



## 2021 Warriner High School Summer Advancement Classes

### Schedule for Summer School

Last day to Register: June 8 (must be able to complete orientation on the 9th or 10th)

Start Date: Friday, June 11 2021

First Session Exams: July 12 and 13, 2021

First Session end date: July 13, 2021

Second Session Exams: August 12 and 13, 2021

Students must complete all course requirements including completing their final exam in a proctored setting by August 13, 2021.

If you plan to take a full credit in the same subject area, you will need to complete and submit a **second registration** form. Please note, if you plan to take a full credit of a class, you will need to complete the first half by July 13th to be enrolled in the second half.

Be sure to read the information on orientation on the last page of this document.

### 2021 Summer Online Course Offerings

English	Math	Social Studies	Science	Electives
English 1.1 and 1.2 (Freshman English)	Algebra 1.1 and 1.2	U.S. History 1.1 and 1.2 (Civics test included)	Forensic Science 1.1 and 1.2	Personal Finance
English 2.1 and 2.2 (Sophomore English)	Geometry 1.1 and 1.2	Personal Psychology 1.1 and 1.2	Biotechnology	
English 3.1 and 3.2 (Junior English)	Algebra 2.1 and 2.2 (Advanced Alg)	World History 1.2 and 1.2	Biology 1.1 and 1.2	
English 3.1H and 3.2 H (Honors Junior English)				
English 4.1 and 4.2 (Senior English)				
English 4.1H and 4.2H (Honors Senior English)				

Use this link to sign up for classes: [Advancement Summer School](#)

# English

**English 1.1 and 1.2 (Freshman English)** Join us in English I for a journey. In each unit of the course, we embark on a new journey. Through the study of literature, nonfiction, and life, we will explore the unknown, search for identity and equality, and seek achievement, opportunity, and understanding. You will read to analyze the way language is used to express human motivation and research to examine the results of actions in the real world. The lessons in each module will give you the tools you need to gain insights from what you read and to use your knowledge in creative and analytical writing.

**English 2.1 and 2.2 (Sophomore English)** Join us in English II to see how the human experience--real life, your life--is the foundation of the best stories, plays, poems, films, and articles. In each unit of the course, we explore a specific aspect of the human experience such as Laughter, Obstacles, Betrayal, and Fear. Through the study of literature, nonfiction, and life, we will explore what it means to be human, what it means to be fulfilled, triumphant, empowered, and transformed.

## **English 3.1 and 3.2 (Junior English- Honors Option)**

Extra, extra, read all about it! It's all right here in black and white, in the pages of The Virtual Times newspaper. Published at key periods in American history, The Virtual Times takes us right to the action. The writing is clear and concise. The stories and opinions give us perspective. The sports and entertainment sections give us the color and flavor of the times. In English III, the writing and insights of authors throughout our history are collected in the fast-paced pages of The Virtual Times. You'll gain appreciation of American literature and the ways it reflects the times in which it was written. You'll discover how people thought and lived and wrote about their experiences. You'll also be asked to observe, investigate, and report on the stories of today. The goal is to become thorough, accurate, and compelling in your writing. Perhaps in times to come, people will want to read what you thought and wrote.

## **English 4.1 and 4.2 (Senior English- Honors Option)**

Come explore the world of big ideas in English IV, where you will be able to choose which path you will travel first as you explore highly-engaging, thematic units. Each path will guide you through a series of literary pieces that allow you to analyze political, social, economic, and cultural messages of its time as well as its relevance to the world you live in today. Each path revolves around a central theme. The works in the course span a period of over 1000 years and have been written by authors who share common ideas, but employs a variety of literary genres to express their views. Whether it is the dramatic ending of a play, or the colorful images in a verse of poetry, the words of these authors will leave you with a new understanding of the world around you. As you travel down each path, you will create authentic work pieces that will engage you in higher-level learning and provide you with a greater understanding of literature and its connection to the world.

# Math

**Algebra 1.1 and 1.2** Algebra I is the foundation--the skills acquired in this course contain the basic knowledge needed for all future high school math courses. The material covered in this course is important, but everyone can do it. Anyone can have a good time solving the hundreds of real-world problems algebra can help answer. Each module in this course is presented in a step-by-step way right on the computer screen. Hands-on labs make the numbers, graphs, and equations more real. The content in this course is tied to real-world applications like sports, travel, business, and health. This course is designed to give students the skills and strategies to solve all kinds of mathematical problems. Students will also acquire the confidence needed to handle everything high school math has in store for them.

