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| <p>Language Arts</p> | <p>AP Language: Successful completion of 11th grade Language Arts required. Read complex texts with understanding & write engaging prose that emphasizes content & purpose. One semester, 11th/12th graders. Can count as Senior Language Arts course</p> <p>AP Literature: Deepen the understanding of how writers use language to provide both meaning & pleasure for readers. Focus on critical reading, writing & thinking. Two semesters, 12th graders only. Can count as Senior Language Arts course</p> | <p>McAfee, D.</p> <p>Davis, M. King, M.</p> |
| <p>Math</p> | <p>AP Precalc: AP Precalculus is for any student seeking a rigorous third- or fourth-year mathematics course following completion of Algebra 2. This course prepares students for calculus and prepares students to succeed in both STEM and non-STEM majors.</p> <p>AP Calculus AB: Topics include limits, derivatives & integrals of algebraic & transcendental functions & continuity. Two semesters, 11th/12th graders only.</p> <p>AP Calculus BC: In-depth coverage of limits, derivatives & integrals of algebraic & transcendental functions & continuity. Two semesters, 11th/12th graders only</p> <p>AP Statistics: In-depth experience in statistical concepts & methods. One semester, 12th graders only.</p> <p>AP Statistics/AP Computer Science Principles: Successful completion of Algebra II required. In addition to the content covered in AP Statistics, students explore the concepts of computer science and learn the basics of this programming-specific course. Two semesters, 12th graders only.</p> | <p>Guo, L. Lohrmann, C. Reid, A. Russo, A.</p> <p>Lohrmann, C. Russo, A.</p> <p>Rodgers, A.</p> <p>Wisniewsky, M.</p> <p>Purcell, K.</p> |
| <p>Science</p> | <p>AP Environmental Science: Successful completion of Biology & Chemistry recommended. College-level coursework that covers ecology, energy resources & conservation, pollution & biotechnology. Meets 4th year Science requirement. One semester 11th/12th graders only.</p> <p>Mechatronics/AP Computer Science</p> | <p>Ammons, J.</p> <p>Fusia, M.</p> |

AP Language/AP Art History: Students develop an understanding of how people communicate in writing, speaking, and through visual art across cultures and across history. Two semesters, 11th & 12th grade only. 11th LA required

AP Comparative Government: Introduces students to fundamental concepts used by political scientists to study the governments and political processes in a variety of country settings. One semester, 11th/12th graders only.

AP Human Geography: Study of patterns & processes of human languages, religion, politics & population. Great first course for being introduced to the rigors of the AP Curriculum. Two semesters, 9th graders only.

AP US History: Factual knowledge and analytical skills in the interpretation of the history of the US from the 1600's through 2008. Two semesters, 11th graders only.

AP Capstone (AP Lang, APUSH, AP Seminar, AP Research): This is a two-year commitment and students must apply for this course before they can be placed in the course. See above for information AP Lang and APUSH. AP Seminar is an interdisciplinary course that encourages students to demonstrate critical thinking, collaboration, and academic research skills on topics of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include interdisciplinary or general elective courses. AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses. At PRHS, we blend the APUSH and the AP Seminar together, during the junior year; AP Lang and AP Research will be taken during the student's senior year. This is a two-year commitment.

AP US History/AP Seminar: Students

Dean, A.N.

Pasarilla, A.

**Pasarilla, A.
Wildey, A.**

Jean-Pierre, L.

Petty, C.

Petty, C.

must apply & be accepted into the AP Capstone Program. Factual knowledge and analytical skills in the interpretation of the history of the US from the 1600s through the present day. Students will practice research skills through two major projects and presentations. Two semesters, 11th graders only.

AP World History, Modern: Builds on an understanding of cultural, institutional & technological foundations that set the human stage, focusing on 1200 CE to the present. Two semesters, 10th graders only.

AP World History/AP European History: In addition to the content covered in AP World History, students learn about the basic chronology of major events & trends in Europe; time periods focus from the Renaissance to the present. Two semesters, 10th graders only.

**Green, J.
Raby, K.**

Dean, A.N.