

# **Odyssey Charter High School**

**Wilmington, Delaware**



**Course Selection Catalog**  
**2016-2017**

# ODYSSEY CHARTER HIGH SCHOOL

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# ODYSSEY CHARTER HIGH SCHOOL

## PHILOSOPHY

### **Mission**

The Mission of the Odyssey Charter School is to prepare students for a lifelong enthusiasm for learning, develop a keen awareness of world citizenship and culture and establish critical thinking and problem-solving proficiency through the added learning of the Modern Greek language and Mathematics focus.

### **Core Philosophy**

The core philosophy of Odyssey Charter School is that students from all walks of life will establish a lifelong enthusiasm for learning, will become critical thinkers and problem solvers, and will develop a keen awareness of world citizenship when challenged with a structured bilingual and rigorous core curriculum occurring in a nurturing environment.

Odyssey Charter Students will understand and appreciate the ideals of Hellenism, including the continual pursuit of higher education, the adoption of democratic methods, environmental sustainability, and the respect of other's personal beliefs through exposure to the classic Greek language and culture, in a context of mathematics, science, and philosophy.

### **The goals of the Odyssey Charter School are to provide students with an enriched learning environment that will:**

- Enable students to excel academically by providing a structured dual language program integrated with a rigorous core curriculum, while encouraging the development of effective critical thinking and problem-solving skills.
- Enhance each student's understanding of Mathematics, English, Science, and other Western languages by utilizing the Modern Greek language, with a Mathematics focus, as a vehicle to explore the roots of vocabulary, mathematical concepts, and scientific theories.
- Prepare students to demonstrate exceptional understanding and academic achievement through standardized testing and other credentialing methods.
- Assist students in the development of a broader world view through exposure to other World cultures.
- Teach students the value of respectful and responsible citizenship as a critical component to the development of an appreciation for democracy and diversity.
- Nurture and value the special qualities and abilities of each student in a way that will foster a desire to become academically and educationally successful.
- Encourage the involvement and engagement of parents in the education process to enhance and enrich learning opportunities for students.

# ODYSSEY CHARTER HIGH SCHOOL COURSE SELECTION BOOK

The information contained within this booklet is designed to assist students and their parents in making course selections for the next school year. The information should be read carefully, and students should engage in dialogue about required, pathway, and elective courses with parents, teachers and counselors. When choosing courses, students, parents, and counselors should evaluate current grades, test scores, career goals and interests, as these important decisions are made.

## ODYSSEY CHARTER GUIDANCE DEPARTMENT

Guidance services are available for every student in the school. These services include, but are not limited to, assistance with educational planning, interpretation of test scores, occupational and career information, academic and personal counseling, college selection and application process, scholarship and financial aid, or any concerns the students might feel he/she wishes to discuss with the counselor. If, at any time during the course selection process, students and/or parents wish to meet with a counselor, appointments can be made through the guidance office.

## GRADUATION REQUIREMENTS

State Requirements	Odyssey Charter High School Graduation Requirements
4 English	4 English
4 Mathematics	4 Mathematics
3 Social Studies	3 Social Studies
3 Science	3 Science
2 World Language	3 Greek Studies/World Language
1 Physical Education	1 Physical Education
½ Health	½ Health
3 Career Pathways	3 Career Pathways
3.5 Electives	3.5 Electives
<b>24 Total</b>	<b>25 Total</b>

Odyssey Charter School requires successful completion of three credits of Greek Language/Greek Studies for graduation. For new students entering OCS in ninth grade, two of those credits must be Greek Language acquisition. For students previously enrolled at OCS *and* who earn passing score on the Greek Language proficiency exam, these students will enroll Greek Studies coursework, with the option of enrolling in Advanced Greek or another foreign language through electives.

# Odyssey Charter High School Course Programs

## **College Preparatory Classes (CP)**

College preparatory classes are designed to provide a rigorous curriculum aligned with both the state standards and Common Core Standards. These courses prepare students for a variety of higher education experiences, as well as entry into the workplace.