**Geometry 1.1 and 1.2** Geometry is everywhere, not just in pyramids. Engineers use geometry to build highways and bridges. Artists use geometry to create personal perspective in their paintings, and mapmakers help travelers find things using the points located on geometric grids. Throughout this course, students travel a mathematical highway illuminated by spatial relationships, reasoning, connections, and problem solving.

**Algebra 2.1 and 2.2 (Advanced Algebra)** Starting with a review of basic algebra, you will learn polynomials, quadratic equations, exponential and logarithmic relations, and probability and statistics.

# Social Studies

**U.S. History 1.1 and 1.2** The United States began as an experiment in freedom and democracy. Since its establishment, the country and its people have endured social, political, and economic revolutions. In this course, students will investigate the people, events, and ideas that have shaped the United States from the end of the Civil War through today. Students are asked to analyze and evaluate decisions made by political, business, and military leaders. Emphasis is placed on connections between events of the past and present. This course also gives students the opportunity to conduct research and apply their learning to current, real-world problems.

## **Personal Psychology 1.1: The Road to Self-Discovery**

Self-knowledge is the key to self-improvement! More than 800,000 high school students take psychology classes each year. Among the different reasons, there is usually the common theme of self discovery! Sample topics include the study of infancy, childhood, adolescence, perception, and states of consciousness. Amazing online psychology experiments dealing with our own personal behavior are featured within this course.

## **Personal Psychology 1.2: Living in a Complex World**

Enrich the quality of your life by learning to understand the actions of others! Topics include the study of memory, intelligence, emotion, health, stress, and personality. This course features exciting online psychology experiments involving the world around us.

## **World History 1.1**

In Segment I, students will learn how the Roman Empire developed in two very distinct directions. Next, students will discover the great intellectual and cultural contributions of Islamic Empires. Journey through the Middle Ages of Europe and Japan to learn how knights and samurais lived. You will also investigate the rise and fall of some of the great kingdoms of the Americas and Africa and then travel back to the Europe of the Renaissance and Reformation era. Hang on tight, before you dive into the Age of Discovery when eastern and western hemispheric encounters created for some turbulent times.

## **World History 1.2**

Segment II begins with a bang as students will learn about advancements in science and thought during the Age of Enlightenment and the social and political revolutions that followed as a result. As students meander through the 19th century, they will learn about the transformation from an agricultural to an industrial world and the many changes that resulted from that shift. Students will then learn about the interconnectedness of nationalism and colonialism and the two massive world wars were the end result. As students approach the finish line, they will learn about development in our modern world and the implications that historical events have on us today.

# Science

## **Forensic Science 1.1: Secrets of the Dead**

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

## **Forensic Science 1.2: More Secrets of the Dead**

Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence and testing that takes place within this setting. We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined.

## **Biotechnology: Unlocking Nature's Secrets**

In today's world, biotechnology helps us grow food, fight diseases, and create alternative fuels. In this course, students will explore the science behind biotechnology and how this science is being used to solve medical and environmental problems.

## **Biology 1.1 and 1.2**

The Biology course guides students through the study of living and non-living systems and how they interact with one another. Students explore the world they live in by posing questions and seeking answers through scientific inquiry. Discovery takes place through observation and data collection. The students will be introduced to the structure, function, diversity, and evolution of living matter. This is a course with real relevance. It encourages curiosity and provides opportunity for students to work on hands-on lab activities and develop relationships through collaboratively learning. Engaging in the study of biological science broadens the picture of the world around us.

# Electives

## **Personal Finance (can be taken as a math credit or elective credit)**

Understanding financial management concepts is an important life skill that forms the crux of the one-semester Personal Finance course. Students learn to understand the consequences of their financial choices, from credit and debt to insurance, taxes, investments, and discretionary spending. Instructional material surveys typical personal financial needs and emphasizes the basics of budgeting. Through activities and projects with practical applications, students taking this course learn to better prepare for and secure their financial futures. Unit topics in this elective course include: Money Management (personal financial planning and checking); Financial Security (savings, investments, and risks); Credit Management; Risk Management; and Taxes and Employment Forms.

# Orientation

Students will need to select one of the following times to attend orientation. Orientation is mandatory. Sign up for your orientation time when you register.

Wednesday June 9 @ 9am- 11am via Google Meets

Wednesday June 9 @ 2pm-4pm at Warriner HS

Thursday June 10 @ 11am- 1pm at Warriner HS

Thursday June 10 @ 3 pm- 5 pm via Google Meets

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