



Wootton High School

Dr. Michael Doran
Principal
2100 Wootton Parkway
Rockville, MD 20850

Phone: 301-279-8550
Questions: 301-517-4750



Wootton High School



Summer Institute 2009

▶ Course Offerings

The mission of Wootton's Summer Institute is to provide every student with the opportunity to continue their education and improve upon their academic skills throughout the summer in order to prepare them for advanced educational opportunities offered at Wootton and at the collegiate level.

Come join in the fun!

Courses for Wootton High School students only.

Table of Contents

<u>Department</u>	<u>Page</u>
Art	3
English	3
ESOL	4
Foreign Language	4
Math	5
Physical Education	6
Science	7
Social Studies	8
Ninth Grade Team	10
Career Center	10
Registration Guidelines	Insert
9th Grade Registration	Insert
10, 11, & 12th Grade Registration	Insert

Social Studies (continued)

AP Survival Skills #SS1 Fee: \$105.00
 Date: June 22-June 26
 Time: 8:00 am-11:00 am
 Target Audience: This course is recommended for students enrolled in AP Social Studies or English classes for the first time.
 Description: Students will learn the expectations of an Advanced Placement class. They will learn how to ask questions and draw inferences through exploring documents. Students will also learn how to analyze texts and prepare for essays through application of SOAPS (Subject, Occasion, Audience, Purpose, and Speaker). Students will be able to develop an argument and debate multiple perspectives by the end of this course. Students will also learn how to work as an individual and as a group through class projects. Non-credit course.

Class of 2013

JUMP START #JS Fee: \$100.00
 Date: June 22-July 3
 Course time: 8:00 am- 11:30 am
 Target Audience: The Jump Start Program is designed for rising 9th grade students, enrolled in on level courses, who would like to get a head start on their high school career.
 Description: Through this program, the student will get introductory lessons in high school English, Math, Social Studies and Science. Incoming 9th graders are invited based on the recommendation of their middle school counselors and teachers. Non-credit course.
 Contact Joan Goldstein prior to registering at (301) 517-8171.

Career Center

Getting a Jump on the College Application Process Fee: \$70.00
 Course Dates and Times:
 June 22-June 26 (8:00-10:00 am) # CC1 **REGISTRATION CLOSED**
 July 13- July 17 (10:00 am- 12:00 pm) # CC2
 August 3- August 7 (9:00 - 11:00am) # CC3
 Target Audience: Incoming Seniors who need support in accomplishing the important task of College Applications.
 Description: This class is for Seniors who would like to get a head start on college applications before the school year even begins! Students will receive support in completing applications, essay writing, using Naviance as a resource, and will discuss the importance of teacher recommendations. Representatives from various College admissions departments will visit students and answer questions regarding the application process. Class size is limited to 25 students per class. Non-credit course.

Information will not be updated on the website after June 16, 2009. Questions can be directed to Mrs. Carol Sander, Assistant Principal at 301-279-8558. Confirmation of all courses is your cancelled check.

Science(continued)

Pre-AP Biology #SCI 2 Fee: \$140.00

Date: July 20- July 24

Time: 9:00 am- 1:00 pm

Target Audience: Students who have enrolled in AP Biology for the fall semester.

Description: This course is for students who wish to strengthen the foundation built in Honors/Regular Biology in order to prepare for AP Biology. Students will review important biological concepts and learn skills that will prepare them for the rigor of an AP course. This course is recommended for students who have not taken a biological science in a year or more who wish to increase their confidence with biology. Non-credit course.

Social Studies

Honors U.S. History A #2111 CANCELLED Updated Fee: \$300.00

Date: June 25—July 15 corrected

Time: 7:50 am -1:00pm

Target Audience: Incoming ninth grade students who are passionate about Social Studies. By receiving U.S. History credits early, students will be able to register for more Social Studies electives and AP classes prior to graduation.

Description: U.S. History A is a continuation of 8th grade U.S. History. It covers four main areas of history including: the enduring impact of the Civil War and Reconstruction, the effects of the Industrial Revolution and immigration, the United States in world affairs through World War I, and major developments of the 1920's and 1930's. *Both semesters of Honors U.S. History MUST be taken during the summer.* ½ credit course.

Honors U.S. History B #2113 CANCELLED Updated Fee: \$300.00

Date: July 20—August 6 corrected

Time: 7:50 am- 1:00 pm

Target Audience: Incoming ninth grade students who are passionate about Social Studies. By receiving U.S. History credits early, students will be able to register for more Social Studies electives and AP classes prior to graduation.

Description: Semester B is a survey of four (4) areas of US History- World War II and its impact; domestic policies 1945-1970; the impact of the Cold War; and cultural change in post-war America. *Both semesters of Honors U.S. History MUST be taken during the summer.* ½ credit course.

Wootton High School

Art

Babysitting 101 #A1 CANCELLED Fee: \$105.00

Date: June 22- June 26

Time: 9:00 am- 12:00pm

Target Audience: This class is open to all 6th, 7th, 8th, and 9th grade students interested in achieving quality babysitting skills.

Description: Babysitting 101 instructs its students about how children learn and develop. Students will learn how to plan creative activities, to perform basic first aid for common childhood injuries, and how to set up your own babysitting business. Students will create their own babysitting handbook with all the information and activities created.

Summer Piano Class CANCELLED Fee: \$ 105.00 per wk

Date: Students may take 1-4 weeks of instruction. Weeks must be consecutive.

Week 1: June 29- July 3 #P1

Week 2: July 6- July 10 #P2

Week 3: July 13- July 17 #P3

Week 4: July 20- July 24 #P4

Time: 9:00 am- 12:00 pm

Target Audience: Beginning piano students in grades 7-12.

Description: Students will learn the basics of playing the piano including technique, simple music reading and playing by ear. Non-credit course. Class size is limited to 15 students.

Rhythm Workshop/ Steel Pan Drums # A2 CANCELLED Fee:\$105.00

Date: June 22- June 26

Time: 9:00 am- 12:00 pm

Target Audience: Students of all experience levels - beginners to advanced musicians - can sign up

Description: Students will be introduced to the basic concepts of playing a steel pan drum and other world percussion instruments, and will be able to perform several percussion ensemble pieces. Students will also work with rhythms in different meters and time signatures to extend their knowledge of rhythm. There are additional opportunities available to students who have a greater mastery of rhythm and percussion. Students will also observe some professional percussionists demonstrate various musical styles.

English

Writing the High School Essay Fee: \$140.00

Date: Session I: June 22-June 26

#WR01 REGISTRATION CLOSED

Session II: June 29- July 3

#WR02 REGISTRATION CLOSED

Session III: August 3-August 7

#WR03 REGISTRATION CLOSED

Time: 8:00 am- 12:00 pm

Target Audience: Incoming 9th graders who would like to improve their essay writing skills. Please register for only ONE of the three sessions.

Description: This one week course is designed to enhance the writing skills of incoming 9th graders. Students will work with a Wootton English teacher to develop a mastery of the step-by-step process of constructing an essay. Class size is limited to 15 per session. Non-credit course.

English (continued)

Writing the High School Essay Part II Fee: \$140.00

Date: Session I: June 22- June 26 #WR04 **CANCELLED**

Session II: June 29- July 3 #WR05 **CANCELLED**

Session III: August 3- August 7 #WR06 **CANCELLED**

Time: 8:00 am- 12:00 pm

Target Audience: Incoming 10th grade students who would like to improve their ability to think and write analytically. Please register for only ONE of the three sessions.

Description: The focus of this course is to help students understand how to successfully analyze texts in their writing. This course will also guide students in developing their own personal style of writing. Class size is limited to 15 per session. Non-credit course.

