**Pinellas Park High School Advanced Courses**

**Advanced Placement Courses**

Art History

Biology

Calculus AB

Capstone Research

Capstone Seminar

Chemistry

Computer Sci Principles

English Language

English Literature

Environmental Science

European History

Human Geography

Macroeconomics

Microeconomics

Psychology

Spanish Language

Studio Art 2D

Studio Art 3D

US History

World History

**Dual Enrollment Courses**

ENC 1101 Composition I

ENC 1102 Composition II

MAC 1105 College Algebra

STA 2023 Statistics

POS 2041 American National Government

INR 2002 International Relations

SLS 1101 The College Experience

CJE 1640 Intro to Crime Scene Technology\*\*

CJE 2645 Intro to Forensic Science\*\*

**Industry Certifications**

Certified Food Protection Manager (ServSafe) earned through Nutrition and Food Science

Microsoft Office Specialist (MOS) Bundle earned through Digital Information Technology

Microsoft Office Specialist Master earned through Business Software Applications

Adobe Certified Associate (ACA)-Premiere Pro earned through Digital Media

Adobe Certified Associate (ACA) – InDesign earned through Digital Design I

Adobe Certified Associate (ACA) – Photoshop earned through Digital Design I, II, or III

Adobe Certified Associate (ACA) – Photoshop earned through Creative Photography

Quickbooks Certified User earned through Business Ownership

ASE Collision Repair and Refinishing earned through Autobody 3

Emergency Medical Responder earned through EMR\*\*

Firefighting earned through Firefighting I, II, & III\*\*

*\*\*magnet students only*

**AP Course Descriptions**

**AP Art History:** Students learn to explore and evaluate works of art through observation, discussion, and research.

**AP Biology:** Designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

**AP Calculus AB:** Most of the year must be devoted to topics in differential and integral calculus. Students must be familiar with the properties of functions, the algebra of functions, and the graphs of functions. Students must also understand the language of functions.

**AP Capstone Research:** Continues the independent research of AP Seminar as students write and defend a comprehensive research project. This course is a requirement for the AP Capstone Diploma.

**AP Capstone Seminar:** Students explore real-world issues and consider multiple points of view. This course prepares students for AP Research and is a requirement for the AP Capstone Diploma.

**AP Chemistry**: The structure of matter, states of matter, chemical reactions and descriptive chemistry are topics covered by this course. A laboratory component will stress science process and skills.

**AP Computer Science:** Students learn to design and implement computer programs to solve problems relevant to today’s society.

**AP English Language:** This composition course emphasizes the expository, analytical, and argumentative writing that forms the basis of academic and professional communication, as well as the personal and reflective writing that fosters the ability to write in any context.

**AP English Literature:** Designed to engage students in the careful reading and critical analysis of imaginative literature. Students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

**AP Environmental Science:** This course is designed for students to understand the interrelationships of the natural world and to analyze and identify environmental problems both natural and human-made.

**AP European History**: Students investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to present.

**AP Human Geography:** Economic theories and models, international conflicts, border disputes, world religions, the origin of languages, urban development, industrialization and city planning are among issues explored in this course.

**AP Macroeconomics:** Students analyze the choices they must make as producers, consumers, investors, & taxpayers. The study of economics provides students with the knowledge & decision-making tools necessary for understanding that a society must organize its limited resources to satisfy its unlimited wants.

**AP Microeconomics**: This course introduces students to the principles of economics that apply to the functions of individual economic decision-makers.

**AP Psychology:** Introduces the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students also learn about the ethics and methods psychologists use in their science and practice.

**AP Spanish Language:** The course emphasizes the use of language for active communication and helps students develop the ability to understand spoken Spanish in various contexts.

**AP Art 2D:** Students learn to address a broad interpretation of two-dimensional design issues through digital or drawing media.

**AP Art 3D**: Students learn to address a broad interpretation of sculptural issues in three-dimensional design.

**AP US History:** Students learn to assess historical materials, their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship.

**AP World History**: The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies.