

# Odyssey Charter High School

Wilmington, Delaware



Course Selection Catalog

2018-2019

# 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 HIGH SCHOOL COUNSELING DEPARTMENT

School Counseling services are available for every student in the school. These services included, 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 student 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 with the school counselor.

Changes to schedules may be granted for the following reasons:

1. To change the level of the course such as honors verses college prep.
2. Or if you have been placed in a course that is not on your original course request.

All efforts to resolve schedule change requests will be made, but not every request can be honored. **Students will be allowed to submit their schedule change requests until the tenth (10<sup>th</sup>) day of the class.** Request must be submitted on a Drop/Add form that is available in the School Counselor’s office. Parent or guardian signature is required on all forms for any change to be made.

## 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 Language/Studies
1 Physical Education	1 Physical Education
1/2 Health	1/2 Health
3 Career Pathway	3 Career Pathway
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 OCHS 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 in 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 experience, 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.

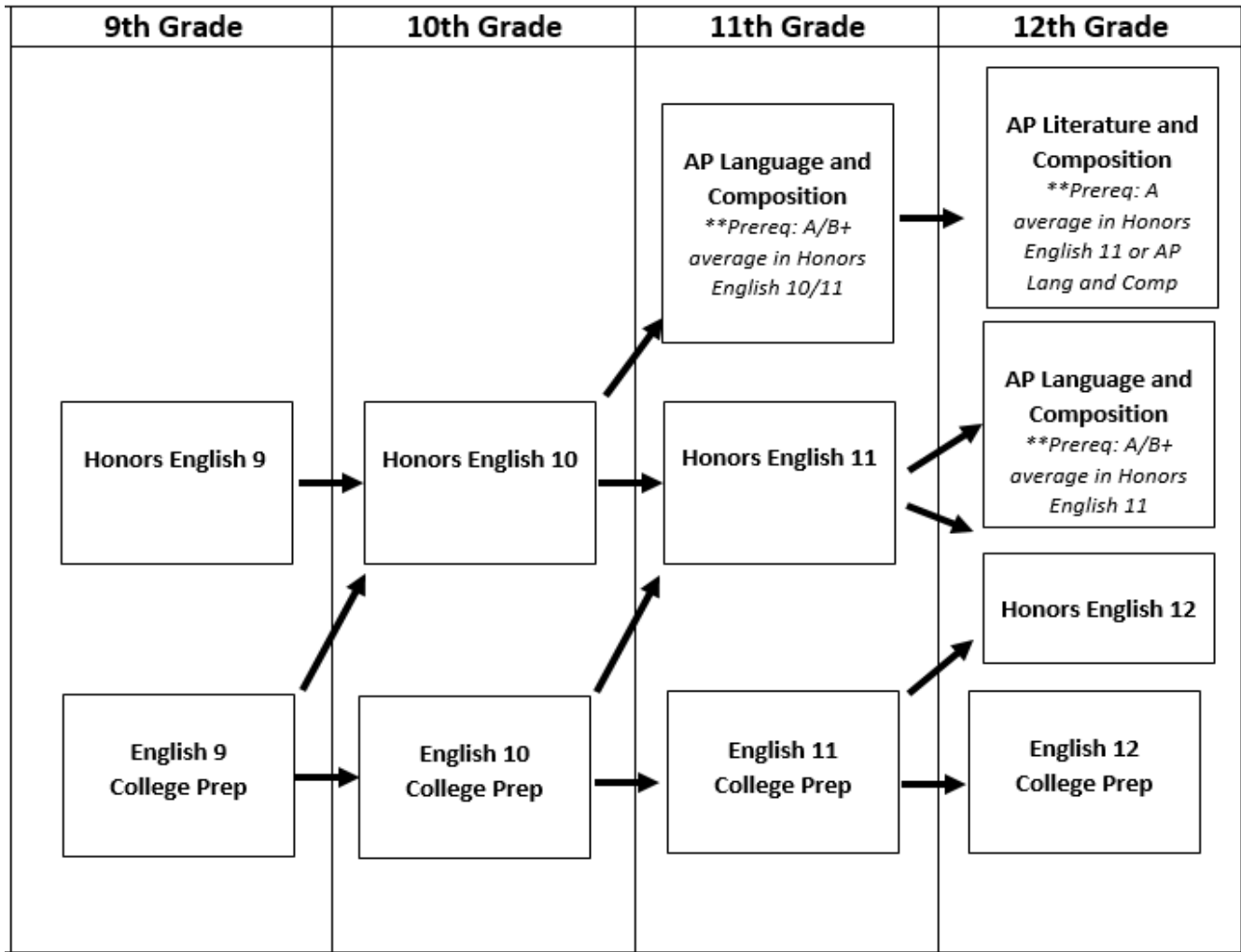
## Advanced Placement (AP) Studies

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. ***It should be understood that students who enroll in AP courses will take the AP exams that go along with those courses. These exams must be paid for by the student. These exams are created through College Board, a national organization that administers the PSAT, SAT and AP exams.***

## Dual Enrollment

Dual Enrollment allows high school students to take college-level courses at their high school through partnerships between high schools and Delaware Technical & Community College (DTCC). Students earn both high school and college credit by passing the class. ***When a student takes a Dual Enrollment course, they are responsible for the cost of the course. Course fees vary between institutions and course and range from \$125 to \$300 per student.***

## 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 student’s 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 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 with student's ability to integrate information across texts and themes. A cohesive writing component, along with presentation and discourse is integrated throughout the course to develop student's 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. 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 – 11030H****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. SAR practice in critical reading will be studied prior to taking the SAT.

**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.

**Honors English 12 – 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 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.

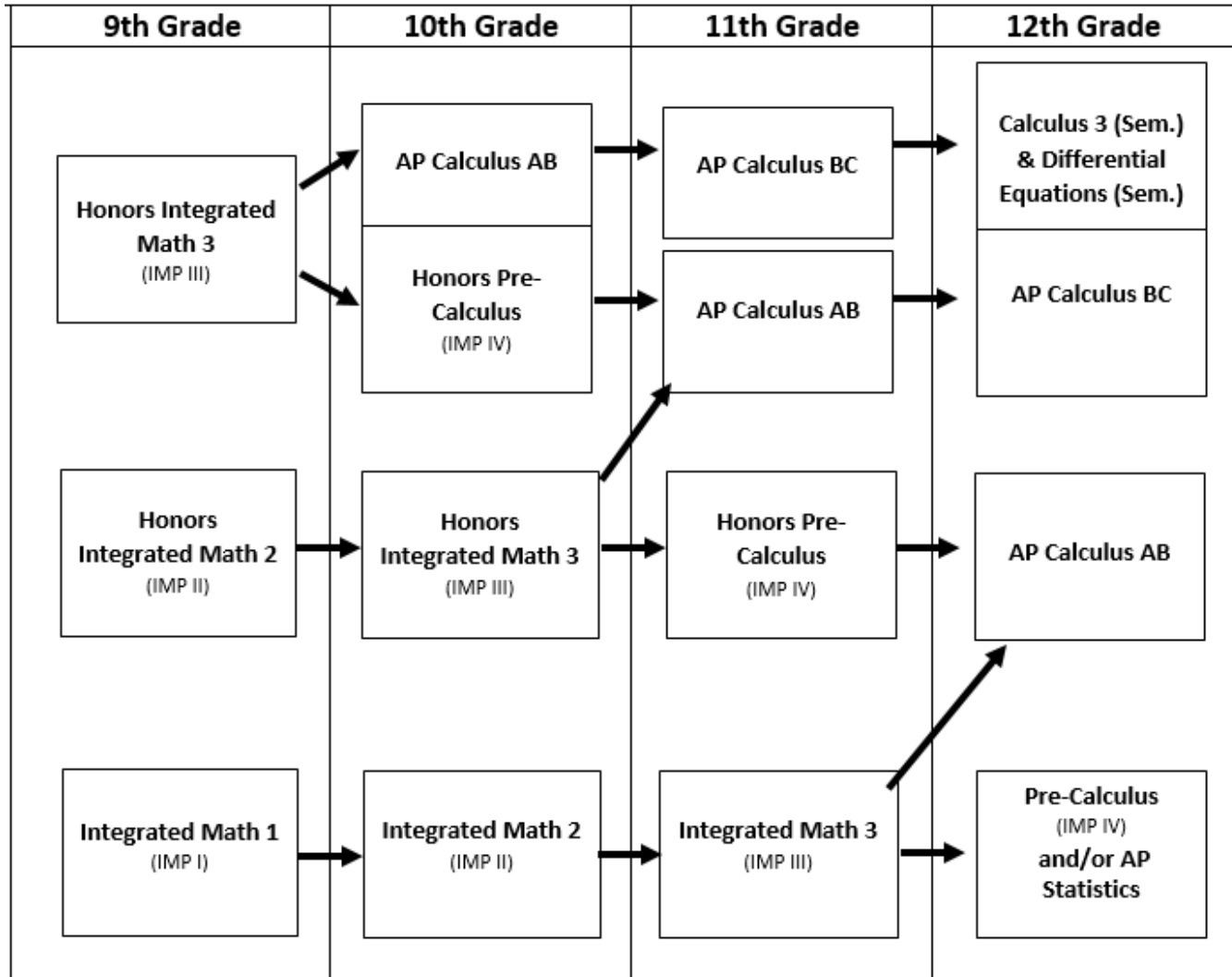
**AP English Literature & Composition – 110060AP****1.0 Credit**

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



\*Each student will be placed in the appropriate math program best suited to his/her math capabilities, based on placement test score, performance and grades, prior coursework, teacher recommendation, and standardized test results. Teacher approval is required for AP courses.

AP Statistics will be offered as an elective in grades 10 through 12, for students who have completed Integrated Math 3 with a final grade of A or B.

## **Integrated Math 1 (College Prep) – 150110**

**1.0 Credit**

This is the first of three high school level courses that integrate algebra, geometry, trigonometry, and statistics under the Common Core State Standards. This course formalizes and extends the mathematics that students learned in middle school. This course includes much of the content of an Algebra I course as well as geometry and statistics.

**Integrated Math 2 – 150120****1.0 Credit**

This course is the second of three high school courses that integrate algebra, geometry, trigonometry, and statistics under the Common Core State Standards. This course focuses on quadratic expressions, equations, and functions while comparing their characteristics and behavior to those of linear and exponential relationships as encountered in Integrated Math 1.

**Honors Integrated Math 2 – 150120H****1.0 Credit**

This is the second course in the accelerated pathway to calculus. The course integrates the Common Core State Standards as outlined in the mathematics framework with additional higher-level standards. The intent of the course is to prepare students for Honors Integrated Math 3. Students will be exposed to the content of the standard Integrated Math 2 course with the expectation that they will explore that content more deeply, including studying and analyzing conic sections and vectors and their relationships to complex numbers.

**Integrated Math 3 – 150130****1.0 Credit**

Prerequisite: Integrated Math 2

This course is the third of three high school courses that integrate algebra, geometry, trigonometry, and statistics under the Common Core State Standards. This course extends the mathematics students learned in Integrated Math 2. Students expand their repertoire of functions to include polynomial, rational, and radical functions. The expanded study of right-triangle trigonometry includes general triangles. They bring together data, functions, and geometry to create models and solve contextual problems.

