



# **Veterans High School**

## **AP Information Night**

### **1.23.20**

# Advanced Placement Classes

- College level courses through approval and endorsement with College Board
- Rigorous content with increased pace compared to general high school classes
- College preparation with high school supports and structures
- Student can earn two grades
  - a) in class
  - b) on exam

# Advanced Placement Grading

The AP grade scale ranges from 1 to 5:

Grade	Meaning
5	Extremely well qualified
4	Well qualified
3	Qualified
2	Possibly qualified
1	No recommendation

# Advanced Placement Credit Policy

Q - How do I know if my college of choice will accept AP?

A - Do a search:

“AP college credit policy”

# Advanced Placement Website

[collegeboard.com](https://collegeboard.com)

[apcentral.collegeboard.com](https://apcentral.collegeboard.com)

- For students, parents, & professionals
- Course descriptions
- Exam schedule
- Updates
- Credit policy

Exam Year	# Exams w/ 3, 4, 5	Amount Saved Tuition Costs
2008	676	\$1,019,070
2009	684	\$1,287,630
2010	819	\$1,788,696
2011	760	\$1,799,680
2012	857	\$2,109,007
2013	834	\$2,142,610
2014	1128	\$2,602,296
2015	1111	\$2,782,998
2016	1275	\$3,337,806
2017	1220	\$3,757,600
2018	1293	\$4,027,695
<b>2019</b>	<b>1204</b>	<b>\$3,855,810</b>

# Advanced Placement Scores - 2019

Population	2017 Mean Score	2018 Mean Score	2019 Mean Score	2017 % of 3-5 scores	2018 % of 3-5 scores	2019 % of 3-5 scores
Veterans High School	3.15	3.29	3.3	70%	71%	72%
Houston County	2.91	2.90	2.90	62%	61%	61%
Georgia	2.86	3.07	2.95	59%	61%	56%
Globe	2.86	2.89	2.91	60%	61%	60%

# 2014-2019 Data Summary

	2015	2016	2017	2018	2019
Total AP Students	355	324	317	326	293
Number of Exams	554	513	488	549	499
AP Students with Scores 3 +	186	232	223	232	210
% of Total AP Students with Scores 3 +	52.4	71.6	70.3	71.2	71.7
Total Course Offerings	13	14	16	14	16



# Important Considerations

- Content area interest
- Academic balance
- Motivation, time management, determination
- Academic stretches
- Year long commitment
- Balance of extracurriculars and employment
- Return = Investment
- Long term planning and college preparation

# Veterans High School

## 2020-2021 Anticipated Offerings

### CTAE

AP Computer Science – juniors/seniors

### English

AP English Language - juniors

AP English Literature – seniors

### Math

AP Calculus BC - seniors

AP Statistics - sophomores/juniors/seniors

### Science

AP Biology – juniors/seniors

AP Chemistry – juniors/seniors

AP Environmental Science – juniors/seniors

AP Physics 1 – juniors/seniors

### Social Studies

AP World History – sophomores/seniors

AP US History – juniors/seniors

AP Comp. Government – juniors/seniors

AP Psychology – juniors/seniors

AP Macro Economics - seniors

### Fine Arts

AP Studio Art – juniors/seniors

2 prior art courses required, including Drawing

# AP Computer Science Principles

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Students pursuing degrees/careers in STEM fields	<p>Successful completion of Algebra 1 and Geometry</p> <p>Should have earned A's in both courses</p>	Any Science, Technology, Engineering, or Math areas of study	The AP Computer Science Principles course is designed to be equivalent to a first semester introductory computing course. In the course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data, work with large data sets to analyze, visualize, and draw conclusions from trends.

# AP English Language

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Juniors	10 <sup>th</sup> grade English: Students should have a 3.0 average from their 10 <sup>th</sup> grade English class if considering AP Lang and Comp	About anything. No matter the area you chose, knowing how to effectively present an argument, how to analyze the works and actions of others, and how to synthesize information, will serve you well.	This course will have a focus on the study of American literature, embracing its rhetorical nature and recognizing the literature as a platform for argument. This college course provides students with opportunities to write about a variety of subjects and to demonstrate an awareness of audience and purpose.

# AP English Literature

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Seniors	none	Any, as all majors/careers require critical thinking and writing skills, but especially English, journalism, law, liberal arts, history, philosophy	Advanced Placement (AP) Literature and Composition is designed for students who possess a strong interest in reading, discussion, and analysis of literature. The course content includes a survey of world literature with emphasis on analytical writing in response to poetry, short prose, and novel length works.

