

## Andrew P. Hill High School Course Catalog

*"P" denotes College Preparatory course*

### These classes are already selected for all incoming freshmen

#### P-English 1

Grade: 9-12th  
High School: English  
UC/CSU: B - English

Includes writing of multiple paragraph compositions, writing and delivery of short speeches, and study of literary forms.

#### P-CCSS Math 1

Grade: 9-12th  
High School: Mathematics  
UC/CSU: C - Mathematics

Common Core State Standards (CCSS) High School Math 1 is a required course, which is one year in length. The fundamental purpose of the CCSS Math 1 course is to formalize and extend the mathematics that students learned in the middle grades. It is the first course in a three-year college preparatory mathematics sequence. The sequence and content of CCSS Math 1, of CCSS Math 2 and of CCSS Math 3 follow the recommendations of the California State Standards and Framework documents published in 2013, Common Core State Standards Appendix A, and the National Council of Teachers of Mathematics Principles and Standards for School Mathematics. Instruction time, infused with the eight Standards for Mathematical Practice, should focus on six critical areas: (1) extend understanding of numerical manipulation to algebraic manipulation; (2) synthesize understanding of function; (3) deepen and extend understanding of linear relationships; (4) apply linear models to data that exhibit a linear trend; (5) establish criteria for congruence based on rigid motions; and (6) apply the Pythagorean Theorem to the coordinate plane. This course satisfies 1 year of the Mathematics requirement in the East Side Union High School District. This course satisfies 1 year of the Mathematics requirement at University of California and California State University.

#### P-CCSS Math 2 (Based on Middle school class/teacher recommendation)

Grade: 9-12th  
High School: Mathematics  
UC/CSU: C - Mathematics

*Prerequisite: Completion of Math 1*

Common Core State Standards (CCSS) High School Math 2 is a required course that is one year in length. The focus is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from CCSS Math 1. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Some standards are repeated in multiple higher mathematics courses; therefore instructional notes, which appear in brackets, indicate what is appropriate for study in this particular course. For CCSS Math 2, Instruction time, infused with the eight Standards for Mathematical Practice, should focus on five critical areas: (1) extend the laws of exponents to rational exponents; (2) compare key characteristics of quadratic functions with those of linear and exponential functions; (3)

	create and solve equations and inequalities involving linear, exponential, and quadratic expressions; (4) extend work with probability; and (5) establish criteria for similarity of triangles based on dilations and proportional reasoning. This course satisfies 1 year of the Mathematics requirement in the East Side Union High School District. This course satisfies 1 year of the Mathematics requirement at University of California and California State University.
--	---

P-Biology	
Grade: 9-12th High School: Science UC/CSU: D - Science	Study of life and life processes. Includes cellular biology, genetics, and evolution. It is considered a <b>biological science</b> for CSU requirements.

PE Course 1	
Grade: 9-12th High School: Physical Education UC/CSU: None	PE Course 1 is a required Physical Education class for all freshman students. It focuses on the knowledge and competency of movement patterns in aquatics, dance/ rhythms, and individual and dual activities to support lifelong fitness. This course is a co-ed environment and must be taken in order to enter Course 2.

Language selection

P-French 1	
Grade: 9-12th High School: Science UC/CSU: E - World Language	The first year language courses introduce the student to basic vocabulary and grammatical structures which will aid in requesting such items as food and clothing, in socializing and presenting personal themes within a cultural context. The goal is for mastery in the skill areas of listening, speaking, reading and writing in order to communicate simple ideas.

P-Spanish 1 (Non-native Speakers)	
Grade: 9-12th High School: Science UC/CSU: E - World Language	The first year language courses introduce the student to basic vocabulary and grammatical structures which will aid in requesting such items as food and clothing, in socializing and presenting personal themes within a cultural context. The goal is for mastery in the skill areas of listening, speaking, reading and writing in order to communicate simple ideas.

P-Spanish Heritage (Native Speakers)	
Grade: 9-12th High School: Science UC/CSU: E - World Language	This course is conducted entirely in Spanish, by the teacher, and the students. For admittance to this first level, students must demonstrate spoken fluency in Spanish with a minimum of "4" on a six point holistic scale of fluency. The course work concentrates on refining oral, spoken,

	reading and written skills. As well as introducing them to the culture of the Spanish speaking world. Students must complete Level I or show proficiency equal to that level in order to be admitted to the second level.
<b>P-Vietnamese 1 (Native Speakers)</b>	
Grade: 9-12th High School: Science UC/CSU: E - World Language	This course is for students whose native language is Vietnamese. The curriculum works to refine oral and writing skills through the study of the culture and literature of Vietnam.

Electives

<b>P-Advanced Band 1 (Symphonic Band)</b>	
Grade: 9-12th High School: Fine Arts UC/CSU: F - Visual & Performing Arts	Class focuses on techniques of concert band for the intermediate and advanced wind and percussion musician. Performances are required.
<b>P-Art 1</b>	
Grade: 9-12th High School: Fine Arts UC/CSU: F - Visual & Performing Arts	Art 1 is a basic course for students of all levels of art ability. This class helps students to become aware of the many forms of art and to explore some of these areas for both art making and art appreciation. Basic art skills in drawing, painting and sculpture, projects emphasizing elements and principles of design, self expression and art history and appreciation will be explored.
<b>P-Art Animation 1</b>	
Grade: 9-12th High School: Fine Arts UC/CSU: F - Visual & Performing Arts	Study the basic science and artistic foundations from prehistoric times to the present. Students are introduced to early animation toys and devices that explain the science behind animation. Students are taught fundamental drawing techniques in animation, and basic principles such as squash, stretch, timing, mass, solid drawing etc. All the foundations are integrated through creative project based learning.
<b>P-Choir 1 (Concert Choir)</b>	
Grade: 9-12th High School: Fine Arts UC/CSU: F - Visual & Performing Arts	This class is designed for the student interested in improving their listening skills and continuing vocal development through the study of ancient to modern classical music. Choir members will learn vocal exercises to improve range and quality of their voices; students will sight sing and learn basic theory to increase their ability to read music. Methods in class include discussion, reading, writing, speaking, singing and listening, NOTE: Performances and practice during and outside of class time is required. Choir uniforms are provided at no expense to participants.

