

Scholars Course Catalog - Fall 2018

9&10th Grade

1. Course Name: Every Poet is a Thief: a poetry workshop

Ms. Umansky

Grade: 9th & 10th

Course Description: Artists steal from those who came before them. That is nothing new. In this poetry workshop, students will steal from great poems in order to create their own masterful poetry. This workshop will break the stigma often applied to poetry and will open students up to new ways of approaching and entering poems. Emphasis will be on weekly writing prompts and weekly reading assignments on contemporary poetry. Each week's reading will center on a specific poetic form, or inspirational topic. Students will workshop their own poems each week and give constructive criticism to their peers on their poems. Some featured poets are Kaveh Akbar, Matthea Harvey, Marie Howe, Brenda Shaughnessy, Billy Collins, Dena Rash Guzman, Rachel McKibbens, Simon Barraclough and Amy Key.

2. Course Name: Set Theory & Probability

Ms. Povshko

Grade: 9th & 10th gr

Course Description: Students will learn about probability through different surveys and experiments. Card games related to probability will help students to understand how to calculate combinations and permutations, probability of dependent and independent events. Set theory and Venn diagrams will teach students how to use logic and organize information from the word problems.

3. Course Name: Parasitology

Ms. Domenicali-Shah

Grade: 9th and 10th

Course Description: In this course, we will examine parasites and parasitism, emphasizing the influence of parasites on the ecology and evolution of fire-living species, and the role of parasites in global public health.

4. Course Name: The Art of Public Speaking

Ms. Salerno

Grade 9 & 10

Course Description: In this course, students will learn the art of writing and delivering an effective speech. Students will practice various types of speeches including persuasive, narrative, etc. In addition to learning how to write speeches, this course will help students gain confidence in their public speaking skills.

11th Grade:

1. Course title: Art History of the Italian Renaissance

Grade 11

Course Description: This course, Art History of the Italian Renaissance, surveys the beginning and development of painting and sculpture in the trecento and quattrocento in Siena and Florence. Painting and sculpture in Siena in the 1300's form the background against which the Renaissance develops in Florence in the 1400's. The course leads to the brief high Renaissance from 1500 to 1520 with Leonardo, Raphael, and Michelangelo

2.Course Title: Vectors and Other Things That Guide Us

Mr. Preston

Grade11

[NOTE: If you took this course last year, you cannot take this course again]

Students will be introduced to the concepts related to matrix operations, and its connections to linear algebra. We will start by investigating linear systems of equations which are part of the Algebra II curriculum. We will however consider & use advanced methods for solving these systems, including Gauss-Jordan elimination, Cramer's Rule, and determinants of a matrix.

3.Course Title: Principles of Microeconomics

Mr. Buckley

Grade 11

[NOTE: If you took this course last year, you cannot take this course again]

Course description: This class will serve as an introduction to the major principles and concepts of the study of microeconomics. The course will begin with an investigation of the concept of resource scarcity and its consequences for human decision making. The course will then move to studying supply, demand, and the combination of the two, as well as the principles that underlie both halves of the dyad. The second half of the course will use the lens of supply and demand to understand individual and group behavior in a variety of contemporary markets, including urban housing, electronics, athletics, and international trade.

Seniors

Studies in Scripted Drama

Mr. Shure & Mr. Clarke

Grade 12

Course Description: This course will study this Golden Age, with a focus on the "Anatomy of an Episode" –the technical level of episode building - as we look each week at special episode of a different series of 21st century, American television drama.