# AP Calculus AB

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Honors seniors	Honors Pre-Calculus	STEM related careers: Science Technology Engineering Mathematics	The study of: Limits, Derivatives, & Integration  Analytically, Numerically, & Graphically

# AP Statistics

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
<p>Expected for all Honors math students</p> <p>Available to Honors math students as sophomores, juniors, or seniors</p> <p>Available to all math students as seniors</p>	<p>Successful completion of Geometry</p> <p>A's in math</p>	<p>Medicine</p> <p>Technology</p> <p>Engineering</p> <p>Marketing</p> <p>Business</p> <p>Economics</p> <p>Education</p> <p>Agriculture</p> <p>Computer Science</p> <p>Sports</p> <p>Government</p>	<p>The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:</p> <ol style="list-style-type: none"> <li>1. Exploring Data:</li> <li>2. Planning and conducting a study</li> <li>3. Exploring random phenomena</li> <li>4. Statistical Inference</li> </ol>

# AP Biology

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Juniors Seniors	Biology Chemistry	Medicine Forensic Science Engineering Pharmacy Allied Health Fields Veterinary Medicine Anthropology Geoscience Zoology Epidemiology	Students cultivate their understandings of biology through inquiry based investigations as they explore topics such as evolution, cellular processes, free energy, communication, genetics, information transfer and biological interactions.



# AP Chemistry

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Juniors Seniors	1 <sup>st</sup> year chemistry	Health Sciences	Covers 2 college semester courses of chemistry
Strong math skills	Algebra II	Engineering	Major topics include:
			• Thermodynamics
			• Equilibrium
			• Kinetics
			• Atomic Theory
			• Electrochemistry

# AP Environmental Science

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Juniors Seniors	Biology * Strong foundation in algebra is recommended	Engineering (civil, nuclear, industrial, chemical, electrical) Agriculture Public Administration Economics Politics Geology Meteorology Resource Management Landscape architecture	Students identify & analyze natural and human made environmental problems, evaluate the risks associated with these problems & examine alternative solutions for resolving or preventing them.

# AP Physics 1

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Juniors Seniors  Strong math/science students	At a minimum, students should have completed geometry and be concurrently taking Algebra II or an equivalent course	Engineering Physics	Algebra/Trigonometry based study of Newtonian mechanics, work, energy, waves, and electricity

# AP World History

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Sophomores	Civics completion with A average	Communications Public Relations/Policy Foreign Service Law/Legal Services Politics Education Business Research Fields Journalism Military Studies	AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments

# AP U.S. History

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Juniors Seniors	World History completion & A average	Communications Public Relations/Policy Foreign Service Law/Legal Services Politics Education Business Research Fields Journalism Military Studies	Focuses on thinking conceptually about the significant people, events, & developments of American history from nine historical periods from 1491 to the present. The skills of chronological reasoning, comparison, contextualization, interpretation, & argumentation are emphasized as students analyze both primary and secondary sources.

# AP Comparative Government and Politics

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Juniors Seniors	None  Strong performance in Social Studies and English courses	Political Scientists International business Government positions Public Administration Education Occupations that interact with government	AP Comparative Govt. and Politics uses 6 case study countries to analyze and compare different government systems.

# AP Psychology

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Juniors Seniors	None	Law Enforcement Teaching Research Counseling Therapy Sales Management Law International Relations Diplomacy	The course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

# AP Economics

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Seniors  First semester would be general Economics, and second semester would be AP Macro Economics.	Strong performance in math and Social Studies courses	Business/Finance Economics Law Political Science	The purpose of AP macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.



# AP Art

Target student group:	Prerequisites:	Recommended for students interested in these college majors/career areas:	Course description:
Juniors Seniors	2 years of art, including Art Comprehension  Teacher approval	Art and Design majors Marketing Advertising Visual Design  Suitable for all students who have demonstrated creativity and dedication to art	Choose one area of focus: Design, Drawing or 3D  Complete 15 high quality art pieces  All work is photographed and submitted at the beginning of May.  7-10 hours a week OUTSIDE of class time is required to complete this level of work.

# Veterans High School

## AP Registration Timeline

- January 28=  
Walk registration for teacher recommendations
- February advisements =  
Advisor conferencing and planning
- March 2-4 =  
Night Advisement: 2020-2021 scheduling
  - AP course registration reviewed/confirmed
  - Complete AP advisement requests – parent/student signatures
- April = AP committee review
  - Review student requests and course appropriateness
  - Review balance of total AP requests
  - Counselor conferences for changes