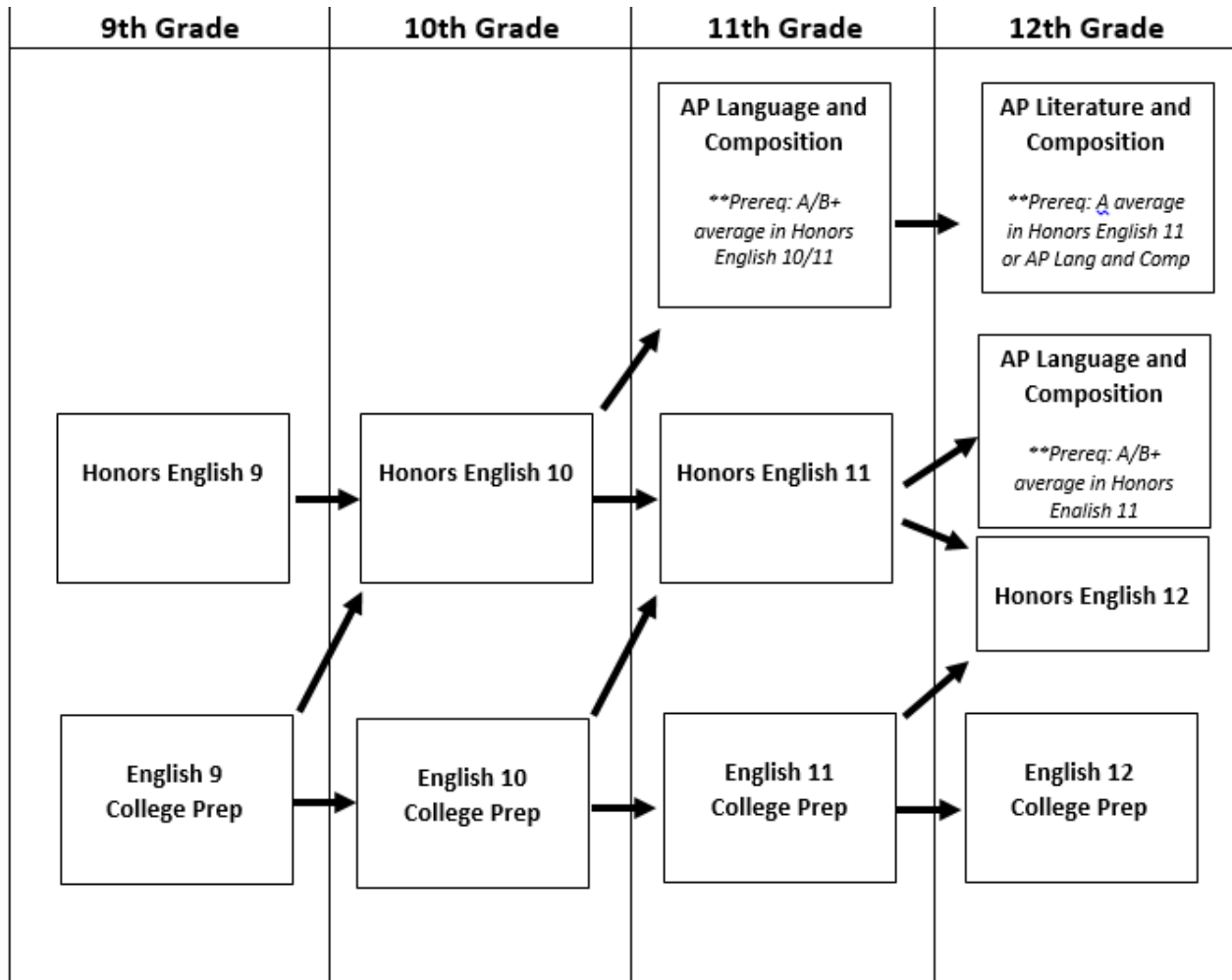
## **Honors Classes (H)**

Honors courses are different from College Preparatory classes in that instruction covers course material in greater depth and at a quicker pace. Odyssey Charter High School integrates a Pre-AP model into its Honors classes so that curricular materials and resources are aligned to AP outcomes and increases likelihood of success in AP exams. These courses are more challenging and designed for students interested in admission to highly competitive colleges and universities. Honors courses are weighted and may require some prerequisites for entry.

## **Advanced Placement (AP) Studies**

Advanced Placement is a program in the United States and Canada, created by the College Board, which offers college-level curricula and examinations to high school students. American colleges and universities often grant placement and course credit to students who obtain high scores on the examinations. The AP curriculum for each of the various subjects is created for the College Board by a panel of experts and college-level educators in that field of study. For a high school course to have the AP designation, the course must be audited by the College Board to ascertain that it satisfies the AP curriculum. If the course is approved, the school may use the AP designation and the course will be publicly listed on the AP Course Ledger.

# English Language Arts



**English 9 College Prep - 110010**

**1.0 Credit**

The ninth grade course of study serves as an introduction to the high school English program. Aligned to the Common Core Standards, English 9 incorporates literary, non-fiction, informative, and technical texts. A cohesive writing component, along with presentation and discourse, is integrated throughout course to develop students’ communication skills. Students refine their grammar, vocabulary, and standardized test practice and study skills throughout the year.

**Honors English 9 – 110010H****1.0 Credit**

Prerequisite: “B” average or higher in 8<sup>th</sup> grade English or Honors English and teacher recommendation  
This rigorous, entry-level course is for students who qualify for honors placement in English. Text complexity and learning outcomes are accelerated and advanced for the Honors student. Required writing includes the argumentative, the informative, and the narrative modes of expression with exacting diction, vocabulary, structure, and grammatical detail. Speaking and listening skills will adhere to the Common Core and will include the Socratic method of debating, memorizing speeches, and listening for content.

**English 10 College Prep - 110020****1.0 Credit**

Aligned to the Common Core Standards, English 10 is the continuation in this course of study. Literary, non-fiction, informative, and technical texts are further explored, and focus is placed students’ ability to integrate information across texts and themes. A cohesive writing component, along with presentation and discourse, is integrated throughout course to develop students’ communication skills. Students refine their grammar, vocabulary, and standardized test practice and study skills throughout the year.

**Honors English 10 – 110020H****1.0 Credit**

Prerequisite: “B” average or higher in 9<sup>th</sup> grade English or Honors English and teacher recommendation  
Text complexity and learning outcomes are accelerated and advanced for the Honors student. Required writing includes the argumentative, informative, and narrative modes of expression with exacting diction, vocabulary, structure, and grammatical detail. Speaking and listening skills will adhere to the Common Core and will include the Socratic method of debating, memorizing speeches, and listening for content.

**English 11 College Prep - 110030****1.0 Credit**

At the eleventh grade level, students will be reading various texts, including short stories, novels, and non-fiction articles. Students will use critical thinking, collaboration, and writing to interact with the texts to ensure each student is college and career ready. The writing component concentrates on the organization and development of the argumentative essay. The five-paragraph paper introduced in the sophomore year is reviewed; in addition, students are introduced to two new methods of essay development: informational writing and narrative writing. Other types of composition such as the descriptive, compare-contrast, and expository are included.

**Honors English 11 – 110030H****1.0 Credit**

Prerequisite: “B” average or higher in 10<sup>th</sup> grade English or Honors English and teacher recommendation

This course is designed for the student of superior ability and achievement in English studies, the student who is self-motivated and who can work/think independently. The course focuses on American Literature intensively, sampling works from several genres and literary periods. Selections are chosen that challenge the student’s ability to critically analyze sophisticated writing from various perspectives. The course is aligned with Common Core Standards and skill sets, focusing on both college/career readiness. Composition assignments require students to respond in a variety of rhetorical situations: e.g. from the relatively personal to the relatively detached; from informative/narrative to critical analysis; the research based process utilizing MLA 7 (Modern Language Association) format, strong organizational skills and focus on thesis development. SAT practice in critical reading will be studied prior to taking the SAT.

**AP Language & Composition – 110040AP****1.0 Credit**

Prerequisite: Two-year sequence of Honors English and teacher recommendation

The AP English Language and Composition course aligns to introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

**English 12 College Prep - 110050****1.0 Credit**

The senior English course combines critical writing, reading and thinking, and review of elements of grammar, punctuation, and essay development in addition to critical analyses of literature and completing various performance tasks based on the 12<sup>th</sup> grade collections texts book. Special emphasis is given to the following skills: argumentative writing; analyzing; informative texts; taking notes from written material; Improving reading comprehension; and critical writing, thinking, reading, vocabulary development and discussion. Major works of English/World Literature are also surveyed.

**English 12 Honors – 110050H****1.0 Credit**

Prerequisite: “B” average or higher in 11<sup>th</sup> grade English or Honors English and teacher recommendation

A course designed as a continuation of Honors English 11, it is recommended that students have had Honors English classes in the past. The study of literature will focus on the major figures and genres of American, British, and World literature. Continued vocabulary study will focus on contextual literary selections studied. Emphasis in writing will be placed upon research, critical



essays, and narrative/persuasive writing. The course will include a critical analysis of literature and a multi-genre or argumentative research paper/essay, as writing course requirements. Grammatical study will be focused on the essay writing process.