### **P-Child Development and Education**

Grade: 9-12th  
High School: Elective  
UC/CSU: G - Elective

The focus of this course is on preparing students for personal and life management, and providing a strong foundation for Family and Consumer Sciences education related career paths. Instruction in the content areas of child development and guidance; consumer education; family and human development; education; fashion, textiles, and apparel; food and nutrition; housing and furnishings; individual and family health; and leadership is designed to prepare students with the knowledge, skills, and attitudes to function effectively as family members, leaders, workers, and citizens.

### **P-Ethnic Studies**

Grade: 9-12th  
High School: Elective  
UC/CSU: G - Elective

Ethnic Studies is an elective that is designed to expose all students to the many contributions made to our nation's history by ethnic minorities and to understand their relationships within the present society and to better the social relations between various groups.

### **P-Exploring Computer Science**

Grade: 9-12th  
High School: Elective  
UC/CSU: G - Elective

Students are introduced to the concepts of computer and computing while investigating the major components of computers and the suitability of these components for particular applications. Students will have opportunities to become “computational thinkers” by applying problem-solving techniques, thinking abstractly and applying and creating algorithms. Students expand their knowledge of algorithms, abstraction, and web page design and apply it to the creation of web pages and documentation for users and equipment. Students design algorithms and create programming solutions to a variety of computational problems using an iterative development process. Students explore how computing has facilitated new methods of managing and interpreting data, finding patterns using their own, local data and a variety of large data sets.

### **P-Foods and Nutrition**

Grade: 9-12th  
High School: Elective  
UC/CSU: G - Elective

Food and Nutrition is part of a sequence of courses within the HTR industry sector. This course focuses on safety, sanitation, nutrition, use and maintenance of facilities and equipment, food production, meal management, world cuisines, careers, cultures and leadership. Food and Nutrition provides transferable skills to the capstone course within the career pathway. The content provides rigorous and relevant applied academic skills to many technical and problem-based applications. This is currently a highly demanded industry in California with technical and professional level skills required according to current career projections. This course is a pivotal step in the development toward majors in Hospitality Management, Nutrition, Dietetics, Food Science, Culinary Arts, Recreation or Tourism. Many secondary schools across the state have identified this pathway as part of the school sites efforts to provide

	students with academically challenging Career Technical Education (CTE) classes that support career and college readiness standards and the California Common Core Standards (CCCS).
--	--

**Health Science Prep**

Grade: 9-12th High School: Elective	This Exploratory/Introduction to Health Science and Medical Technology course provides students with the awareness of a variety of career options examining careers that work diagnostic, supportive, and therapeutic services and the requirements to achieve their career goals. Exploratory courses provide the foundational concepts in which students can begin to form future career choices that meet their individual career interest. Students are exposed to the general requirements for various careers in the healthcare field. Exploratory courses provide the basic experiences and activities that will set a foundation for entry into any one of the Health Science and Medical Technology pathways at introductory level courses.
--	--

**P-Piano 1**

Grade: 9-12th High School: Fine Arts UC/CSU: F - Visual & Performing Arts	Class for beginners who will learn to read music and the basic fundamentals of playing piano. Students will be introduced to a variety of piano repertoire and styles.
---	--

**P-JROTC**

Grade: 9-12th High School: Elective UC/CSU: G - Elective	<p>This course is National Curriculum for all Army ROTC. “(The) purpose of Junior Reserve Officers’ Training Corps [is] to install in students in United States secondary educational institutions the value of citizenship, service to the United States, personal responsibility, and a sense of accomplishment.” (10 USC Sec 2031). The mission of the AJROTC Program is to: "Motivate young people to be better citizens" and to develop citizens of character dedicated to serving their nation and community. The objectives of AJROTC are to educate and train high school cadets in citizenship, promote community service, install responsibility, character, and self-discipline, and provide instruction in leadership theory and application. The AJROTC program is grounded in the Army core values of Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, and Personal Courage. The curriculum emphasizes the Army's heritage and traditions, the development of flight, applied flight sciences, military aerospace policies, and space exploration.</p> <p>To fulfill this AJROTC-LET1 strives to prepare students for college eligibility. Three main components of the program are academic instruction, tutorial support and motivational activities. The first year activities focus on self awareness, sharpening communication skills, conflict resolution, defining leadership in action and demonstrating Army customs and courtesies.</p>
--	--

## P-Leadership

Grade: 9-12th  
High School: Elective  
UC/CSU: G - Elective

Leadership is a project-based course aimed at increasing students' leadership capabilities. Through the planning and execution of numerous events for the school, students will discover how to best effect change in their school communities. Students will read about the nature of leadership and its different styles. Students will write - critically, reflectively, persuasively - and speak about the real world issues that arise from the planning of events. Leadership has two goals. One, increase the positive school culture through academic and social events. Two, help students enrolled in the class become effective leaders. Students will create a leadership portfolio, synthesizing their learning for the year.

This includes mastery of the following core leadership skills:

1. Leadership Styles & Traits
2. Professionalism
3. Communication
4. Project Planning
5. Stress Management
6. Service Learning
7. Governance/Meeting Protocols
8. Evaluation/Reflection