

# Andover eCademy Electives

## Classical Mythology

Grade 9-12

### **Spring Only**

Beginning with an overview of mythology and different kinds of folklore, students will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how these are still used to shape society today.

## Creative Writing

Grade 9-12

### **Fall only**

This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing

## Criminology

Grade 10-12

### **Fall only**

In this course, we will explore the field of criminology or the study of crime. In doing so, we will look at possible explanations for crime from psychological, biological, and sociological standpoints, explore the various types of crime and their consequences for society, and investigate how crime and criminals are handled by the criminal justice system.

## Criminal Investigation

Grade 11-12

### **Spring only**

In this course, the student will examine the process of identifying and arresting criminal suspects, types of crimes and offenses, and preparing for court. The student will study the history of criminal investigation and explore the relationship between investigation and the courtroom process by examining case studies.

## Forensic Science

Grade: 11-12

### **Fall Only**

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 2

Grade: 11-12

### **Spring Only**

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.

## Health Science

Grade: 11-12

### **Fall Only**

In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

## Introduction to Culinary Arts

Grade 9-12

### **Spring only**

### **NOTE: There will be specific supplies to purchase**

In this course, you will learn all about food including food culture, food history, food safety, and current food trends. You'll also learn about the food service industry and try your hand at preparing some culinary delights. Through hands-on activities and in-depth study of the culinary arts field, this course will help you hone your cooking skills and give you the opportunity to explore careers in this exciting industry.

## Introduction to Entrepreneurship

Grade 9-12

### **Spring only**

Do you dream of owning your own business? This course can give you a head start in learning about what you'll need to own and operate a successful business. Students will explore creating a business plan, financing a business, and pricing products and services.

## Life Skills Management

Grade: 10-12

Students will learn to manage will issues, like quality nutrition, substance abuse, and coping with stress. Other topics included will be focusing on earth friendly practices, credit card management, and becoming a savvy consumer.

## **Music Appreciation**

Grade 9-12

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

## **Personal Family Finance**

Grade 10-12

**Fall only**

Students will learn more about topics such as taxation, financial institutions, credit and money management. The course also addresses how occupations and educational choices can influence personal financial planning, and how individuals can protect themselves from identity theft.

## **Psychology**

Grade 11-12

In this course you will learn more about yourself and others including how to break a habit and how to cope with stress. The purpose of this course is to introduce you to the psychological facts, principles and phenomena associated with each of the subfields within psychology. Students will acquire an understanding of and an appreciation for human behavior, behavior interaction, and the progressive development of individuals.

## **Sociology 1**

Grade 11-12

**Fall only**

Students will examine social problems in our increasingly connected world, and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course.

## **Sociology 2**

Grade 11-12

**Spring only**

By developing a "sociological imagination" students will be able to examine how society itself shapes human action and beliefs...and how in turn these factors reshape society itself! Fascinating online videos journeys will not only inform students, but motivate them to still seek more knowledge on their own.

## **Sports & Entertainment Marketing**

Grade 9-12

**Spring only**

In this course, you'll have the opportunity to explore basic marketing principles and delve deeper into the multi-billion dollar sports and entertainment marketing industry. You'll learn about how professional athletes, sports teams, and well known entertainers are marketed as commodities and how some of them become billionaires as a result. If you've ever wondered about how things work behind the scenes of a major sporting event such as the Super Bowl or even entertained the idea of playing a role in such an event, then this course will introduce you to the fundamentals of such a career.

## **The Lord of the Rings: An Exploration of the Films & Their Literary Influences**

Grade 9-12

**Fall Only**

The Lord of the Rings is one of the most popular stories in the modern world. In this course, you will study the movie versions of J.R.R. Tolkein's novel and learn about the process of converting literature to film. You will explore fantasy literature as a genre and critique the three Lord of the Rings films.

## **World Religions**

Grade: 11-12

**Spring only**

This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.

## **Web Design**

Grade 10-12

Students will learn Internet basics and the file structure of a well-organized Web site. They will practice creating visually interesting Web pages with clear text, complimentary colors, visual assets, and appealing designs.