Bridge to AP Language #ENG1 **CANCELLED** Fee: \$280.00

Date: July 27- August 7

Time: 8:00 am- 12:00 pm

Target Audience: Rising 11th grade students who are taking an AP English course. Class size is limited to 15 for this course.

Description: This two-week course is designed to address the rigors and challenges of taking a college-level English course. The course will help students develop a keen awareness of rhetoric. Students will examine non-fiction, discuss rhetorical strategies, and will write a persuasive essay. Non-credit course.

ESOL

Introduction to the TOEFL and college application process #TOEFL Fee: \$280.00

Date: June 22- July 3 **CANCELLED**

Time: 8:00 am -12:00 pm

Target Audience: Students interested in taking the internet based test of the Test of English as a Foreign Language also known as the iBT TOEFL test.

Description: The objectives for this course are that the student will be familiar with all sections of the iBT TOEFL, which is short for Internet Based Test of the Test of English as a Foreign Language. Students will practice each section of the TOEFL and learn strategies for improvement. Students will also learn the steps they need to complete for their college admission. Students will be prepared to take the TOEFL test and complete their college applications. Non-credit course.

Foreign Language

Pre-AP Language #FL2 **CANCELLED** Fee: \$150.00

Date: June 22- July 3

Time: 10:00 am- 12:00 pm

Target Audience: Students taking AP Spanish or AP French

Description: Preparing students for AP Spanish and AP French. Activities include: listening, speaking, writing, and reading exercises which would mirror the sections of the AP language tests. Non-credit course.

Science

Astros Matter & Energy B Honors #3765 Fee: \$300.00

Date: June 25-**July 15** (No class July 3) **corrected**

Time: 7:50 am-1:00 pm

Target Audience: Incoming ninth graders preparing for the rigors of Honors Chemistry
Prerequisite: Completion of Geometry and grades of A and B's in eighth grade science and math courses. ½ credit course

Research Design #2974 Fee: \$310.00

Date: July 7-15 & (16 or 17)

Final Presentation: July 29, July 30, August 5 or 6

Time: 8:10 am-2:00 pm

Presentation times: 8:00- noon or 1:00-5:00 pm (Students only attend one presentation session.)

Target Audience: Rising 10th-12th grade students. STARS Program candidates given preference

Description: Students will complete research projects in science based on an approved proposal including the use of technology. All students work independently outside of the school facility with the guidance of their instructor and a mentor/supervisor. Students will be required to complete a journal, create project display, give oral presentation, and complete a final paper. ½ credit course.

Introduction to Honors Chemistry #SCI 4 Fee: \$140.00

Date: August 17- August 21

Time: 9:00 am- 1:00 pm

Target Audience: Students who wish to develop their laboratory skills and problem solving skills in some of the main topics for first semester honors chemistry.

Description: The course will use demonstrations to focus discussions and connect to real world problems like acid rain and global warming. This course will give you confidence as you begin your study of honors chemistry in the fall. Come learn about real gas pressure with no grade or homework pressure. Non-credit course.

Introduction to Honors Physics #SCI 5 Fee: \$140.00

Date: June 22-June 26 Time: 9:00 am- 1:00 pm

Target Audience: Students who are entering their first year of physics.

Description: This introductory course is intended to help prepare students for their first year of physics. There is a strong emphasis on improving problem solving and mathematical skills which are essential for physics. Students will be able to better understand how to solve physics related word problems, including visualizing and sketching the problem, identifying relevant and solicited information, and applying mathematics to solve the problem. Some topics that will be covered include: measurement, position, velocity, acceleration, solving simultaneous equations, scientific notation, international systems of units, unit conversions, trigonometric functions etc. Non-credit course.

Math(continued)

Calculus Prep # 3200 **CANCELLED** Fee: \$100.00

Date: August 10- August 13

Time: 8:00 am-11:00 am

Target Audience: Students signed up for Calculus in the fall.