**Honors Integrated Math 3 – 150130H****1.0 Credit**

Prerequisite: Honors Integrated Math 2

This course is the third of three high school courses that integrate algebra, geometry, trigonometry, and statistics under the Common Core State Standards. This course extends the mathematics students learned in Integrated Math 2. Students expand their repertoire of functions to where they will be able to identify patterns that are created by polynomials, rational, and radical functions. They discover how to predict the behaviors of these graphs and theorize about their domain and range. Furthermore, students use their understanding of basic trigonometry to predict the movement of an object on a Ferris Wheel. Additionally, they use ideas like rate and velocity to ensure that a diver being dropped off of a Ferris Wheel lands into a moving cart full of water. By the end of the year they bring together data, functions, and geometry to create models and solve contextual problems. 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. Students build upon concepts learned in past years including solving linear inequalities with variables  $x$ ,  $y$ , and  $z$  to solve inequalities involving three different variables. They also use matrices to solve those problems with more than 3 variables. In addition, they learn about the third dimension of the coordinate plane and even perform translations of shapes in all 3 dimensions. Students will also get a head-start on Calculus by discovering and proving basic derivative rules and their anti-derivative equivalent. They even practice the Fundamental Theorem of Calculus with several real-world applications. Lastly, they also exposure to advanced statistics in the context of understanding election polls. 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 of higher in Honors Integrated Math 3 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 coordinates are included in this course. The use of a graphing calculator (TI-83 or similar) in an integral part of the course. Both the pace and depth of this course are more rigorous than 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 – 150050AP****1.0 Credit**

Prerequisite: "B" average of 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, and 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 – 150050AP****1.0 Credit**

Prerequisite: 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**

Prerequisite: AP Calculus BC and teacher recommendation.

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**

Prerequisite: Calculus 3 and teacher recommendation.

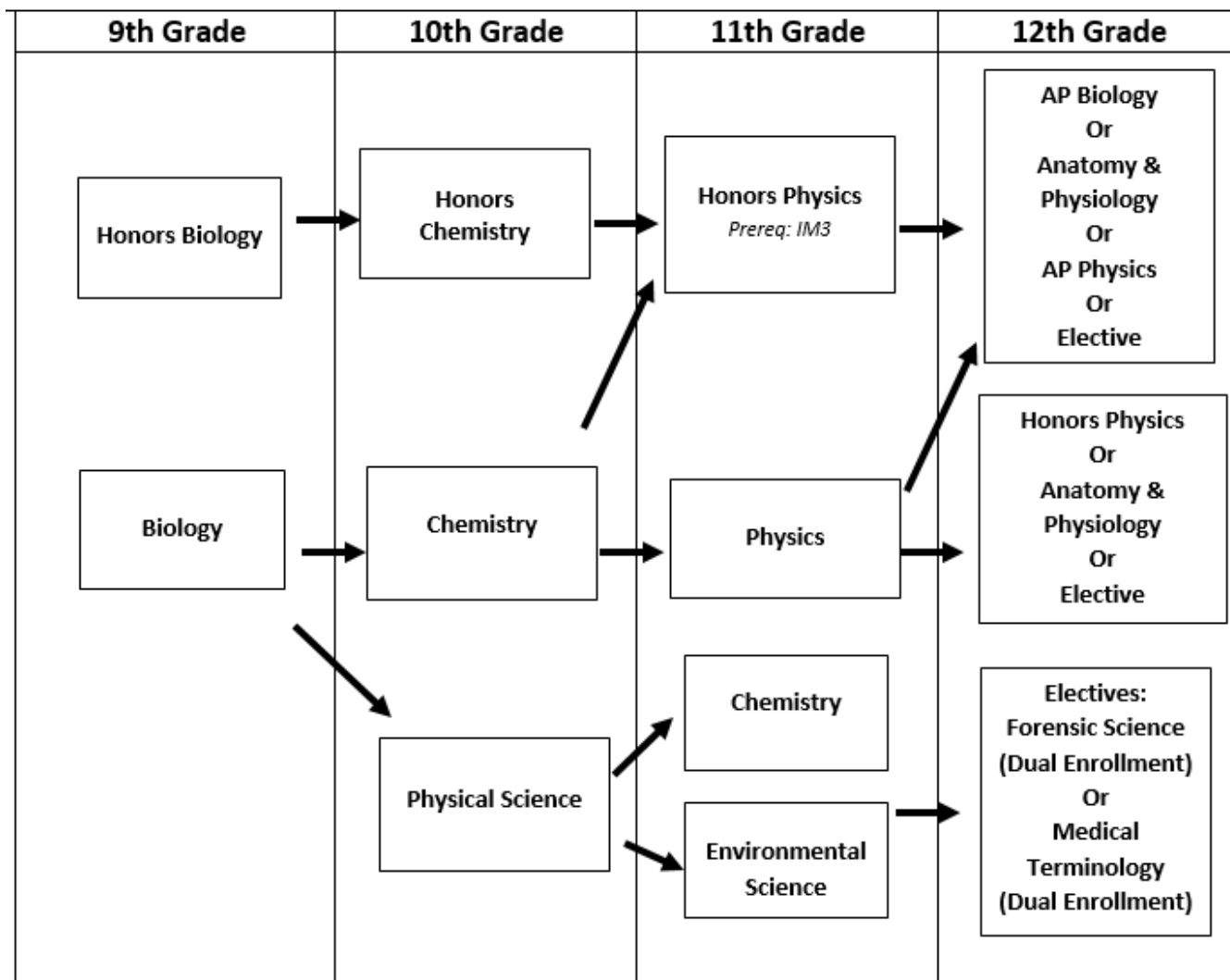
This course is designed for students who have completed Calculus 3. Topics include solutions and applications of ordinary differential equations including initial values and end point problems, Laplace transforms, phase plane, series solutions and partial differential equations.