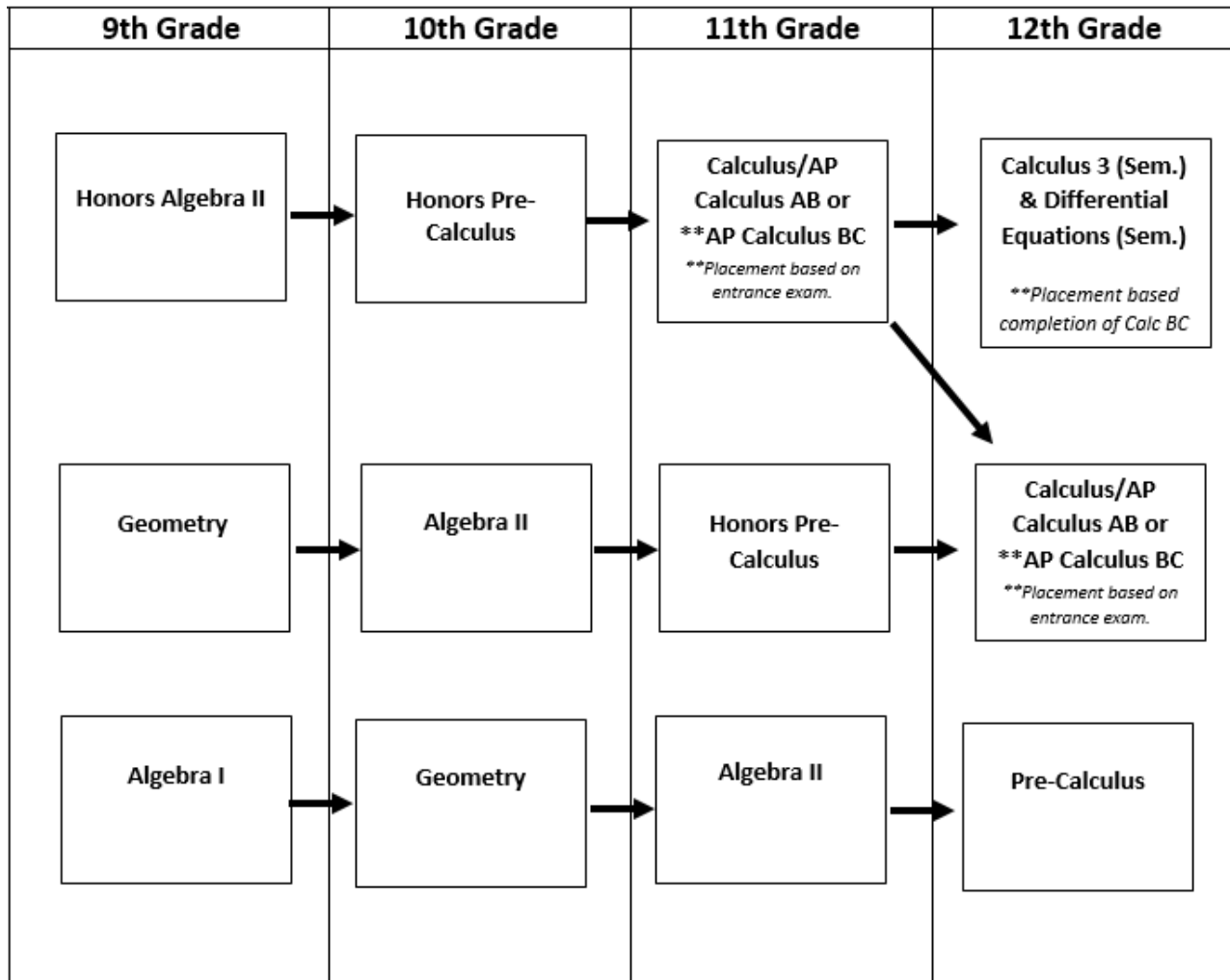
**AP English Literature & Composition – 110060AP**

**1.0 Credit**

Prerequisite: Two-year sequence of Honors English and teacher recommendation

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

# Mathematics



## Algebra I (College Prep) - 150010

**1.0 Credit**

The goal of this course is to have students develop the ability to analyze and solve problems and to provide a sound foundation for the study of more advanced topics in mathematics. The skills addressed in this course include simplifying expressions, using operations with integers, solving equations and inequalities, using formulas, factoring, and graphing. Problems requiring reading comprehension and writing skills are also emphasized. The use of the TI-83 calculator (or similar) will be included in the course.

## Geometry - 150020

**1.0 Credit**

Prerequisite: Successful completion of Algebra I

This course includes the study of definitions, assumptions, and theorems associated with geometry, conditions of congruence and similarity of triangles, special properties, and the

relationships of various geometric figures. Some study of coordinate geometry, area, volume, and reinforcement of algebra skills will also be included.

### **Algebra II - 150030**

**1.0 Credit**

This course is designed to continue the study of Algebra 1. The course will begin with review of Algebra 1 topics, and will continue with the extension to quadratic functions, factoring, equations, and expressions.

### **Honors Algebra II – 150030H**

**1.0 Credit**

Prerequisite: “B” average or higher in Algebra I and teacher recommendation

This honors level course is designed for the highly motivated student who will pursue advanced studies in mathematics. The course reviews and extends the understanding and applications of the number system to elementary algebra, formulas, equations, graphs, radicals, exponents, complex numbers and logarithms. The study of trigonometric functions, including trig identities and equations, will be an integral part of the course. The use of a graphing calculator (TI 83 or similar) is an integral part of the course.

### **Pre-Calculus - 150040**

**1.0 Credit**

This course introduces the student to a variety of topics in advanced algebra and analytic geometry, including algebraic, exponential and logarithmic function. A thorough development of the trigonometric functions and their inverses is included as well as conic sections. The use of a graphing calculator (TI 83 or similar) is an integral part of the course.

### **Honors Pre-Calculus - 150040H**

**1.0 Credit**

Prerequisite: “B” average or higher in Algebra II/Honors Algebra II and teacher recommendation

This course gives an extensive development in a variety of topics in advanced algebra and analytic geometry, including algebraic exponential and logarithmic functions, and the trigonometric function and their inverses. The study of conic sections, vectors, sequences and series as well as polar co-ordinates are included in this course. The use of graphing calculator (TI 83 or similar) is an integral part of the course. Both the pace and depth of this course are more rigorous than that of the Pre-Calculus course.

### **Calculus - 150050**

**1.0 Credit**

This course provides a comprehensive survey of differential and integral calculus concepts, including limits, derivative and integral computation, linearization, the fundamental theorem of calculus, and differential equations. Content covers various applications, including graph analysis, linear motion, average value, area, volume, and growth and decay models.

### **AP Calculus AB – 150050AB**

**1.0 Credit**

Prerequisites: “B” average or higher in Pre-Calculus/Honors Pre-Calculus and teacher recommendation

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

### **AP Calculus BC – 150050BC**

**1.0 Credit**

Prerequisites: Placement based on entrance exam

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

### **Calculus 3 - 150060**

**0.5 Credit**

Prerequisites: AP Calculus BC and teacher approval

Calculus 3 continues the study of calculus by building on the BC course to include 3 dimensional space. Topics include vectors in 3 dimensions, vector valued functions, multivariable functions and 3 dimensional shapes. Derivatives, integrals and first order differential equations as well as their applications are part of the included material.

### **Differential Equations - 150070**

**0.5 Credit**

Prerequisites: Calculus 3 and teacher approval

This course is designed for students who have completed Calculus 3. Topics include solutions and applications of ordinary differential equations including initial values and end point problems, Laplace transforms, phase plane, series solutions and partial differential equations.