Description: Students will review prerequisite knowledge for the upcoming course and will be presented with materials for the new course in order to familiarize them with upcoming concepts in order to achieve success in Calculus. Non-credit course.

Physical Education

Health A #7835A Fee: \$310.00

Date: June 25—July 15

Time: 7:50 am- 1:00 pm

Target Audience: Incoming tenth grade students interested in achieving their Health credit early, or upper classman who need to take Health due to graduation requirement.

Description: Students address issues in seven topics that include: mental health, tobacco, alcohol and other drugs, family life and human sexuality and disease prevention and control. $\frac{1}{2}$ credit course.

Health B #7835B **REGISTRATION CLOSED** Fee: \$310.00

Date: July 20 - August 6

Time: 7:50 am- 1:00 pm

Target Audience: Incoming tenth grade students interested in achieving their Health credit early, or upper classman who need to take Health due to graduation requirement.

Description: Students will address issues in seven topics that include mental health, tobacco, alcohol and other drugs, family life and human sexuality, and disease prevention and control. $\frac{1}{2}$ credit course.

Fitness Challenge #FC1 **CANCELLED** Fee: \$70.00

Date: June 22- June 26

Time: 8:00 am- 10:00 am

Target Audience: Students who are interested in improving both their physical and mental health through exercise and nutrition.

Description: This enrichment course is a two week introduction to the many benefits of a healthy and active lifestyle. Participants in the class will learn how to develop a healthy exercise routine in order to decrease body fat, increase cardiovascular capacity and build muscle. Students will also explore the powerful role nutrition plays in a well rounded fitness program. Students will set personal goals and will be assessed after the beginning of the class and then again in the fall to measure their progress. Non-credit course.

Math

Honors Geometry A #3203 Updated Fee: \$300.00

Date: June 25—July 15

Time: 7:50 am- 1:00 pm

Target Audience: For rising 9th and 10th graders. Students must have received a grade of an A or B in 8th grade Algebra 1, or a grade of an A in 9th grade Algebra 1. Please include a copy of your most recent report card and a recommendation from current Math teacher with your application. *Both semesters of Honors Geometry MUST be taken during the summer.*

Description: Students will develop a knowledge base in Geometry that will prepare them for Honors Algebra 2. $\frac{1}{2}$ credit course.

Honors Geometry B #3204 Updated Fee: \$300.00

Date: July 20—August 6

Time: 7:50 am- 1:00 pm

Target Audience: For rising 9th and 10th graders. Students must have received a grade of an A or B in 8th grade Algebra 1, or a grade of an A in 9th grade Algebra 1. Please include a copy of your most recent report card and a recommendation from current Math teacher with your application. *Both semesters of Honors Geometry MUST be taken during the summer.*

Description: Students will develop a knowledge base in Geometry that will prepare them for Honors Algebra 2. $\frac{1}{2}$ credit course.

Algebra 2 Prep #M3 **CANCELLED** Fee: \$125.00

Date: August 3- August 7

Time: 8:30 am- 11:00 am

Target Audience: Incoming Algebra 2 students

Description: Students will review prerequisite knowledge for the upcoming course and will be presented with materials for the new course in order to familiarize them with upcoming concepts in order to achieve success in Algebra 2. Non-credit course.

Pre-calculus Prep #M1 **CANCELLED** Fee: \$105.00

Date: June 22- June 26 (5 days) or

August 10- August 13 (4 days)

Time: 8:00 am- 11:00 am (5 day course)

11:30 am- 2:00 pm (4 day course)

Fee: \$105.00 (5 day course) or \$70.00 (4 day course)

Target Audience: Students signed up for Pre-calculus in the fall.

Description: Students will review prerequisite knowledge for the upcoming course and will be presented with materials for the new course in order to familiarize them with upcoming concepts in order to achieve success in Pre-calculus. Non-credit course.

