

## 2019-2020 OHS Summer School Course Offerings

### **Summer School Credit Recovery (in-person)**

This is an in-person class that is for the sole purpose of making up lost credits due to failure of core classes or lack of credits for graduation. The course is completed individually through online Odyssey software.

The classes that can be recovered are as follows: English, Science, History, Math, Health, Career Op. Other considerations can be made for students severely behind in electives at the discretion of Mrs. Adams.

### **Online Course Offerings**

**\* All courses are ½ Credit**

### **English**

#### **Creative Writing (½ English Credit)**

This course is a study of creative writing such as short stories, poetry, and nonfiction. The course will focus on a topic of composition including, but not limited to, sound, imagery, voice, and style. Students will study mentor texts, compose, revise, and self-reflect during the semester. Writing assignments will be aimed at encouraging creative thinking and peer feedback. Students will read essays, stories, and poetry by well-known authors in order to develop writing style and enrich the creative writing process. The course will culminate in a major writing piece with a final multimedia project, as well as an online publication. Through the study of creative writing, students should complete this course with techniques of composition that can be used in various forms of writing.

This class is an elective English course for students who want to practice and hone creative writing skills. As a result of studying various forms of creative writing, composing, editing, and publishing work, student writing should improve. In addition, appreciation of creative writing as a literary form will also be gained.

Each class will require reading assignments, published blog entry, completed writing responses, peer reflection, and self-reflection. Smaller writing pieces will build toward the end of unit major writing pieces/projects.

#### **Independent Reading (½ English Credit)**

This course is an English elective. Avid readers can choose their own books and present via a creative project or presentation at the end of each week. Independent Reading will feature sample projects, class activities to strengthen reading skills, and independent reading time on the book of your choice.

So if you like reading, want to choose your own books and projects, want to discuss reading with peers, and enjoy whole-class discussions, this is the class for you.

#### **Introduction to Film (½ English Credit)**

This introductory course explores film as an entirely unique and thought-provoking art form. By watching and analyzing various films, we explore great movies through the lenses of film history, theory, and culture. We also spend significant time making movies, replicating scenes, and working on the process of editing and scripting. The course develops students' critical abilities by offering a primer on filmic language, with an emphasis on the five major elements of film. Students have significant freedom to explore films and filmic techniques they find worthwhile, and will work to develop specific expertise in these areas.

#### **Decades 1 (½ English Credit) (Grades 10-12)**

In this humanities course, you will study various pieces of non-fiction writing and/or literature from four decades in the twentieth century (1920-1950). Since literature (or any art) is often a reflection of it's time, we will study how the writing and literature is a reflection of or a commentary on some of the cultural, political, and social

events of the time. In addition, the course will touch on the science, music, fashion, entertainment, food, and fads popular during the era being studied.

*Note: This course corresponds with Decades II, which focuses on 1960-1990. The courses do not have to be taken in order.*

### **Decades II (½ English Credit) (Grades 10-12)**

In this humanities course, you will study various pieces of non-fiction writing and/or literature from four decades in the twentieth century (1960-1990). Since literature (or any art) is often a reflection of it's time, we will study how the writing and literature is a reflection of or a commentary on some of the cultural, political, and social events of the time. In addition, the course will touch on the science, music, fashion, entertainment, food, and fads popular during the era being studied.

*Note: This course corresponds with Decades I, which focuses on 1920-1950. The courses do not have to be taken in order.*

### **Mythology (½ Credit English Elective)**

This course will explore major cultural myths and epics from around the world. These stories are thought-provoking, strange, funny, rich with cultural and religious significance, and fascinating to read. We will have great conversation about these stories, complete a few interesting projects and writings, and incorporate relevant music, podcasts, and movies. Students have significant freedom to explore myths they find worthwhile and will work to develop specific expertise in certain world mythologies.

### **Word Study (½ Credit English Elective)**

Word Study is a vocabulary building class in which students learn definitions and usage of prefixes, suffixes and root words primarily with Greek and Latin emphases. Vocabulary building exercises and review tests are administered; a great deal of memorization is required. Self-motivation required.

