

Hazlet Township Public Schools



Advanced Placement Summer Enrichment Programs 2019

HAZLET TOWNSHIP PUBLIC SCHOOLS



Office of the Superintendent of Schools

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Dear Parents and Guardians:

The Hazlet Township Public School District is pleased to be able to offer an extensive selection of Enrichment and Developmental programs to our students this summer at NO CHARGE to Hazlet residents.

All programs will be taught by certified teachers and held at Raritan High School. Room assignments and confirmation of programs will be emailed by Monday, June 17, 2019.

We will try to accommodate your requests beginning with your top priority; however, to be fair to all interested students you may not get all requested classes. Registration will be from May 15, 2019 through May 31, 2019. May 31st is a strict deadline so that we can fully prepare for the summer program. **Late registrations will not be accepted.**

For additional information, please visit our website at www.hazlet.org and go to "2019 Summer Enrichment Offerings" under the Curriculum section. You may also contact us at (732)264-8401 ext. 1105, or email us at tbarr@hazlet.org.

Sincerely,

A handwritten signature in blue ink that reads "Scott Ridley".

Scott Ridley, Ed.D.
Superintendent of Schools

RARITAN HIGH SCHOOL

ADVANCED PLACEMENT

(All classes will be held at Raritan High School)

AP Biology Summer Preparation

Familiarize students with AP Biology Curriculum, Textbook, Course Orientation, Google Classroom, Support Programs, Expectations and Timelines. Introduce students to the 4 Big Ideas, concepts within the ideas and student outcomes. Also, students will be introduced to the Math Reference Sheet; formulas, calculations and applications. Introduce students to Google driven collaborative work platforms. Allow students the opportunity to bond with peers/instructor and forge communication with all stakeholders. Increase readiness for advanced placement rigor, achievement and success.

Three 4 hour classes (8:00 am – 12:00 pm) June 26, 27 and 28, 2019

AP Calculus AB Summer Preparation

This is a course that is designed to introduce you to the wonders of calculus. We will be reviewing Pre-Calculus topics and introducing basic calculus topics to jump start the AP Calculus AB Curriculum. Please come prepared to each class with a notebook and a pen/pencil. A calculator (graphing only) would be a beneficial, but not necessary.

Five 2 hour classes (4:00 pm – 6:00 pm) July 1, 8, 15, 22 and 29, 2019

AP Calculus BC Summer Preparation

This is a course that is designed to help you continue your commitment to the wonders of calculus. We will be reviewing Pre-Calculus topics necessary for success in AP Calculus BC. Please come prepared to each class with a notebook and a pen/pencil. A calculator (graphing only) would be beneficial, but not necessary.

Five 2 hour classes (6:00 pm -8:00 pm) July 1, 8, 15, 22 and 29, 2019

AP Chemistry Summer Preparation

Students will be introduced to the six Big Ideas of AP Chemistry, including an in-depth study of the topic of gases in Big Idea 2. The prep course will include conceptual understanding including interpretation and construction of particulate diagrams of gases, as well as problem solving sessions and laboratory experiments (Molar Volume of Hydrogen, Atmospheric Pressure Investigations using a Bell Jar, and Computer Simulation Lab). In addition, students will be given time to work collaboratively on the required summer assignments.

Three 3 hour classes (8:00 am – 11:00 am) June 26, 27 and 28, 2019

AP Computer Science A Preparation

This summer enrichment class will be designed as a way of enforcing the basic structure and syntax of the JAVA programming language to prepare students to enter the AP Computer Science A course, in the fall. At the end of the school year, students taking AP Computer Science A the following year, will receive summer work that will need to be completed by the first week of the new year. Students who attend the AP Computer Science A classes during the summer, will receive additional practice on their summer work and will be able to raise any questions about program that they have tried. In addition to any assistance that they may need on summer work, we will write programs that include variables, math, and incrementing operators. Using the Java module in codehs.org, we will work through the JAVA basics and students will come away with an understanding of variables, conditionals, and loop structures. We will build a calculator program that performs all of the functions of a calculator. Students will also be supplied with a Challenge Program and where they will need to plan, write, and evaluate arithmetic expressions and their usage in a program.

Four 1 ½ hour classes (12:00 pm – 1:30 pm) July 22, 23, 24 and 25, 2019

RARITAN HIGH SCHOOL ADVANCED PLACEMENT

(continued)

AP English Language and Composition Summer Preparation

AP courses can seem daunting at first. But once you understand the content and what's expected, joining AP English Language in September can be much easier. In this course, we'll use advertising, articles and movies to start exploring core learning points of AP English Language and Composition: - How can I closely read non-fiction in the form of essays, speeches, advertising, movies and political cartoons? - Why is the author writing? What is her or his purpose? - How did he or she achieve it? - How can I analyze text and write about it on a college level? Students will: - Work with documentaries to understand the roles of syntax and diction - Analyze propaganda through print advertising - Breakdown the concepts behind SOAPSTONE, a key component in the course - Practice with AP test questions - Support with their summer assignment.

