AP Spanish Language & Culture

• **Requisito:** Haber pasado AP Lenguaje y Cultura con una C+ o mejor, querer aprender a conquistar una lectura difícil, mejorar en la escritura y análisis de las obras literarias.



AP Psychology

Ļ

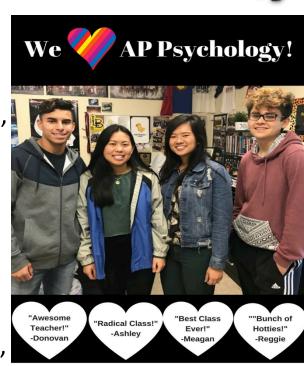
• **Course Description:** Psychology is the scientific study of the behavior and mental processes. Topics include personality, motivation/emotion, sleeping/dreaming, memory/learning, social & abnormal psychology, treatment of psychological disorders, and more.

Prerequisite(s): None

- Grading Scales:
 - **Tests/Quizzes:** 60% *test corrections option to improve scores!
 - Homework/Classwork/Projects/Presentations: 40%
 Make-up Policy: Late work accepted for half credit

Assignments: In-class lectures/discussions, FUN projects, interactive activities, student group-led presentations, vocabulary practice, studying for exams

- Expectations:
 - 30 minutes of homework / night
 - Motivation is of much greater importance to your success than your current level of ability!





AP Studio Art

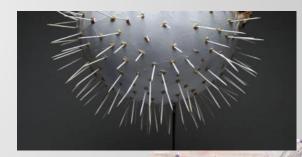


<u>Course Descriptions</u>: The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year

The three AP Studio Art portfolios (2-D Design, 3-D Design, and Drawing) share a basic, three-section structure, which requires you to show a fundamental competence and range of understanding in visual concerns and methods







Prerequisite: Fundamental drawing skills

Grading Scales: Based on points from individual assignments

Expectations: One work of ART each week of the school year including holidays

AP Macroeconomics

Ļ

 Course Descriptions: Teaches an understanding of economic activity/choices, resources and policy making decisions

Prerequisite: None

Grading Scales:

• Assessments: 70%

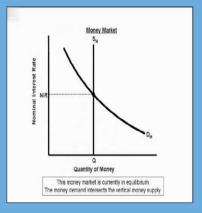
• Assignments: 30%

Make-up Policy: Failed test Must do Test Corrections. FRQ, a Reflection

- Expectations:
 - Prepared for class with materials (pen/paper/binder, etc)
 - 1 Chapter a week (reading) + worksheets/problem sets for practice

*Some Financial Literacy as time allows (Stock game/Budget/Investing)





AP U.S. Government (Grade 12)



• Course Descriptions: ... A semester long senior course where students study the American government & the politics of our current nation.

Prerequisite(s): Have to be a 12th grade student and intended for students interested in the Social Sciences & Humanities.

Grading Scales:

Assignments: 35%

• Assessments: 65%

• Expectations:

The course requires students to read, write and think critically about current events and the politics and public policy of the United States.





- 1. Summer Preparation
- 2. Must remain in AP Courses all year
- 3. Intense reading, writing, and critical thinking activities
- 4. Mandatory study sessions
- 5. Must take the AP Exam(s)







Resilience

Ownership

Achievement

Respect

11th graders: What will you do this summer to stand out to colleges?



Princeton University Summer Journalism Program - www.princeton.edu/sjp

Deadline: February 15

Program dates: August 2 - 12, 2018

Cost: FREE

Congressional Hispanic Caucus Institute "Ready to Lead" Next Gen

www.chchi.org/programs

Deadline: February 17

Cost: FREE

Dates: June 23-28 or July 14-19, 2019 Eligibility: Open to current 9, 10, 11



ASPIRE

Deadline: February 24

https://sites.uci.edu/aspire

10th and 11th graders interested in engineering and computer science

Project SELF Internship Deadline: February 21

Pick-up an app in the HEC

Program dates: June 11 – August 3

Cost: YOU get paid!

UCI Summer Premed Program
Deadline: Early March (program fills
quickly, submit first week of March or
before)

www.som.uci.edu/summerpremed/

Caminos al Futuro

Deadline: March 1

https://cisneros.columbian.gwu.edu/apply-caminos-al-futuro-program

Program dates: June 30 - July 20

Cost: FREE

QuestBridge COLLEGE PREP SCHOLARSHIP

Deadline: March 20 (application opens early February)

www.questbridge.org

Experience Berkeley! Deadline: March 25

http://www.stileshall.org/experienceberkeley/

Cost: FREE Program dates: July 13, August 10, October 12