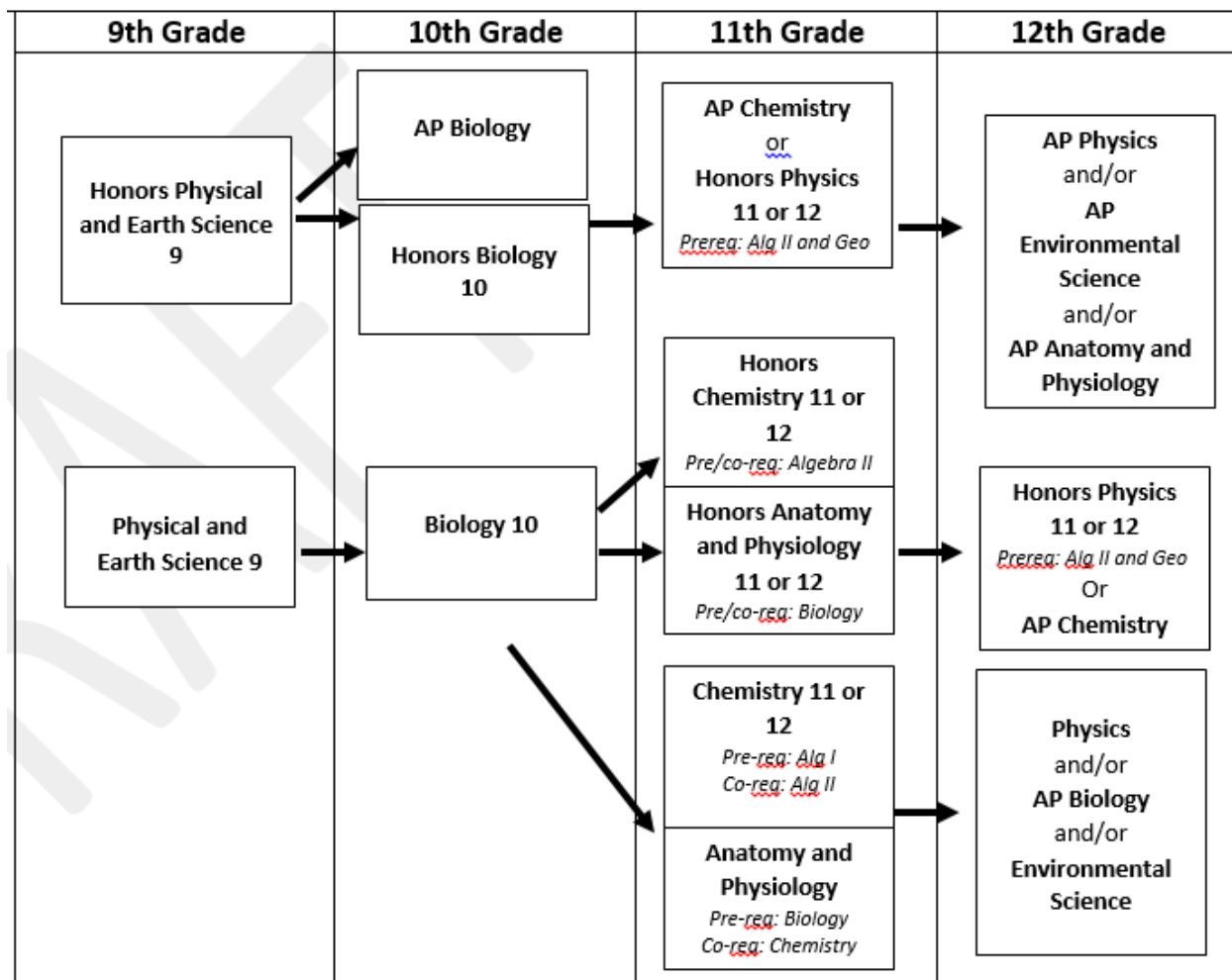
### **AP Statistics - 150080**

**1.0 Credit**

Prerequisites: Algebra II and teacher approval

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

# Science



## Physical & Earth Science (College Prep) - 190010

**1.0 Credit**

This science class is designed to give the students a basic knowledge of physical science concepts. Topics covered include volume, mass, density, elements and compounds, force and work, simple machines, and some earth science topics.

## Honors Physical & Earth Science – 190010H

**1.0 Credit**

Prerequisite: “B” average or higher in 8<sup>th</sup> grade Science and teacher recommendation

This physical science course is designed to prepare the academic student for successful completion of Biology, Chemistry, and Physics. This course establishes basic lab techniques and methods of measurement and graphing. Also incorporated are supplements to the laws of

motion, energy transfer in the form of waves, properties of matter and energy, chemical reactions and changes in the Earth's features over geologic time.

### **Biology - 190020**

**1.0 Credit**

This is a college preparatory course that approaches biology with the goal of helping all students understand and enjoy science by presenting lessons in an investigative approach that places students in the role of scientist. Many hands-on labs and group activities are used to encourage interactions with the material and one another. Concepts presented include evolution, cell biology, genetics, and ecology.

### **Honors Biology – 190020H**

**1.0 Credit**

Prerequisite: "B" average or higher in 9<sup>th</sup> grade Science and teacher recommendation

Biology Honors level is designed to challenge the academically talented student. The concepts covered and presentation approach of this program are the same as the college preparatory course (evolution, cell biology, genetics, and ecology,) however honors differs from the CP program in that the material will be covered in greater depth and a more detailed understanding will be required.

### **AP Biology – 190020AP**

**1.0 Credit**

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions.

### **Chemistry - 190030**

**1.0 Credit**

The goal of the course is to prepare students for college science placement. Chemical theories and calculations are presented. Laboratory experiments will help to clarify some of the theories. Units of study will include atomic theory, nuclear chemistry, study of the periodic table, bonding, molecular geometry, the mole, equation balancing, stoichiometry, solids, liquids, gases, the physical and chemical properties of matter, energy changes and the gas laws.

### **Honors Chemistry – 190030H**

**1.0 Credit**

Prerequisite: "B" or better in Honors Biology OR successful completion of 10th grade Advanced Placement Biology OR science department recommendation

This course is designed for the student with an interest in a science related career. Chemical theories and calculations are presented. Laboratory experiments will help to clarify some of the

theories. Units of study will include atomic theory, nuclear chemistry, a study of the periodic table, bonding, molecular geometry, the mole equation balancing, stoichiometry, solids, liquids, gases, the physical and chemical properties of matter, energy changes and the gas law. Detailed problem solving required.

### **AP Chemistry – 190030AP**

**1.0 Credit**

Prerequisite: “B” or better in Honors/Advanced Placement Biology and Algebra 2 AND science department recommendation

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

### **Physics - 190040**

**1.0 Credit**

This course is designed for the non-science major who desires a greater conceptual understanding of physics. Emphasis is placed on qualitative study of central concepts of physics and how they relate to the world around us. Although the introductory class presents a conceptual understanding of classical physics, students should be capable of using and manipulating formulas to solve problems and possess graphing skills.

