



Seegerstrom High School

Advanced Placement Program

AP Potential Student Meeting
Friday, February 8, 2019

By Ms. Huezco & Ms. Shin

Resilience

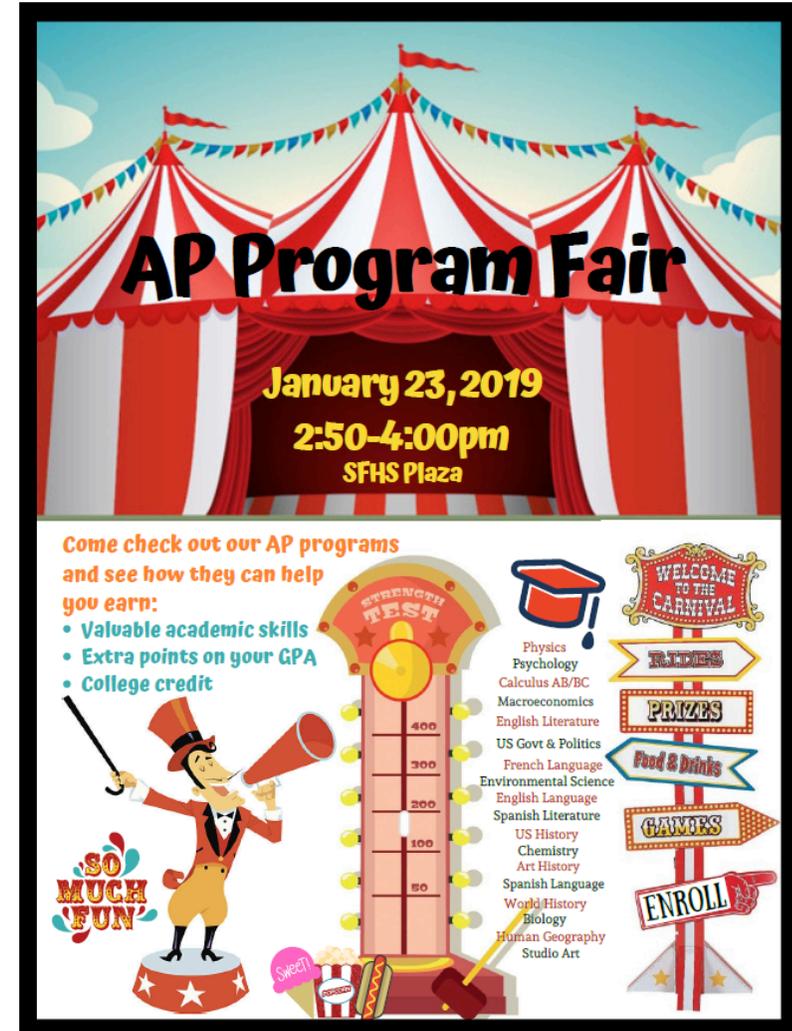
Ownership

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



Resilience

Ownership

Achievement

Respect

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!

Congratulations!



What do colleges look for?

- 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



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 in Italy and could still graduate from college in four years."

"Seegerstrom 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
<p>AP Human Geography AP Spanish Language</p> <p>SOPHOMORE YEAR</p> <p>AP Art History AP Calculus AB AP Spanish Lang AP Spanish Lit AP World History AP Psychology</p>	<p>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</p>	<p>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</p>



AP Courses You Can Take in 11th 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 Physics 1
8. AP Spanish Language
9. AP Spanish Literature
10. AP Psychology
11. AP Studio Art
12. AP US History



Resilience

Ownership

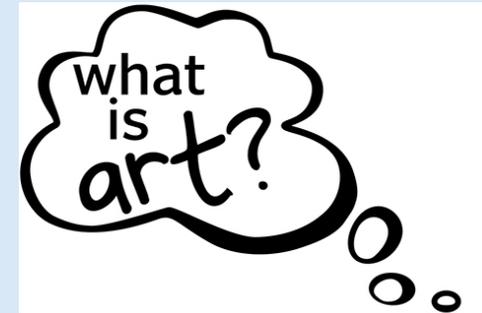
Achievement

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AP Art History

- **Course Description:** This is a survey of art from Prehistory to the present and earns the successful student 8 credit transfer to the UC - all Segerstrom students are required to take a VAPA to graduate: Art History is the *only* AP VAPA for non artists (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 museums at least 2-4 times per year.



Why & How does art change?

How do we describe our thinking through art?

