**The Chicago High School for the Arts**

**2014 – 2015 AP Course Offerings**

**Conservatory**

**AP Music Theory**

AP Music Theory is a continuation of Music Theory I and is designed to prepare students to take the AP exam in Music Theory and to receive college credit. Emphasis is placed on the development of skills necessary to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. Each unit will work with concepts of Melody, Rhythm, Harmony, Form, and Tone Color at increasingly complex levels. Students will engage with the concepts through a variety of rigorous musical activities including written work, sight singing, listening and composition. Students will ultimately, individually and as a collective, answer essential questions concerning the essence of musical creativity and expression.

* **Offered to:** Music Conservatory Juniors & Seniors
* **Prerequisites:** Successful completion of Music Theory I *(grade of B or above)*
* **Teacher:** Ms. Betsy Ko

**AP Studio Art**

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The 4 AP Studio Art courses offered at ChiArts are Mixed Media, Painting and Drawing, Graphic Design and Digital Photography. Each class is for juniors and seniors. Juniors spend the first year making breadth work through teacher-driven assignments, while seniors spend their final year on their concentration work, which involves pushing through a self-driven project/concept.

* **Offered to:** All Junior/Senior Visual Artists *(all begin junior year and submit at the end of senior year)*
* **Teachers:** Ms. Whitney Bradshaw, Ms. Megan Greene, Mr. Jeremiah Hulsebos-Spofford, Mr. Ryan Swanson

**English Department**

**AP English Language & Composition**

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer’s purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing

* **Offered to:** Juniors & Seniors
* **Prerequisites:** Successful completion of Sophomore English (Any level)
* **Teacher:** Mrs. Dara Miller

**AP English Literature & Composition**

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students 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

* **Offered to:** Seniors
* **Prerequisites:** Successful completion of AP English Language & Composition
* **Teacher:** Mrs. Tina Boyer Brown

**Mathematics Department**

**AP Statistics**

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:

1. Exploring Data: Describing patterns and departures from patterns

2. Sampling and Experimentation: Planning and conducting a study

3. Anticipating Patterns: Exploring random phenomena using probability and simulation

4. Statistical Inference: Estimating population parameters and testing hypotheses

* **Offered to:** Juniors and Seniors
* **Prerequisites:** Successful completion of Algebra II (Any level)
* **Teacher:** Mrs. Meredith Wroblewski

**AP Calculus AB**

This course develops understanding of the concepts of integral and differential calculus and provides experience with their methods and applications. The course emphasizes a multirepresentational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. Broad concepts and widely applicable methods are emphasized over computation and memorization.

* **Offered to:** Seniors
* **Prerequisites:** Successful completion of Pre-Calculus (Any level)
* **Teacher:** Mr. Padraic Kelly

**Science Department**

**AP Environmental Science**

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

* **Offered to:** Juniors & Seniors
* **Prerequisites:** Successful completion of Biology and Chemistry (Any Level)
* **Teacher:** Mr. Nathan Ykema

**AP Physics 1**

AP Physics 1 is a year long algebra based course designed for senior students who haven previously taken physics and junior students who have already completed Algebra 2.  AP Physics 1 focuses on the content covered in the first semester of an introductory college based physics.   The students will develop their understanding of Newtonian Mechanics, Rotational and Simple Harmonic Motion, Sound and Electricity.  After successful completion of this course and a passing score on the AP Physics 1 exam, students can potential earn one semester of college credit.

* **Offered to:** Seniors
* **Prerequisites:** Successful completion of Algebra II (Any Level) and either Physics (Any Level) or AP Environmental Science
* **Teacher:** Ms. Kara Weisenburger

**Social Science Department**

**AP World History**

AP World History focuses on developing students’ abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions.

* **Offered to:** Sophomores
* **Prerequisites:** Successful completion of Human Geography (Honors)
* **Teacher:** Ms. Abbey Cullen

**AP US History**

AP U.S. History is a demanding introduction to American history and culture. The course will integrate the social, political, and economic history of the United States in order to provide a rich context by which to view the American past. This historical context will allow students to engage in a critical analysis of the American experience for different groups of people, make connections between historical events and contemporary issues, and develop an informed understanding of the role of the U.S. in global affairs. AP U.S. History is designed to be equivalent to a college level survey course in United States History. Therefore, students should expect a substantially more challenging workload than most other social science courses.

* **Offered to:** Juniors
* **Prerequisites:** Successful completion of World History (Any Level)
* **Teacher:** Mr. Matt McMurray

**AP US Government & Politics**

An AP course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes.

* **Offered to:** Seniors
* **Prerequisites:** Successful completion of Honors or AP US History
* **Teacher:** Mr. Timothy Sermak

**World Languages Department**

**AP Spanish Language**

The course is conducted almost exclusively in Spanish and encourages the student to do likewise. The intensity, quality and amount of materials can be compared to a third-year college course. The activities and assignments in this course are specifically designed to help each student improve their skills in all Spanish communicative areas and also to prepare for the AP Exam. Each unit consists of several activities which integrate multiple language skills together, which further strengthens the student’s language development and acquisition.

* **Offered to:** Juniors & Seniors
* **Prerequisites:** Successful completion of Spanish III or IV (Any Level) or Spanish for Native Speakers I or II
* **Teacher:** Ms. Kathryn Fahey

**AP Spanish Literature**

This course is designed to provide students with a learning experience equivalent to that of an introductory college course in literature written in Spanish. The course introduces students to the formal study of a representative body of texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. The overarching aims of the course are to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills — with special attention to critical reading and analytical writing — and to encourage them to reflect on the many voices and cultures included in a rich and diverse body of literature written in Spanish.

* **Offered to:** Juniors & Seniors
* **Prerequisites:** Successful completion of AP Spanish or Spanish for Native Speakers II
* **Teacher:** Mrs. Marcella Bonnan

**AP French Language & Culture**

This is a college-level course intended for students in their fourth year of study of French. Course work provides students with opportunities to demonstrate their proficiency and continuing improvement in the areas of reading, writing, speaking and listening.  When communicating, students in the AP French Language and Culture course demonstrate an understanding of the culture(s), incorporate interdisciplinary topics (connections), make comparisons between the native language and the target language and between cultures (comparisons), and use the target language in real-life settings (communities).  Meaningful and real communication are the goals of this course, which will be practiced through exposure to authentic Francophone literature, audio selections, film, art and websites.

* **Offered to:** Seniors
* **Prerequisites:** Successful completion of French III (Any Level)
* **Teacher:** Mrs. Jennifer Sigman

**2015 Exam Dates**

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| **Week 1** | **Morning Exam, 8 am** | **Afternoon Exam, 12 pm** |
| Monday, May 4 | Environmental Science |  |
| Tuesday, May 5 | Calculus AB |  |
| Wednesday, May 6 | English Literature | Physics 1: Algebra Based |
| Thursday, May 7 | Spanish Language and Culture |  |
| Friday, May 8 | US History |  |
|  |  |  |
| **Week 2** | **Morning Exam, 8 am** | **Afternoon Exam, 12 pm** |
| Monday, May 11 | Music Theory |  |
| Tuesday, May 12 | US Government and Politics | French Language & Culture, Spanish Literature & Culture |
| Wednesday, May 13 | English Language and Composition | Statistics |
| Thursday, May 14 | World History |  |

*\*Note: Course offerings are subject to change based on enrollment and teacher availability. Talk to your teacher if you think you are ready for an AP course, but it is not usually offered for your grade level.*