## **Social Studies**

### **Current Affairs (½ Credit Social Studies Elective)(Grades 10-12)**

This elective course focuses on world and local issues in the areas of economics, US government, and international politics. This course uses newspapers, online media, political cartoons, satire, research study data, and newscasts to support class discussion. Additionally students participate in projects to write, edit and produce news and editorial pieces in order to better understand the world around them.

### **Psychology (½ Credit Social Studies Elective)**

This course introduces students to the scientific study of behavior and mental processes of humans and other animals. Topics that may be explored include research methods, biological basis of behavior, psychological disorders and their treatments, sensation and perception, memory, thinking, language, learning, intelligence, motivations, emotion, personality, human development and social psychology.

### **Local History and Folklore (½ Credit Social Studies Elective)**

This course is an elective course of study open to students with a strong interest in history, who wish to pursue guided independent research in the study of archives, local history and folklore. The course will relate national developments to local events, and an emphasis will be placed on studying the historical method by using primary source material to substantiate and enrich research.

### **Introduction to Sociology ( ½ Credit Social Studies Elective)**

This course deals with the social atmosphere that helps to make us who we are and how we behave. Sociology will cover topics such as culture, violence, deviance, social control, socialization and personality, group behavior, social class, and social institutions. The key component of this course is to study ourselves and the society that influences our behavior. Positive human relationships are an essential part of a civilized society and how we interact with each other is important so that we can find answers to questions and solve problems in our world. "Sociology teaches us to look at life in a scientific, systematic way." The way that we view the world comes from what we learn in our everyday activities. "The values, beliefs, lifestyles of those around us, as well as historic events help to mold us into unique individuals who have varied outlooks on social reality."

## **Math**

**Analysis** *Prerequisite: Successful completion of Algebra II (C or better is recommended)*

This course provides an opportunity for students to expand their knowledge of polynomials, sequences and series, probability, exponential and logarithmic functions, and complex numbers as time allows.

### **Introduction to Algebra II**

This course is designed to help students prepare to take Algebra II; specifically those who struggled with Algebra I content. A review of Algebra I topics followed by exploration of a sampling of Algebra II topics. Successful completion of this course will prepare students for Algebra II.

**Math Camp- (½ Elective Credit)** *(Grades 10-12)*

*Prerequisite: A love and appreciation of mathematics.*

This advanced mathematical problem solving course is designed to help students prepare for math competitions and college mathematics; specifically those with a passion for mathematics. Students will have the opportunity to take a deeper dive into topics from traditional high school courses as well as collegiate level topics. Successful completion of this course will prepare students for math competitions and college mathematics.

**Statistics (Math Elective Credit)** *Prerequisite: C or better in Algebra I is recommended*

This class is for students who wish to increase their knowledge and skills in working with statistical analysis. Topics covered will include: descriptive and inferential statistics, data collecting, graphs, measures of variation and position, binomial and standard distributions, correlation and regression, and probability.

## **Trigonometry**

*Prerequisite: Successful completion of Algebra II (B or better is recommended)*

This course provides an opportunity for students to expand their knowledge of mathematics and explore applications of various math concepts. Students will develop skills using trigonometric ratios, solving trigonometric equations, proving trigonometric identities and graphing polar functions.

## **Science**

### **Botany / Plant Science**

This course provides an introduction to the classification, relationships, structure, function of plants and soil. Topics include reproduction and development of seed and non-seed plants, and levels of organization (taxonomy). This class also is designed to bring the abstract of science into practical and applicable context. Students will learn how to apply the concepts of this class to healthy lifelong hobbies and possibly careers.

### **Zoology** *Prerequisite: Biology*

This course is the study of the animal kingdom, focusing on the major groups of invertebrates and vertebrates. Topics include classification of major phyla and the anatomy and physiology of organisms from each phylum. Animal dissections (preserved specimens) are required.

## **Additional Required Courses**

### **Personal Finance (Required Personal Finance Credit)** *(Grades 11-12)*

This course will provide students with practical life skills needed on a daily basis. With online resources such as Everfi Financial Literacy and Dave Ramsey's Foundations U, students will gain an understanding which will set them up to be successful in their future. Throughout this course students will get a further understanding about the following topics: income and taxes, checking and savings accounts, using credit wisely, managing money, investing, purchasing insurance, housing, buying cars and more. Through this course students gain a basic understanding of finance and are more confident and competent in making financial decisions when out on their own.