### **Honors Physics – 190040H**

**1.0 Credit**

Prerequisite: Successful completion of Algebra 2 and Geometry AND science and math department recommendations

A laboratory oriented, problem-solving course for students who plan to attend a four-year college. Equal emphasis is placed on conceptual understanding of theory and solving problems based on physics concepts. Students must possess good mathematical skills such as graphing and problem-solving and manipulation. The content of this introductory course is a classical treatment of physics with units on mechanics, electricity, magnetism, waves, and optics.

### **AP Physics – 190040AP**

**1.0 Credit**

Prerequisite: Successful completion of Algebra 2 and Geometry AND science and math department recommendations

AP Physics is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.

**Anatomy & Physiology - 190050****1.0 Credit**

This course is designed for students who are interested in going into the health related programs such as medicine, health services, sports medicine, or physical therapy. Topics include a basic study of the human body's systems, movement analysis, and understanding of homeostasis.

**Honors Anatomy & Physiology – 190050H****1.0 Credit**

The purpose of this course is to enable students to develop understanding of the relationships between structures and functions of the human body. The Content includes, but not limited to, the following: implementation of scientific habits of mind, application of scientific knowledge, methodology, and historical context to solve problems. Also, to use laboratory technologies, terminology, cells and tissues, homeostasis, human genetics, growth, and development, body composition, structure, and function, internal and external changes and responses, connections between anatomy, physiology, medicine, technology, society, and the environment.

**Environmental Science - 190060****1.0 Credit**

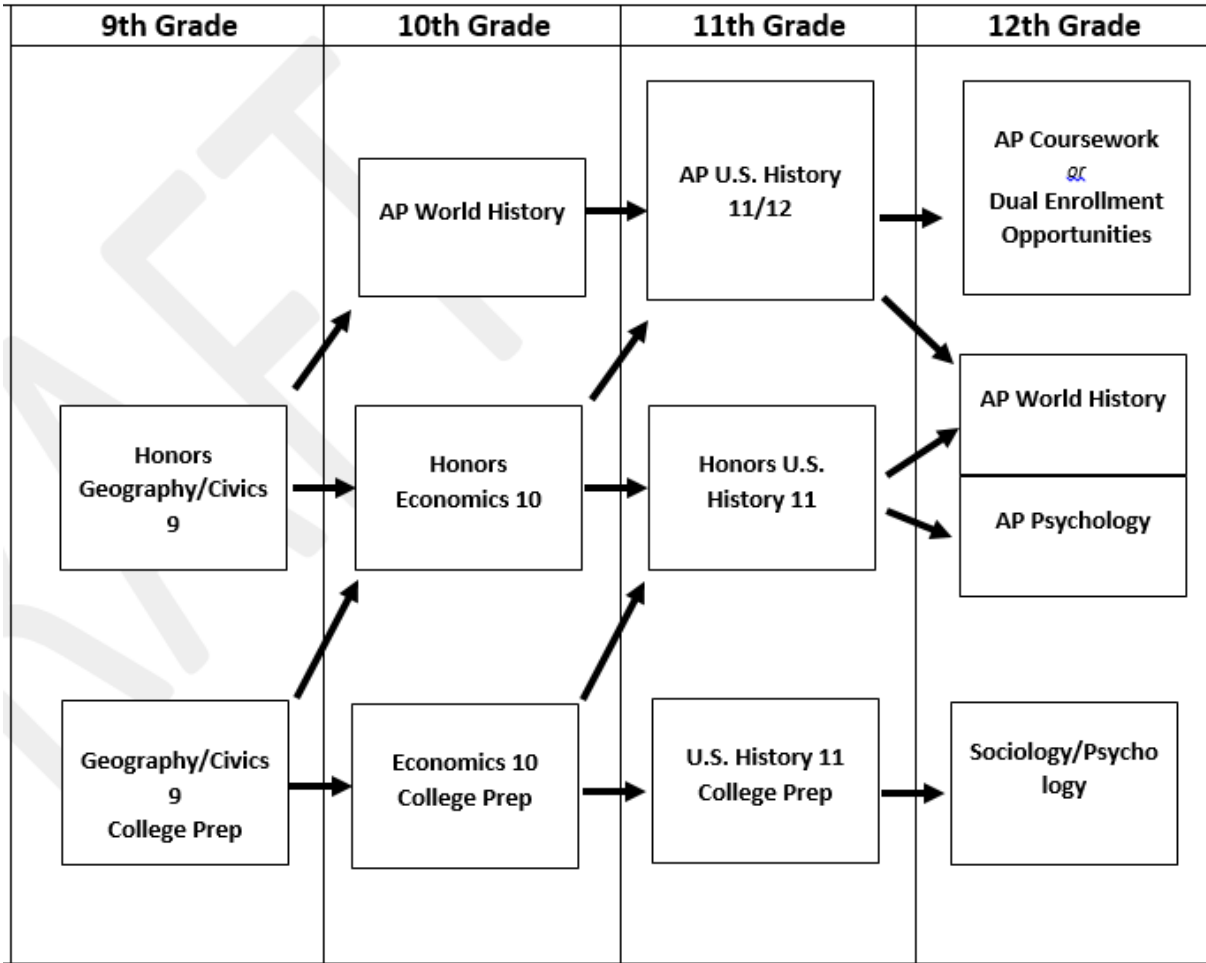
Environmental science is the study of how people interact with the environment. This course looks at the problems associated with the environment as well as the different types of ecosystems found in our world. The relationship between organisms as well as the relationship between an organism and its environment will be the focus of this course.

**AP Environmental Science – 190060AP****1.0 Credit**

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.



# Social Studies Articulation



**Geography/Civics (College Prep) - 210010**

**1.0 Credit**

This course is designed for students to engage in understanding government. Students will cover comparative government systems, the purpose of function of political parties, the dynamic nature of the Constitution and other policies that guide our lives, citizens’ rights and responsibilities and how to communicate with political parties, commissions, citizen groups and government.

**Honors Geography/Civics – 210010H**

**1.0 Credit**

The honors social studies curriculum is designed to challenge advanced students and to prepare them for AP social studies courses. Classroom lessons will have an emphasis on critical thinking and twenty-first century skills, while teaching the current state standards for geography & civics. In addition, honors students will be held to a higher standard of academic achievement in all learning experiences. Honors students are expected to complete research-based assessments (one per marking period), outside readings and document analysis. All of this is intended to maintain the integrity of the honors distinction.

**Economics - 210020****1.0 Credit**

This course will emphasize microeconomics and macroeconomics but will also cover comparative economic systems and international trade. Students will engage in practical application of these principles.

**Honors Economics – 210020H****1.0 Credit**

The honors social studies curriculum is designed to challenge advanced students and to prepare them for AP social studies courses. Classroom lessons will have an emphasis on critical thinking and twenty-first century skills, while teaching the current state standards for economics & personal finance. In addition, honors students will be held to a higher standard of academic achievement in all learning experiences. Honors students are expected to complete research-based assessments (one per marking period), outside readings and document analysis.