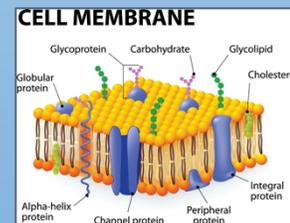


AP Biology



- **AP Biology:** 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.**
- **Prerequisite(s):** 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)
*Weekly vocabulary quizzes; sometimes you must learn over 30 terms; quizlet provided

With an interest in biology, study skills, and self-belief 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):

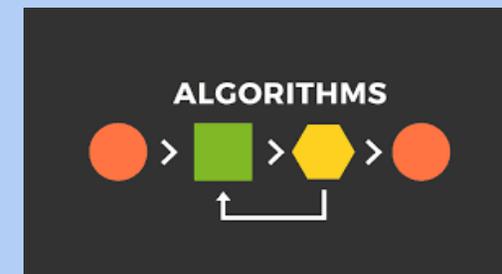
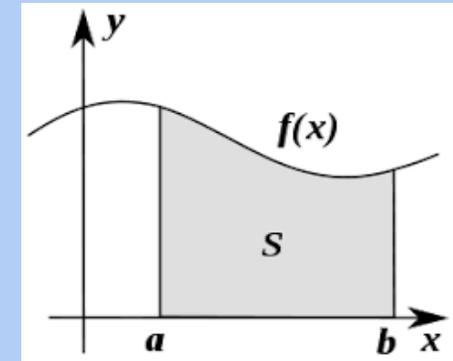
- Passing Math Analysis Honors with an A, B, or C.
OR
- Passing Algebra II Honors with 95% or higher (+ Teacher Recommendation)

- **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.
- 15-20 homework problems per night (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

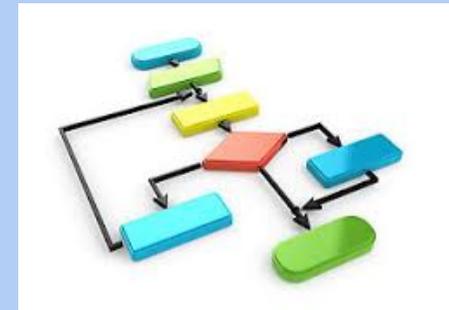
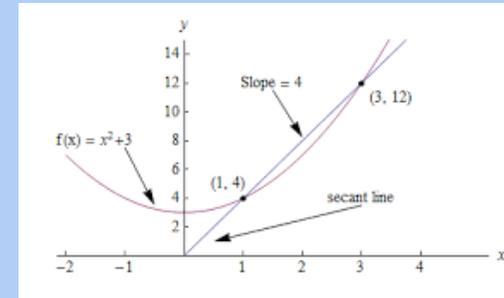
- **Grading Scale:**

- **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*



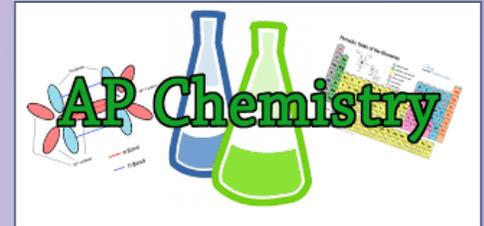
AP Chemistry



- **Course Descriptions**: 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
 - 0-2 hours of homework per day, 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)

- **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.

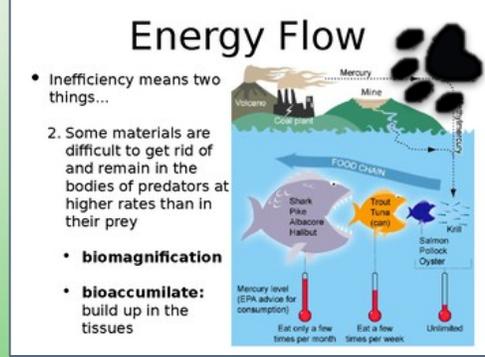
*Field studies available each month. (BOLSA CHICA ECOLOGICAL RESERVE)

- **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 French

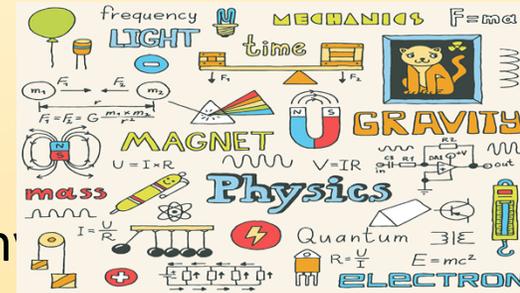


- **Course Descriptions:** Emphasis on reading, writing, listening, speaking and cultural Francophone themes. **Seal of Biliteracy*
- **Prerequisite(s):** Students should have completed French levels 1,2 and 3 with a C or higher.
- **Grading Scales:**
 - **Make-up Policy:**
 - **Assignments:** Homework 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 tutorial day to make up test/quiz.
*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.

