

WUHS

Advanced Placement Classes for 2017-2018 School Year



AP CLASSES & PREREQUISITES

- ▶ **AP Biology (11-12)** - “B” in Biology, Chemistry, and Algebra II
4 function calculator, no graphing
- ▶ **AP Calculus AB (11-12)** - “B” average in Pre-Calculus
TI-84 plus calculator is required
- ▶ **AP Calculus BC (11-12)** - “A” average in Pre-Calculus or Calculus AB
TI-84 calculator is required.
- ▶ **AP Chemistry (11-12)** - Students must have completed Chemistry, and Algebra 2 with Trig (recommendation of “B” or better in those courses)
- ▶ **AP English Literature & Composition (12)** - Teacher recommendation, and a recommended minimum of a “B” in both Composition and the college-bound literature course taken junior year. Approved junior literature courses include the following: American Literature, Honors American Literature, English Literature, and Multicultural Literature.
This course prepares you to take both the AP Literature and Language Exams. Each has a separate AP Exam.

- ▶ **AP Environmental Sciences (11-12)** - Biology & Algebra 2
- ▶ **AP Physics 1(11-12)** - Physics or teacher recommendation and Pre-Calculus
- ▶ **AP Music Theory (11-12)** - Must be receiving a Cumulative GPA of 3.0 in Music Classes; previously had two years of music study; should be considering a possible music major/minor in college and/or consent of instructor. Next offered in 2016-2017 school year.
- ▶ **AP Spanish Language (12)** - Spanish IV with a recommended “B” or higher and/or teacher recommendation
- ▶ **AP Statistics (11-12)** - “B” in Algebra II w/ Trig or teacher recommendation TI-83 calculator is required
- ▶ **AP Studio Art (11-12)** - Taken as many 2D art courses as possible - Must have Jr. Status AND consent of the Instructor (Mr. Korb) when signing up for this course. A year long commitment is required for AP Studio Art.
Create 2D, 3D, art drawing portfolio - not a written test, rather a focus on your portfolio

- ▶ **AP Government and Politics: U.S. and Comparative(11-12)** - Recommended “B” or higher in AP World History, or an “A” in Modern World History.
This course is a combination of two AP level courses (AP United States Government & Politics, and AP Comparative Government & Politics), each has a separate AP Exam.
- ▶ **AP U.S. History (11-12)** - Recommended “B” or higher in AP World History or an “A” or “A-” in Modern World History
- ▶ **AP World History (10-11-12)** - Recommended “A” or “A-” in Modern U.S. History or a “B” or higher in Honors Modern U.S. History
- ▶ **AP Microeconomics & AP Macroeconomics (12)** - Recommended “B” or higher in AP World History, AP U.S. History or AP Government
This course prepares you to take both the AP Microeconomics and AP Macroeconomics Exams. Each has a separate AP Exam.

AP CLASSES & Project Lead the Way

- ▶ **Take three classes in one of the AP/PLtW pathways**
 - ▶ **One(1) AP Course**
 - ▶ **One(1) PLtW Course**
 - ▶ **A third course: either AP or PLtW**
 - ▶ **Earn a qualifying score of 3 or higher on AP exam(s)**
 - ▶ **Earn a qualifying score of proficient on the end of course(EoC) assessment(s)**

| Level | Engineering | Biomedical Science | Computer Science |
|----------------------------------|---|---|---|
| College — AP Courses | <ul style="list-style-type: none"> ▶ AP Biology ▶ AP Calculus AB ▶ AP Calculus BC ▶ AP Chemistry ▶ AP Environmental Science ▶ AP Physics 1: Algebra-Based ▶ AP Physics 2: Algebra-Based ▶ AP Physics C: Electricity and Magnetism ▶ AP Physics C: Mechanics ▶ AP Statistics | <ul style="list-style-type: none"> ▶ AP Biology ▶ AP Chemistry | <ul style="list-style-type: none"> ▶ AP Computer Science Principles <i>(Fall 2016 launch)</i> ▶ AP Computer Science A |
| Career — PLTW Courses | <ul style="list-style-type: none"> ▶ Aerospace Engineering ▶ Civil Engineering and Architecture ▶ Computer Integrated Manufacturing ▶ Digital Electronics ▶ Environmental Sustainability ▶ Introduction to Engineering Design ▶ Principles of Engineering | <ul style="list-style-type: none"> ▶ Human Body Systems ▶ Medical Interventions ▶ Principles of Biomedical Science | <ul style="list-style-type: none"> ▶ Introduction to Computer Science ▶ Cybersecurity <i>(Fall 2018 launch)</i> |

SUCCESS RATE on AP Exams 2016

(Score of 3, 4 or 5)

| SUBJECT | WUHS % | STATE % |
|-----------------------|-----------------|---------|
| Biology | 92% | 71% |
| Calculus AB | 23% | 62% |
| Calculus BC | 84% | 81% |
| Chemistry | 100% | 57% |
| Economics Macro | 100% | 74% |
| Economics Micro | 100% | 74% |
| English Language | 86% | 63% |
| English Literature | 96% | 63% |
| Environmental Science | 72% | 63% |
| Govt/Pol Comp. | 86% | 82% |
| Govt/Pol U.S. | 83% | 61% |
| Music Theory | 50% (2015 data) | 63% |
| Psychology | 66% | 75% |
| Spanish Language | 36.4% | 88% |
| Statistics | 76% | 70% |
| Studio Art 2 D | 20% | 81% |
| Studio Art Drawing | 67% | 77% |
| U.S. History | 74% | 53% |
| World History | 90% | 56% |

AP Scholars

- One third of all graduating seniors passed at least one AP exam during their high school career
- 5 WUHS Students named AP National Scholar by 8 or more exams
- 25 WUHS Students named AP Scholar with Distinction by scoring 3 or higher on ≥ 5 exams
- 18 WUHS Students names AP Scholar with Honor by scoring 3 or higher on ≥ 4 exams
- 39 WUHS Students names AP Scholar by scoring 3 or higher on 3 exams

SUMMER WORK REQUIREMENTS

| Course Name | Summary of Work |
|--|---|
| AP Chemistry | Teacher will contact students with more details on summer assignment. |
| AP English Literature & Composition | AP Literature students must read two novels, write a critical analysis of each, and submit the analyses to the instructor prior to the commencement of the school year. |
| AP Government and Politics: U.S. and Comparative | In the Spring prior to the school year, the teacher will contact each student to give more details about the course and the summer assignment. |
| AP U.S. History | Complete a study guide/notes on chapters 1-3 of the AP US History textbook. In spring prior to taking the course, students will receive instructions on how to access the textbook online. All course work is due the first day of class. |
| AP World History | Students will be given a reading packet of the first six chapters of the AP World History textbook which they will be expected to read prior to the beginning of class. In addition, student will complete a variety of study guides, civilization charts, and reading notes. Complete details of summer assignments will be given to students in early June. |
| AP Music Theory | Complete a study guide/notes of two chapters of written theory and one chapter of aural theory. In spring, students will receive instructions on how to access the online mp3 tracks. All course work is due the first day of school. |

EXPECTATIONS

- ▶ Final Drop Date is **February 23, 2017**
- ▶ If summer work is not completed, student will **NOT** automatically be dropped from class
- ▶ Students will not be allowed to drop AP Classes during registration or during the first two weeks of school
- ▶ Take survey 1 week after AP Exam (May 15)
- ▶ Individual colleges and universities, not the College Board or the AP Program, grant course credit and placement. You should learn about a particular college's policy by contacting the institution directly or by using the AP Credit Policy Information search at www.collegeboard.org/apcreditpolicy