



2019 AEF SUMMER HIGH SCHOOL PROGRAM
For Incoming 9th, 10th, 11th, and 12th Grade Students

Class Catalog

AEF Summer High School Dates:

Thursday, June 13 – Wednesday, July 17th
Hours: 7:30 AM – 12:55 PM, 1:45 PM – 4:00 PM
5 weeks, 5 days per week program
Monday- Friday

LOCATION:

San Gabriel High School
801 S. Ramona Street
San Gabriel, CA 91776

Online Registration Only:

Early Bird Registration Begins March 18th – April 14th
(Includes non-AUSD students from private and public high schools from surrounding areas.)

@ website: www.aef4kids.com

TUITION: \$ 500/10 CREDIT COURSE
\$250/5 CREDIT COURSE
On-Site Registration June 13 – June 14
\$560 per class/10 credit course
\$265 per 5 credit course

Students must register based on the grade they will be entering in Fall of 2019

Classes will be filled on a first-come, first served basis.

AEF SUMMER SCHOOL HIGH SCHOOL

Alhambra Educational Foundation

1603 Chestnut Street, Alhambra, CA 91803

626-943-3080

website: [www.AEF4 KIDS.com](http://www.AEF4KIDS.com)

email: summerschool@aef4kids.com

Important – Please read!

Alhambra Educational Foundation (AEF) Summer High School instruction is compressed into an extremely short time frame. Each summer high school day is equal to one week of instruction in regular high school. Students may be assigned one hour of homework for every hour of instruction. Refund, attendance, and grade credit policies will be strictly enforced. AEF Summer High School requires a serious commitment by both students and parents. The AEF Summer High School is accredited by the Western Association of Schools and Colleges (WASC).

Classes will be filled on a first-come first-served basis. Please remember that the AEF also sponsors the K-8 Summer Academy for students entering Kindergarten through 8th grade.

AEF Summer High School does not provide educational programs for students who qualify for special education and have an active individualized Educational Program (IEP).

AEF Summer High School provides educational opportunities and does not fall under the federal guidelines governing childcare facilities. Although AEF is a non-profit organization, tuition for the AEF Summer High School classes is not considered a tax-deductible expense under current IRS guidelines. **AEF will not provide a tax ID# or receipts for income tax purposes.**

MATHEMATICS

Integrated Math I Bridge **5 credits** **Elective** **9th graders only**

Incoming ninth graders will review and master basic math concepts, such as, decimals, fractions, division, calculations, shapes, areas, square roots, and graphs. This course will help students prepare for Math 1.

Integrated Math I **10 Math Credits** **UC approved** **9th graders only**

Students practice solving problems and expressing solutions in multiple ways while learning how various mathematics disciplines are connected in this course, students formalize, generalize and extend math concepts.

Integrated Math II **10 Math Credits** **UC approved** **10th**

This course focuses on increasing students' complete mathematical understanding as they work with geometric relationships, coordinate planes, trigonometric ratios, and quadratic functions.

Integrated Math III **10 Math Credits** **UC approved** **11th**

Students apply mathematical understanding as they work with geometric relationships, coordinate planes, trigonometric ratios, and quadratic functions.

Trig/Pre-Calculus **10 Math Credits** **UC approved** **10th, 11th, 12th**

Prerequisite: Grade "C or above" in Algebra II. The course combines the many trigonometric, geometric and algebraic techniques needed for the preparation of the study of Calculus. The course is designed to strengthen the conceptual understanding of mathematical reasoning when solving problems.

Elementary Calculus **10 Math Credits** **UC approved** **11th, 12th**

Prerequisite: Grade "C or above" in Trig/Pre-Calc or Integrated Math III. This course reviews the applications and language of Trig/Pre-Calc with increased emphasis on functions, limits, continuity, differentiation and integration of polynomials, circular-exponential-logarithmic functions, maxima, minima, inflection points, and applications to problems in science.

SCIENCE

Chemistry **10 Science Credits** **UC approved** **10th, 11th, 12th**

Prerequisite: Grade "C or above" in last English class and teacher/counselor approval. This course is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students use science process skills to study the fundamental structure of atoms, the way atoms combine to form compounds, and the interactions between matter and energy.