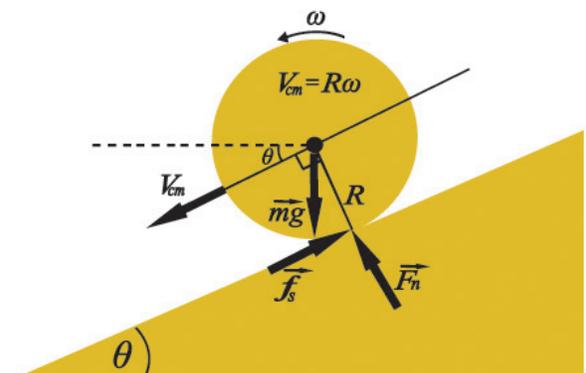
AP Physics



- **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



that's how i roll



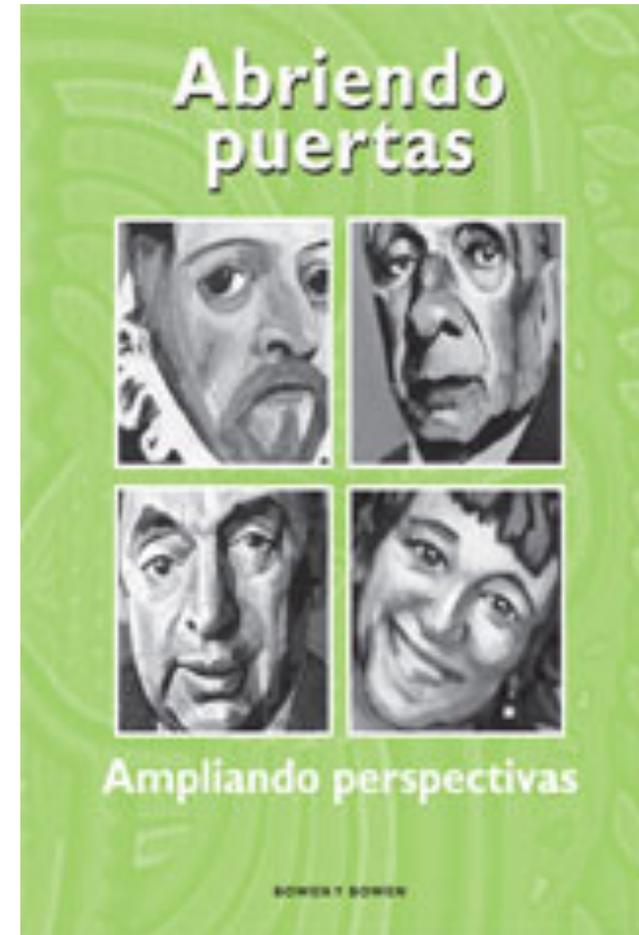
AP Literatura y Cultura Hispánicas



- **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



- **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:**

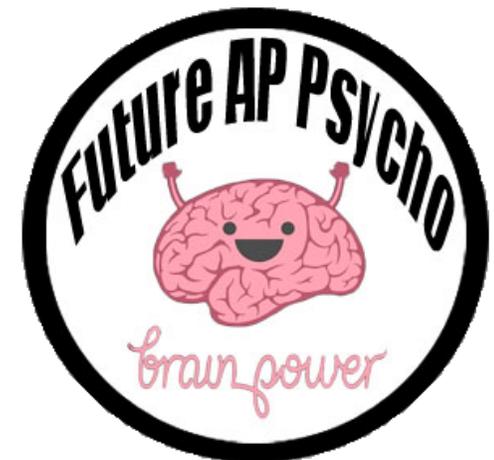
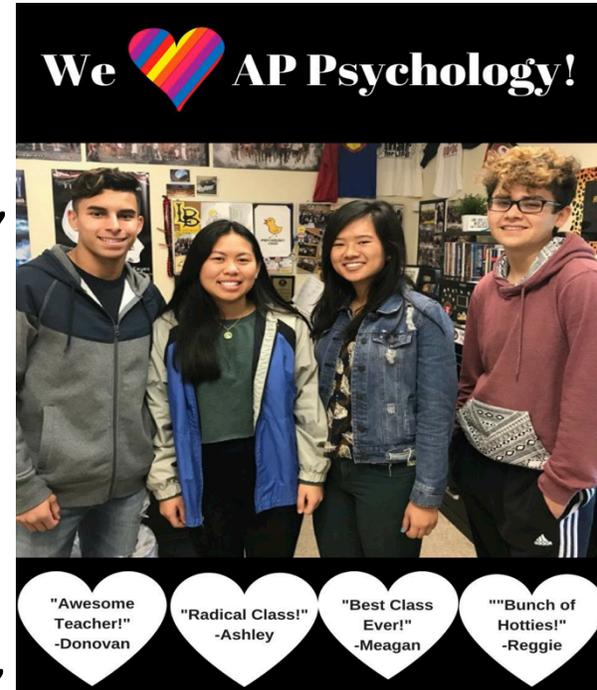
- **Tests/Quizzes:** 60% *test corrections option to improve scores!
- **Homework/Classwork/Projects/Presentations:** 40%

