

Advanced Placement:

Are you ready for the
challenge?

What is the Advanced Placement Program?

- The Advanced Placement Program are courses taught at local high schools, which allow students to participate in a college level course and possibly earn college credit while still in high school.
- The AP teacher and course syllabus must be approved by the College Board.
- Secondary schools and colleges cooperate in this program to give students the opportunity to show mastery in college-level courses by taking the AP exam in May of each school year.

How does an AP class compare to other high school courses?

AP classes are more challenging and stimulating, they **take more time and require more work.**

AP classes require energetic, involved, and motivated students.

What background does my child need in order to succeed in an AP course?

- Students should have had practice in analyzing content, drawing comparisons, and reasoning through problems.
- Students must be able to read critically and independently, making arguments, and connections within and across disciplines.
- Students will need to be proficient in writing effectively in response to readings across multiple genres.
- The earlier students prepare for AP or college courses by taking the most rigorous classes available, the more likely their success in college and careers.
- The keys to success are motivation, self-discipline, and academic preparation.

Which AP courses are available at our school?

- US History I
- US History II
- Art History
- AP Language and Composition (Grade 11)
- AP Literature and Composition (Grade 12)
- Pre-Calculus
- Calculus AB
- Calculus BC
- Statistics
- Biology
- Chemistry
- Physics
- Spanish
- Environmental Science
- Computer Science A
- Computer Science Principles
- Apex Online Courses: Government and Politics, Macroeconomics, Microeconomics, Psychology

Language Arts Department

AP Language and Composition (5 credits)

AP Literature and Composition (5 credits)

- Applications will be shared by English teachers via online class websites.
- **Criteria:** Current English level, semester 1 grade, Q1 and Q2 exam grades, NJSLA or Linkit Form B score. Grade and score requirements are included on the application.

World Language

AP Spanish (5 credits)

Prerequisite:

B or higher in Level 4 Spanish for Semester 1 and
teacher recommendation

History Department:

AP US History I (5 credits)

Prerequisite:

- Application Process
- Criteria includes: History and English current levels, History and English Semester 1 and quarterly 1 and 2 assessment grades.
- Jan. 2024 English Benchmark score
- Teacher/Supervisor recommendation

AP US History II (5 credits)

- **Prerequisite: B+ or above in AP US History 1, teacher and supervisor recommendation or**
- Honors US History 1 with A or above S1 and Quarter 1 and 2 assessments.
- Application process
- January 2024 English Benchmark score
- Teacher/Supervisor recommendation

Art Department

AP Art History (5 credits)

Prerequisite:

- Grades 11-12
- B or above in AP/Honors English or B+ or above in CP English
- Departmental Approval
- Application not required. Students who meet the above referenced prerequisites may chose AP Art History when they select electives in Oncourse

Math Department

AP Calculus BC (5 credits)

- Applications will be shared by Math teachers via online class websites.
- Criteria includes: Semester 1 average, Quarterly exams MP 1 & 2, Current Math level and Algebra 2 Linkit Form B Benchmark Scores

AP Calculus AB (5 credits)

- Applications will be shared by Math teachers via online class websites.
- Criteria includes: Semester 1 average, Quarterly exams MP 1 & 2, Current Math level and Algebra 2 Linkit Form B Benchmark Scores

AP PreCalculus (5 credits)

- Applications will be shared by Math teachers via online class websites.
- Criteria includes: Semester 1 average, Quarterly exams MP 1 & 2, Current Math level and Algebra 2 Linkit Form B Benchmark Scores

AP Statistics (5 credits)

- Applications will be shared by Math teachers via online class websites.
- Criteria includes: Semester 1 average, Quarterly exams MP 1 & 2, Current Math level, and Algebra 2 Linkit Form B Benchmark Scores

Computer Science Department

AP Computer Science A (5 credits)

- Applications will be shared by CS teachers via online class websites
- Criteria includes: Grades 11-12
- Completion of Algebra 1

Computer Science Department

AP Computer Science Principles (5 credits)

- Applications will be shared by CS teachers via online class websites
- Completion of Algebra 1

Science Department

AP Biology (6 credits)

Prerequisite:

- Semester one average of A in current Science and LAL courses
- A- in Biology Honors or A in Biology CP (6)
- Taking or completed Chemistry CP (6) or higher
- Completed AP Science application

AP Chemistry (6 credits)

Prerequisite:

- A- in Chemistry Honors or A in Chemistry CP (6)
- Semester one average of A or higher in current Math and LAL course
- B+ in Algebra 2 CP or higher
- Completed AP Science application

AP Environmental Science: (6 credits)

Prerequisite:

- Semester one average of A in current science and LAL courses
- A- in Biology Honors or A in Biology CP(6)
- A- in Chemistry Honors or A in Chemistry CP (6)
- B+ in Algebra 2 CP or higher
- Teacher recommendation
- Completed AP Science application

AP Physics: (6 credits)

Prerequisite:

- A in Physics or B+ in Physics Honors
- B+ in Pre-Calculus or higher
- Concurrent enrollment in Calculus or higher
- Teacher recommendation
- Completed AP Science application

Online Courses

APEX Learning and Imagine Learning

- Online courses are offered through two platforms: APEX Learning and Imagine Learning. Courses are available for twelfth grade students only. These include the following AP courses: Government and Politics, Macroeconomics, Microeconomics, Psychology.

Prerequisites:

AP Micro and AP Macro: Financial Literacy in the
21st Century/Economics

AP Psychology: Social Foundations of Human Behavior

AP Exams

- The AP Exams are mandatory. All enrolled students **MUST** take the AP exam in order to receive the AP Quality Points
- The Board of Education covers the cost of all enrolled students
- Dates: May 6-17
- Scores: 1-5
- College Credit: You can earn credit and/or placement at most colleges and universities in the U.S.

More information: **www.collegeboard.com**

AP Bootcamp

We run an AP Bootcamp sessions during the summer.

AP students are expected to attend at least one to two sessions to prepare for the upcoming year.

AP teachers will run a spring meeting where summer assignments are distributed and Bootcamp sign-ups occur.

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**Are you ready for the
challenge?**

SAYREVILLE WAR MEMORIAL HIGH SCHOOL

Career Academies Presentation

School Year 24-25



The Career Academies

FUTURE EDUCATORS ACADEMY

BUSINESS ACADEMY

VISUAL AND PERFORMING ARTS ACADEMY

STEM ACADEMY

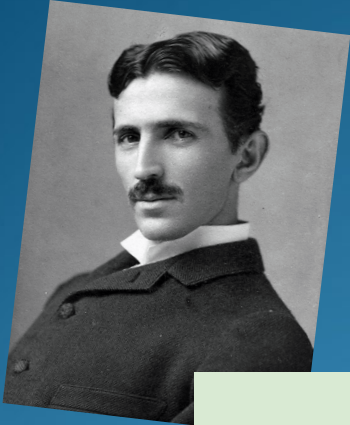
- **BioMedical**
- **Engineering**
- **Computer Science**

What is a Career Academy?

1. A pathway of courses that will prepare you for tomorrow's **jobs**
2. Programs to get you ready for advanced **college** studies
3. A dedicated team of teachers and **support** staff
4. Unique **experiences** that go beyond the general curriculum
5. An opportunity to explore **personal interests**
6. "School within a school" model
7. Specifically trained, industry experienced teachers

Contact Information

Supervisor	Supervisor Email	Academy Name	Teachers
Ms. Suzanne Capraro	suzanne.capraro@sayrevillek12.net	Future Educators	Michelle Scarpari Erica Kennedy
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Dr. Mala Maharana	mala.maharana@sayrevillek12.net	Business Academy & Computer Science	Marybeth Drabik (Bus) Said Ahmad (Bus) Atiyah Conry (CS) Darci Santella (CS)
Ms. Carolynn O'Connor	carolynn.oconnor@sayrevillek12.net	STEM: Biomedical Engineering	Angela DiPaolo (BioMed) Kenneth Veres (BioMed) Peter Alvarez (Eng)



What will your story be?