**AP Human Geography – 210030AP****1.0 Credit**

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

**AP Psychology – 210040AP****1.0 Credit**

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

**U.S. History - 210050****1.0 Credit**

This course surveys the period of United States History from the Civil War to the present. Topics of interest include the Reconstruction, American Industrialization, the Progressive Era, American Imperialism and involvement in World War I., the Great Depression, World War II.,

the Cold War, and the Civil Rights Movement. Additionally students will learn about political, economic, social and cultural events. Focus will be on historical thinking skills, vocabulary development, core content knowledge, and written communication skills. Students will engage in research, writing, analysis and interpretation of historical materials.

**Honors U.S. History – 210050H**

**1.0 Credit**

This course is designed for students who have demonstrated exceptional analytical reading and writing skills. It is the intention of this course to employ extended research projects and outside reading assignments to help students refine their individual thinking process, develop the participation skills for active involvement in their nation and the world, and extend skills needed for more advanced study in the discipline of history.

**AP U.S. History – 210050AP**

**1.0 Credit**

AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance — identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture — provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

**Sociology/Psychology - 210060**

**1.0 Credit**

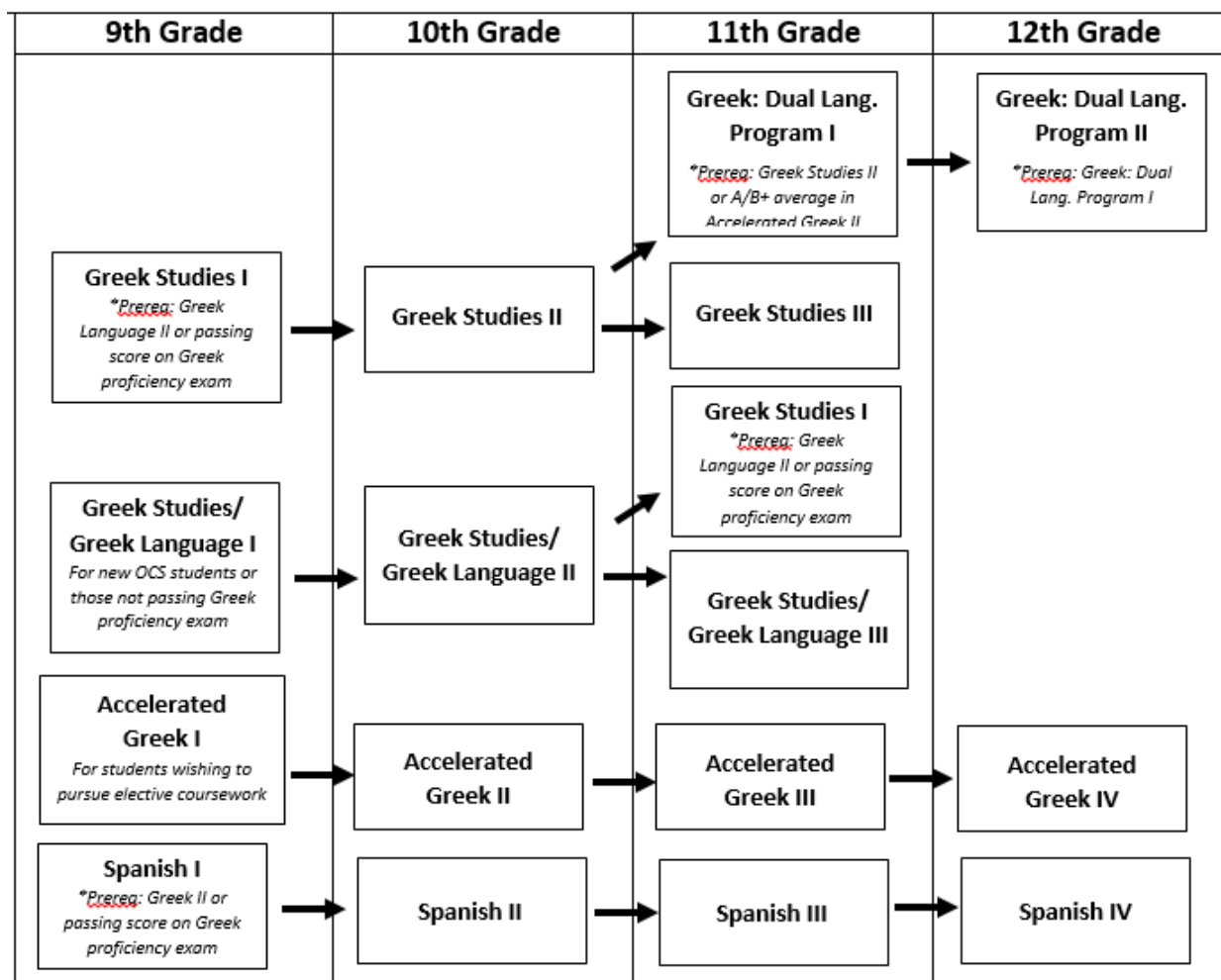
This course is an elective offered to highly motivated students interested in Social Studies. Psychology will explore thought processes from birth through childhood to adulthood. Emphasis will be placed on the analysis of psychological theories and historical study of psychologists and their doctrines.

**AP World History – 210070AP**

**1.0 Credit**

AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions.

# Greek Program



**Three credits of Greek Language/Studies required for OCHS graduation**

Odyssey Charter School requires successful completion of three credits of Greek Language/Greek Studies for graduation. For new students entering OCS in ninth grade, two of those credits must be Greek Language acquisition. For students previously enrolled at OCS *and* who earn passing score on the Greek Language proficiency exam, these students will enroll Greek Studies coursework, with the option of enrolling in Advanced Greek or another foreign language through electives.

Greek Language acquisition is an integral part of Odyssey Charter School’s mission. Those attending OCHS must comply with these language requirements. Note that Greek Language and Greek Studies coursework is academically rigorous and demanding, and this is important for incoming students to understand and readily accept. Commitment by student and family is critical to successful completion of Greek Language and Greek Studies courses and credits.

**Greek Studies/Greek Language I/II/III – 230010/230020/230030** **1.0 Credit/Course**

Students enrolled in this course are either new to Odyssey Charter and to the Greek Language or are in the early stages of Greek language acquisition. While Greek language acquisition is the paramount outcome of the course, students will also gain insight into Greek culture, Greek history, and the foundations of Hellenism. This course illustrates the mission of Odyssey Charter High School: the employment of foreign language attainment as the vehicle for engagement in classical education.

**Greek Studies I - 230040** **1.0 Credit**

Students who have successfully completed the Middle School Program in Greek language at Odyssey and achieved passing score on the Greek Language proficiency exam, or successfully completed Greek Studies/Greek Language II may enroll in this course. Students will participate in this course that begins to pull together the strands of Greek math, history, literature, and culture. The Greek math program will be the cornerstone of this program in connection with core content curriculum, but other areas of the humanities will also be emphasized. In first year, the emphasis will be on Greek traditions and culture. Students will also complete a research project on an aspect of Greek traditions and culture.