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!**

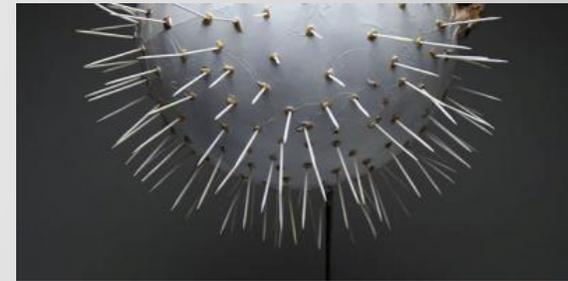




AP Studio Art

Course Descriptions: 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 US History (Grade 11)

- **Course Descriptions:** This course provides an in-depth look at United States history from Columbus' expedition to the New World through present day.

Pre-requite(s): (Highly recommended) Experience in AP World History and/or AP Human Geography. Either an A or B in CP World History. Concurrently enrolled in AP English Language during your junior year.

- **Grading Scales:**

- **Tests/Quizzes:** 50%
- **Essays:** 25%
- **Assignments:** 20%
- **Participation:** 5%

Make-up Policy: No late assignments accepted

*If absent on a testing/writing day, make ups only available during Intervention Fridays.

- **Expectations:**

- AP Summer Assignment: There will be a **MANDATORY** meeting for all students who enroll in APUSH in the Spring to discuss the expectations for summer work and general preparation for the class
- Approximately 1-1 ½ hours of homework per day/5-7 days a week
- *Keys to Success:* Interest in the subject matter, willingness to put in the time outside of class to prepare(reading/note-taking), and a balanced junior schedule.





What to EXPECT?

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



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10th graders: What will you do this summer to stand out to colleges?



SOPHOMORES!
BE THE CHANGE. BECOME A
SIMON SCHOLAR.
SOPHOMORE ASSEMBLY INFO:

JOIN THE FAMILY!
Are you a **3.0 GPA or above** student **motivated to attend a four-year university & make a positive impact** in your community? Do you have **leadership potential** despite **facing obstacles and/or financial hardship**?

SIMON SCHOLARS PROVIDES:

- COLLEGE ADMISSIONS SUPPORT
- LEADERSHIP DEVELOPMENT
- COLLEGE TOURS ACROSS THE USA
- CAREER EXPLORATION
- LIFE SKILLS & FINANCIAL TRAINING
- LAPTOP COMPUTER
- ONGOING SUPPORT & MENTORING
- \$16,000 COLLEGE SCHOLARSHIP!**

APPLY ONLINE!
ONLINE APPLICATION OPENS
JANUARY 1, 2019
SIMONSCHOLARS.ORG/APPLICATION
APPLICATION CODE: **collegebound#1**
APPLICATIONS DUE: **FEBRUARY 21, 2019**
CONTACT YOUR SCHOOL COUNSELOR FOR MORE INFORMATION.

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

UCI Summer Premed Program
Deadline: **Early March (program fills quickly, submit first week of March or before)**
www.som.uci.edu/summerpremed/

Engineering Summer Academy at Penn
Deadline: March 1
<https://esap.seas.upenn.edu/>

LIFEvest Financial Literacy
Deadline: **April 26**
<http://bit.ly/2W1pHCz>

Program dates: June 23-29 or July 14-20 or July 28-August 3, 2019

Program is FREE! Reference code **SAUSDSEGERSTROM** in your app

Expressive Robotics (Ages 12 - 17)
<http://beallcenter.uci.edu/summer-camps>
Deadline: May 20
Scholarships available!