Four 1 ½ hour classes (9:00 am – 10:30 am) July 8, 9, 10 and 11, 2019

AP English Literature Summer Preparation

Students will get a sampling of all AP English Literature and Composition has to offer, calming AP student nerves and helping them feel comfortable with this course for the coming year. Through engaging short stories and poems with recognized literary merit, student will start the deep, satisfying analysis that these works allow.

Four 1 ½ hour classes (10:30 am – 12:00 pm) July 8, 9, 10 and 11, 2019

AP Environmental Science Summer Preparation

Students will utilize the engineering design process to design an experiment to address a real world environmental problem. Students will learn about lab safety protocols and equipment. Students will collect data from their experiment and create a poster presentation of their findings.

Three 3 hour sessions (8:00 am - 11:00 am) June 26, 27 and 28, 2019

AP Government and Politics Summer Preparation

Students will be introduced to the course of AP Government and Politics. All 5 units will be discussed, with a focus on our first unit of Constitutional Underpinnings. Students will engage with content, test their knowledge, and get excited for the year to come. Students will know the expectations of the teacher and course as well as learn some inside information that would help them prepare for their exam in May.

Four 2 hour sessions (10:00 am – 12:00 pm) August 5, 6, 7 and 8, 2019

AP Human Geography Summer Preparation

Students will engage in various enrichment activities that aim to build literacy, writing and geographic skills in preparation for the 2019-2020 AP Human Geography course. The goal of the course is to ensure that students have fun while exploring their world while preparing for the rigor of the course.

Three 3 hour classes (1:00 pm – 4:00 pm) July 17, 24 and 31, 2019

AP Italian Summer Preparation

For students enrolled in the Italian Language & Culture Advanced Placement course, the summer months are an invaluable time to familiarize themselves with the exam, course work, and to review previously learned material. The objectives of this course would be to introduce students to the six sections of the AP exam, discuss scoring, and to apply previously learned material through sample exam exercises.

Four 2 ½ hour classes (10:30 am – 1:00 pm) July 15, 16, 17 and 18, 2019

AP Physics Summer Preparation

This course will prepare students for AP Physics by teaching basic skills needed for the course. Skills will include lab report writing, formula and unit clarification, linearization of nonlinear graphing relationships, and vector algebra.

Four 2 hour classes (2:00 pm – 4:00 pm) August 5, 6, 7 and 8, 2019

RARITAN HIGH SCHOOL ADVANCED PLACEMENT

(Continued)

AP Psychology Summer Preparation

For students taking AP Psychology, Psychology 105, Psychology 216 or Forensic Psychology in 2019/2020. The primary objectives of this summer enrichment is to aid students in developing the critical thinking skills necessary for success in the advanced psychology courses offered at Raritan High School. This course is specifically designed to improve students critical thinking skills as they relate to the field of psychology in the following areas; pattern recognition, practical problem solving, creative problem solving, scientific problem solving, psychological reasoning, and finally perspective taking.

Five 2 hour classes (10:00 am – 12:00 am) July 15, 16, 17, 18 and 22, 2019

AP Research Summer Preparation

Students will further develop the skills acquired in AP Seminar and apply them to new concepts in AP Research. Topics to be addressed include: Using primary literature in the research process and presentation development, preparing for an oral defense and using primary literature to think and write critically.

Three 2 hour classes (11:00 am – 1:00 pm) June 26, 27 and 28, 2019

AP Statistics Summer Preparation

This will be an introductory course to AP Statistics, mainly covering chapter 1 and previous knowledge concepts from other math classes.

Four 2 hour classes (8:00 am – 10:00 am) August 5, 6, 7 and 8, 2019

AP Studio Art Summer Preparation

Students will gain an understanding of the course requirements and begin to explore their artistic skill and voice. They will become more aware of the use of the Elements and Principles of Design and how to utilize them to create drawn and painted images that are both technically well executed, and meaningful. Students will receive assistance in planning and creating the first of their required Breadth pieces.

One 4 hour class AND Two 3 hour classes (8:00 am – 12:00 pm) July 2, 2019 and (8:00 am – 11:00 pm) July 9 and 16, 2019

AP U. S. History II Summer Preparation

The AP US History II summer session class would focus on student DBQ/Essay writing along with the study of APUSH content. This course would strengthen the AP US History student's writing, and knowledge; with a focus on strategies for improving historical essay writing. In addition, this course would better prepare students for the rigor of the new AP essay grading rubric. During the one week course, students will be introduced to how to write an effective DBQ utilizing various proven strategies. They will then begin the process of reading and writing several DBQ's/Essays with teacher and peer feedback on strengths/weaknesses and tips to improve. Along with the essay reading/writing, students will begin to explore the content of the AP US History course, which will increase their historical knowledge. Since essay writing is an integral part of the College Board AP US History test, this course would be beneficial in raising AP test scores.

Four 2 hour classes (9:00 am – 11:00 am) July 22, 23, 24 and 25, 2019

AP World History Summer Preparation

This course will serve as an introduction to the core themes, time periods, and historical thinking skills of AP world history. Students will have an opportunity to meet the instructor and gain a sense of the expectations of the class.

Five 2 hour classes (12:00 pm – 2:00 pm) August 1, 5, 6, 7 and 8, 2019