**Greek Studies II - 230050** **1.0 Credit**

This course will continue to pull together the strands of Greek math, history, literature, and culture that have been taught thematically in grades K-9. The Greek Math program will be the cornerstone of this program in connection with Interactive Math curriculum, but other areas of the humanities will also be emphasized. In the sophomore year, the emphasis will be on learning about Greek history and literature from a chronological stance. Students will also complete a research project on an element or period of Greek history.

**Greek Studies III - 230060** **1.0 Credit**

This course that will weave together the strands of Greek math, history, literature, and culture that have been taught thematically in grades K-10. In the 11<sup>th</sup> grade, the emphasis will be on explicitly connecting Greek and American culture and analyzing the influence of the Greek culture on American philosophy and government. Students will also complete a research project on the influence of Greece on America.

**Greek: Dual Lang. Program- English & Greek - 230070** **2.0 Credits**

Prerequisite: Successful completion of Greek Studies I and Greek Studies II and teacher recommendation  
Students in this course of studied the Greek languages from their elementary years, or its equivalent, and have developed very advanced language skills. These students have taken Greek

Studies I and II and are ready to apply their fluency in reading and writing the Greek language to a critical analysis of Greek and World Literature. This course will be taught in Greek in partnership between the traditional English teacher and the Greek Teacher. Students will read and write extensively in Greek and will critically analyze works of literature. This course will meet for a double period and students will receive both an English credit and a World Language credit.

**Accelerated Greek I/II -230080/230085**

**1.0 Credit/Course**

Students who have successfully completed the Middle School Program in Greek language at Odyssey or achieved passing score on the Greek Language proficiency exam may enroll in this elective course. Although they continue to imitate sounds and use learned words, phrases, and basic sentences, students show more comfort and ease with the language. They experiment by taking risks with the language in simple conversations on topics related to themselves and daily life. Students will be able to retell their daily activities and events in the past time frame. The students continue to develop an awareness of and appreciation for different cultures, including their own.

**Accelerated Greek III/IV – 230090/230095**

**1.0**

**Credit/Course**

This program is an extension of Accelerated Program I/II. Students will begin to speak in sentences with more authentic pronunciation. At this stage they make many mistakes as they learn more grammatical structures and begin to create with the language. They are learning to communicate in the past, present, and future time frames by using sentences and paragraphs. In this course, students will reflect upon their life and relate their experiences to those of their peers in the local and global communities. They also begin to demonstrate their cultural awareness as they use the language.

**World Language I: Spanish - 230110**

**1.0 Credit**

Prerequisite: Greek II or passing score on Greek Language proficiency exam

World Languages I introduces students to the Spanish language, the Spanish-speaking people, and to the geography and culture of the lands where these languages are spoken. Emphasis is placed upon developing understanding in speaking, reading, and writing the language. Oral practice is reinforced through dialogue, scenarios, presentations, and games. Aspects of French culture is researched and presented in written form and orally to the class.

**World Language II: Spanish - 230120****1.0 Credit**

Prerequisite: Successful completion of World Language I: Spanish

World Language II is designed to further develop the language skills of listening, speaking, reading, and writing in Spanish. There is still much emphasis placed on oral practice through dialogue, scenarios, “how-to” presentations, and teacher/student generated games. Considerable time is spent developing reading skills and applying them to Spanish conversation. Aspects of Spanish are researched and presented in written form and orally to the class.

**World Language III: Spanish - 230130****1.0 Credit**

Prerequisite: Successful completion of World Language II: Spanish

World Languages III offers a deepening and broadening of the student’s knowledge of Spanish language and culture. He/she is exposed to more advanced grammar and more in depth use of conversation in practical settings. Students summarize magazine and newspaper articles and participate in a variety of oral presentations and debates. They are exposed to a limited variety of Greek and Spanish writers and learn about the history of the civilization and culture of Greece or Latin America.

**World Language IV: Spanish - 230140****1.0 Credit**

Prerequisite: Successful completion of World Language III: Spanish

World Language IV is a continuation of the in-depth study of the Spanish language and culture studied in World Language. The students gain further knowledge of the history and present day life of Latin American countries, read a wide variety of Spanish authors, and continue to practice grammar and original composition. In oral Spanish, emphasis is placed on constant use of the language in the classroom. Each marking period different projects are undertaken such as journal writing, newspaper publishing, and movie producing.

# Elective Coursework

## **Physical Education I/II – 250010/250020**

**0.5 Credit/Course**

Physical Education classes provide opportunities for students to improve lifelong health, fitness, and activity related skills. Physical education presents information that challenges students to improve personal fitness levels and to participate in individual and team activities. All courses focus on the development and the maintenance of a healthy and actively fit individual. Physical education is an essential component in the education of the whole child by linking cognitive knowledge to physical activity and social interaction.

Students are required to earn at least one full credit of physical education course by the end of their senior year.

## **Health - 250030**

**0.5 Credit**

Health Education establishes a foundation of understanding the relationship between personal behavior and health. The curriculum includes Nutrition and Physical Activity; Personal Health and Wellness; Mental and Emotional Health; Family Life and Sexuality; and Tobacco, Alcohol and Drugs.

## **Drivers Education - 250050**

**0.25 Credit**

The Driver Education course consists of no less than 1350 minutes of classroom instruction covering the study of the Delaware Driving Laws and the theory of safe driving. Each student spends 7 class hours of 315 minutes on behind-the-wheel instruction as well as the same amount of observation time. Driving simulators may be submitted for the required behind-the-wheel instruction but only up to (3) three hours of the time at the ratio of four (4) hours of driving simulation to one (1) hours of actual behind-the-wheel laboratory instruction.

The course in Driver Education is provided exclusively for tenth grade students and satisfies the requirements for licensing of motor vehicle drivers as required by state law. Successful completion of both the classroom and driving instruction phases is necessary if the student is to receive a license to drive prior to his/her eighteenth birthday.

The driving time given to the student is limited. It is obvious that he or she will not have had sufficient supervised time or opportunity behind the wheel to make the student become an experienced, confident driver. Therefore, a minimum of at least thirty (30) hours under parental supervision is suggested so that he/she can gain the experience and confidence necessary to feel comfortable driving alone.



NOTE: If student fails to complete the course requirements, his/her options are:

-- Obtain a driver's license at age 18.

-- Retake the course at his/her own expense at another location, which offers State approved Driver Education classes.

## Art

### **Visual Arts I - 270010**

**1.0 Credit**

This course is an introduction to the study of creating and expressing through visual arts media. A wide variety of techniques, traditional fine arts materials and tools will be used to create works of art. The creative experiences in this course will serve as a foundation for more advanced study in the arts.