Biology **10 Science Credits** **UC approved** **9th – 12th**

Students in Biology, a laboratory science course, investigate the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of biotic and abiotic components of the environment.

Environmental Sciences **10 Science Credits** **UC approved** **9th – 12th**

Environmental Science is a laboratory science course that enables students to develop an understanding of natural and man-made environments and environmental problems the world faces. Students explore environmental science concepts through a inquiry-based approach.

SUMMER HIGH SCHOOL COURSE DESCRIPTIONS

SOCIAL SCIENCE

World History **10 Social Science Credits** **UC approved** **10th, 11th, 12th**

Prerequisite: Grade "C or above" in your Spring 2019 English class. Students will be introduced to a broad background of cultures and political roots. Emphasis will be put on critical thinking skills and writing essays, research papers, and timed-writing during chapter tests.

U.S. History **10 Social Science Credits** **UC approved** **10th, 11th, 12th**

Prerequisite: Grade "C or above" in your Spring 2019 English class. The course begins with a review of the settlement of the colonies and the American Revolution, to westward expansion, the Civil War and Reconstruction. This should provide the students with a connection to their past learnings.

U.S. Government **5 Social Science Credits** **UC approved** **10th, 11th, 12th**

Prerequisite: Grade "C or above" in your Spring 2019 English class. In this three-week course, students apply knowledge gained in previous years of study to pursue a deeper understanding of the institutions of American Government. In addition, they draw on their studies of World and American history and geography and other societies.

Economics **5 Social Science Credits** **UC approved** **10th, 11th, 12th**

Prerequisite: Grade "C or above" in your Spring 2019 English class. The general objective of a high school economics course is for students to master fundamental economic concepts, understand how these concepts relate to each other, and understand the structure of economic systems.

ENGLISH/LANGUAGE DEVELOPMENT

Reading and Expository Writing I Bridge **5 Credit (Elective)** **9th – 10th**

Incoming ninth graders will review and master basic reading and writing concepts. This course will help students prepare for Reading and Expository I.

Expository Writing for College and Career **10 Credits (Elective) UC Approved** **9th-12th**

In this course students will learn the elements of successful expository writing, including the five sentence paragraph and five paragraph essay that conveys a clear, concise, and logical explanation.

Speech and Debate **10 Credits (Elective) UC Approved** **9th-12th**

The purpose of this course is to prepare new and returning students to be successful in public speaking, speech organizations, research critical thinking, listening and competitive debate. This will be achieved by building on basic fundamentals learned as a novice (first year) speech and debate student.

Drawing/Painting 1, 2 **10 Credits (Elective) UC Approved** **9th-12th**

Students will learn fundamental drawing skills in various medium, such as pencil, water colors, and tempura.

ENRICHMENT

S.A.T Test Preparation **Enrichment Only** **11th, 12th** **\$440**

This course will prepare students for their upcoming SAT test by reviewing the English, Math, and Writing sections. Students will learn the best test-taking strategies, review the pertinent curriculum and take multiple practice tests to ensure the best scores possible.

Robotics and Engineering **Enrichment Only** **9th – 12th** **\$395**

This course is offered to all students in grades 9th – 12th. This hands-on inquiry type instruction allows a pathway to success by "doing". Students work in teams to design and construct robotic engineering projects which promote critical thinking and creativity.

NEW COURSES FOR 2019

Get Focused, Stay Focused **5 Credits (Elective) UC Approved** **9th – 12th**

Get Focused, Stay Focused is a one-semester course designed to help students learn and practice valuable skills to help them to be career and college ready. Students will be introduced to short term and long-term goal setting.

CTE Exploratory Wheel **5 Credits (Elective) UC Approved** **9th – 12th**

This broad-based career education semester-long course provides students with an integrated common core education core. It focus is on career guidance, general safety for a variety of industry specific technical skills, technology and tools specific for the industry. Students will be able to make informed educational decisions relating to career choices.