### **Personal Fitness (PE Required or Elective Credit)** *(Grades 11-12)*

This course may be used by transfer students to fulfill half of the CoEd Basic graduation credit and/or the additional half credit Physical Education graduation requirement. Other students may take this class for the additional half PE credit or as an elective credit. This course will help students to recognize the importance of their physical health as our lives continue to become more sedentary. The importance of the development and maintenance of physical fitness, by using fitness/power walking as the activity, will be promoted as a lifelong physical activity. The course will provide the opportunity for students to develop a fitness workout plan through walking and low-impact aerobic exercises. Dressing out will not be required for participation.

### **Fitness (PE Required or Elective Credit)**

Students in this class will learn and gain an understanding for the need for lifetime physical fitness. Students will participate in group and individual activities to gain knowledge on how to develop all areas of health related fitness. Students will need access to the internet, a computer and be able to videotape. This class will encompass learning a variety of ways to workout. Students will record workouts, log data, and create and design their own workouts.

## **Electives**

**ACT Prep (Elective Credit)** *Prerequisite: recommended to have taken Algebra II or Concepts of Algebra II.*

The purpose of the ACT Prep component of this class is to prepare students for the mathematics and science portions of the ACT Test. As future college students striving for admission to college, the ACT score can be a very important element to the admissions process. The course will allow students to prepare in a structured instructional environment for their best possible test performance. The college Readiness portion of the class will help high school students become better prepared to meet the academic, emotional and cultural challenges of making a successful transition to college. The College Readiness curriculum is designed to build in our students the skills that will be necessary for them to lay a solid foundation for success in college courses, including critical thinking, literacy, numeracy, and study skills such as note-taking, presentation, test-preparation, time management, and goal-setting.

**Art Foundations (1/2 Fine Art Credit)** *(Grades 9-12)*

Students will explore the basic principles and elements of art as they relate to painting, drawing, sculpture, graphic design and printmaking through the use of vocabulary, history and conceptual projects.

**Art Through History (1/2 Fine Arts or Elective Credit)** *(Grades 10-12)*

This introductory course fulfills a ½ fine art credit for graduation without the expectation of creating art projects. Art Through History is a textbook survey of art styles, art concepts and influences on Western Culture, and how they relate to people. A visually rich environment is presented to the student in this class, preparing him or her for making informal and enlightening observations of the world around us. This is a text, note, and test formatted class with no art projects.

**Career Opportunities II (Required Career Opportunities or Elective Credit)** *(Grades 10-12)*

*Prerequisite: Students must meet requirements for online classes.* This course will help students become college and career ready. Students will use the Naviance system to explore their interests and abilities and identify and study careers that may fit with those interests and abilities. Students will explore educational opportunities related to these careers, and will learn the college application process. Interviewing and soft skills for the workplace will also be emphasized.

**Photography 1 (1/2 Fine Art Credit)** *(Grades 10-12) Prerequisite- Full year Art Foundations*

Emphasis will be on the proper use, care, and function of creating a photograph, lighting techniques and digital image manipulation. Students are able to use their own camera equipment, camera phone, or check out a camera from the school.

**Photography 2 (1/2 Fine Art Credit)** *(Grades 10-12) Prerequisite- Photography 1*

Students will continue to explore proper use and functions of creating a photograph with advanced lighting techniques and advanced digital image manipulation. Students are able to use their own camera, phone camera, or check a camera out from school.

**2D Design (1/2 Fine Art Credit)** *(Grades 10-12) Prerequisite: Full year of Art Foundations*

Students will focus on graphic design, topography and computer generated aesthetic design.

**Driver's Education (General Elective Credit) - Online only - No driving component**

This **online only** course is designed to help young and future drivers learn the skills, responsibilities, and behaviors required to be safe when operating a motor vehicle. In addition, this course will prepare students for the Missouri instruction permit test. *No driving time will be provided.*