### **Visual Arts II - 270020**

**1.0 Credit**

Prerequisite: Visual Arts I

This course emphasizes and builds on the concepts of Visual Arts I. Refinement and advanced techniques and materials will be explored. The role of artist as communicator will be practiced. The impact of social, political and personal issues that influence the creation of art will be a major segment of this course.

### **Art History - 270030**

**1.0 Credit**

This course is a survey of world art from Antiquity to the present. It will focus on the media of painting, sculpture, and architecture of various cultures. The course will feature highlights from art movements of Europe, Africa, the Middle East, Asia, and the Americas. This course is meant to be an introduction, and its intent is to equip students with the tools necessary to pursue further study of the history of art.

### **AP Art History – 270030AP**

**1.0 Credit**

The AP Art History course is equivalent to a two-semester introductory college course that explores topics such as the nature of art, art making, and responses to art. By investigating a specific image set of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content, as they experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.

**Greek Art History - 270040****1.0 credit**

Development of Greek art from the early Iron Age through the Geometric, Archaic, Classical, and Hellenistic periods.

**Ceramics - 270050****1.0 credit**

This course is structured to explore the elements and principles of design through three dimensional experiences. Students develop skills for producing works in clay by pinching, coil-building, slab construction and the potter's wheel. Techniques of surface decoration include glazing, stamping and incising.

**AP Studio Art Program – 270060AP/270070AP/270080AP****1.0 credit/course**

The AP Program offers three studio art courses and portfolios: Two-Dimensional Design, Three-Dimensional Design, and Drawing. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. Students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios — 2-D Design, 3-D Design and Drawing — corresponding to the most common college foundation courses. Students may choose to submit any or all of the Drawing, Two-Dimensional Design, or Three-Dimensional design portfolios. AP Studio Art students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions.

## Business

**Business, Finance & Marketing -300010****1.0 Credit**

The focus of this course is the use of today's powerful digital communication tools and applying finance, management, administration and marketing strategies. Software applications may include, but are not limited to word processing, spreadsheet, e-mail, web browser, database, and multimedia tools and are essential for professional, academic and economic success. This course will go beyond basic input skills in preparation for real world applications.

**Introduction to Accounting - 300020****1.0 Credit**

Introduction to Accounting, focuses on the principles of financial accounting, encompassing the entire accounting cycle including depreciation, inventory, ratio analysis and daily transactions for proprietorships, partnerships, and corporations; computerized accounting; personal financial

planning including stocks, bonds, mutual funds, insurance, income taxes, budgets, credit and other personal finance topics. It serves as the basis for college courses and/or initial employment. It is designed to provide the skills and knowledge necessary for employment in accounting and other business occupations that may utilize a systems approach.

### **Advanced Accounting - 300030**

**1.0 Credit**

Prerequisite: Successful completion of Introduction to Accounting

Advanced Accounting provides an in-depth review of Introduction to Accounting with more intensive practice in fundamental accounting principles including depreciation, inventory control, financial statements and ratio analysis; annuities and sinking funds, business statistics and receivables. Areas covered include accounting for service and merchandising businesses for proprietorships, partnerships and corporations. A greater emphasis is placed on computerized accounting problems. It provides a foundation for the advanced study of accounting or business majors at the college level. Additional work includes analysis of the requirements for a sound investment program including stocks, bonds, mutual funds, options, commodities and other private and public securities.

## Chorus

### **Chorus I/II/III – 280016/280020/280030**

**1.0 Credit/Course**

Students will learn advanced choral techniques, with an emphasis on musicianship, including theory and sight reading. Individual and group parts tests are given periodically. Students are expected to prepare individual voice parts outside of class time, and scheduled rehearsals and concert participation is required. Performances include regularly scheduled school concerts, community appearances, assemblies, festivals, contests, and may include a performance tour. This choral group will perform two mandatory concerts. This course is repeatable for additional credit.

## Drama

### **Drama I/II/III – 280050/280060/280070**

**1.0 Credit/Course**

Students will learn advanced choral techniques, with an emphasis on musicianship, including theory and sight reading. Individual and group parts tests are given periodically. Students are expected to prepare individual voice parts outside of class time, and scheduled rehearsals and

concert participation is required. Performances include regularly scheduled school concerts, community appearances, assemblies, festivals, contests, and may include a performance tour. This choral group will perform two mandatory concerts. This course is repeatable for additional credit.

scene studies, and performing monologues. Students will also begin to explore writing for the stage. Students are required to perform in the One-Act Play Festival held at the end of the year. This course is repeatable for additional credit.

## Music

### **Band/Marching Band - 2800110**

**1.0 Credit**

Band is offered during the school day as a full credit course. Students earn their grade by fulfilling various requirements. Band is a co-curricular subject, which means that many required activities take place beyond the normal school day. These include football games, concerts, parades and more. This is a performance-oriented class, which means that the previously mentioned activities are a major part of a student's grade. In order to prepare for the marching season, each student is expected to attend band camp, which is held in August.

### **Percussion Ensemble - 2800120**

**1.0 Credit**

Students will develop techniques for playing percussion instruments (mallet keyboards, snare, timpani, and auxiliary), as well as music reading skills. Critical analysis and problem solving, collaboration, and musical skills and understandings are developed through individual and group experiences. There is no prior experience required to enroll in the percussion class, however the goal of student participation is to prepare them to move into the concert band or symphonic band.

### **AP Music Theory - 2800130**

**1.0 Credit**

Prerequisites: none; however, students should be able to read and write musical notation, and it is strongly recommended that the student has acquired at least basic performance skills in voice or on an instrument.

The AP Music Theory course corresponds to two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills including dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective.

Performance is also part of the learning process. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

# Career Pathways

## **Exploring Computer Science (ECS) - 350010**

**1.0 Credit**

Prerequisite or Concurrent Enrollment Requirement: Algebra I

The Exploring Computer Science (ECS) curriculum is to develop students' abilities to apply computational thinking and algorithm development. Students apply problem solving skills and programming language to situations that are relevant in their lives. Students are introduced to topics such as interface design, limits of computers, as well as societal and ethical issues.

## **AP Computer Science Principles (CSP) - 350020**

**1.0 Credit**

Prerequisite: Exploring Computer Science (ECS)

The Advanced Placement (AP) Computer Science Principles (CSP) course is intended to engage students in the computer science discipline and prepare a pipeline of STEM majors by focusing on the creative aspect of computing and computational thinking. Students will experience how computing impacts their everyday lives and create artifacts with practical, personal, or societal intent. Further, students will collaborate with others to pose problems, develop projects, implement solutions and evaluate outcomes. The course promotes student innovation and exploration related to computer science.

## **AP Computer Science A (CSA) - 350030**

**1.0 Credit**

Prerequisites: Exploring Computer Science (ECS) and AP Computer Science Principles (CSP)

The Advanced Placement (AP) Computer Science A (CSA) course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development. The course includes the study of data structures, design, and abstraction. A large part of the course is built around the development of computer programs that correctly solve a given problem, while developing the use of logic and formal methods of programming.