**AP Statistics – 150080AP****1.0 Credit**

Prerequisite: Integrated Math 3 and teacher recommendation.

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



### 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: cell biology, genetics, and ecology.

### Honors Biology – 190020H

**1.0 Credit**

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

This course 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 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, physical and chemical properties of matter, energy changes and the gas laws.

**Honor Chemistry – 190030H****1.0 Credit**

Prerequisite: "B" average or higher in Honors Biology OR teacher 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.

**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 Integrated Math 3 AND science and math department recommendation.

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, 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.

**Physical Science – 190025****1.0 Credit**

This course explores the fundamentals of chemistry, physics and earth science while introducing students to standard laboratory techniques. Topics include elements and compounds, atomic structure, chemical reactions, forces, motion, mechanics and energy.

**AP Physics – 190040AP****1.0 Credit**

Prerequisite: Successful completion of Integrated Math 3 AND science and math department recommendation.

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 and 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 and 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.

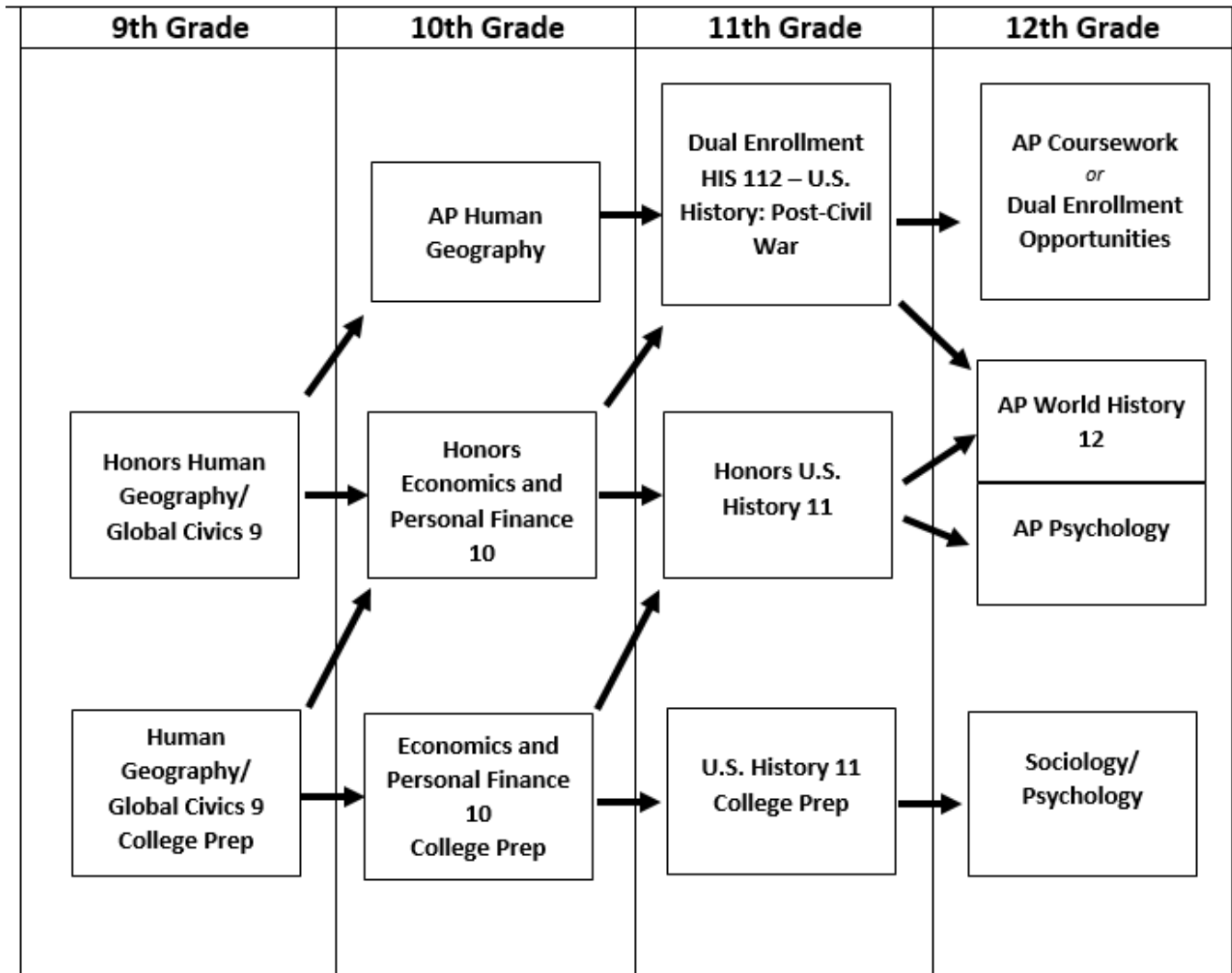
**Del-Tech Dual Enrollment****Medical Terminology – 190080DE****1.0 Credit**

Prerequisite: Passing score on the Accuplacer test

This course introduces terms that comprise the language of medicine. Topics include Greek and Latin prefixes, suffixes, and roots, and abbreviations as well as terms related to disease and surgical, laboratory, imaging, and clinical procedures. Emphasis is placed on defining, pronouncing, and appropriately using the terms in written and oral communication.

(cost associated with this course)

## Social Studies



### Human Geography/Global Civics (College Prep) – 210010

**1.0 Credit**

This course is designed for students to engage in understanding government. Student 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, citizen’s rights and responsibilities and how to communicate with political parties, commissions, citizen groups and government. The course will provide students with skills and competencies that lead to the development of global civic responsibility. It is an active and applied approach to civics education. Moreover, students will develop intellectual skills that help citizens identify, describe, explain, and analyze information and will enable them to evaluate, take, and defend positions on global issues. Students will develop participatory skills that enable citizens to monitor and influence civic life by working with others, expressing ideas, and managing conflict.



**Honors Human Geography/Global 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 and Personal Finance – 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 and Personal Finance – 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 and 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. Units of study include population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography. Emphasis is placed on geographic models and their 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 Civil 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.

**Del-Tech Dual Enrollment****HIS 112 U.S. History: Post-Civil War – 210050DE****1.0 Credit**

Prerequisite: Passing score on the Accuplacer test

This course surveys United States history through 1877 to present. The course covers political, social, cultural, and economic factors that shaped the pattern of life in the United States.  
(cost associated with this course)

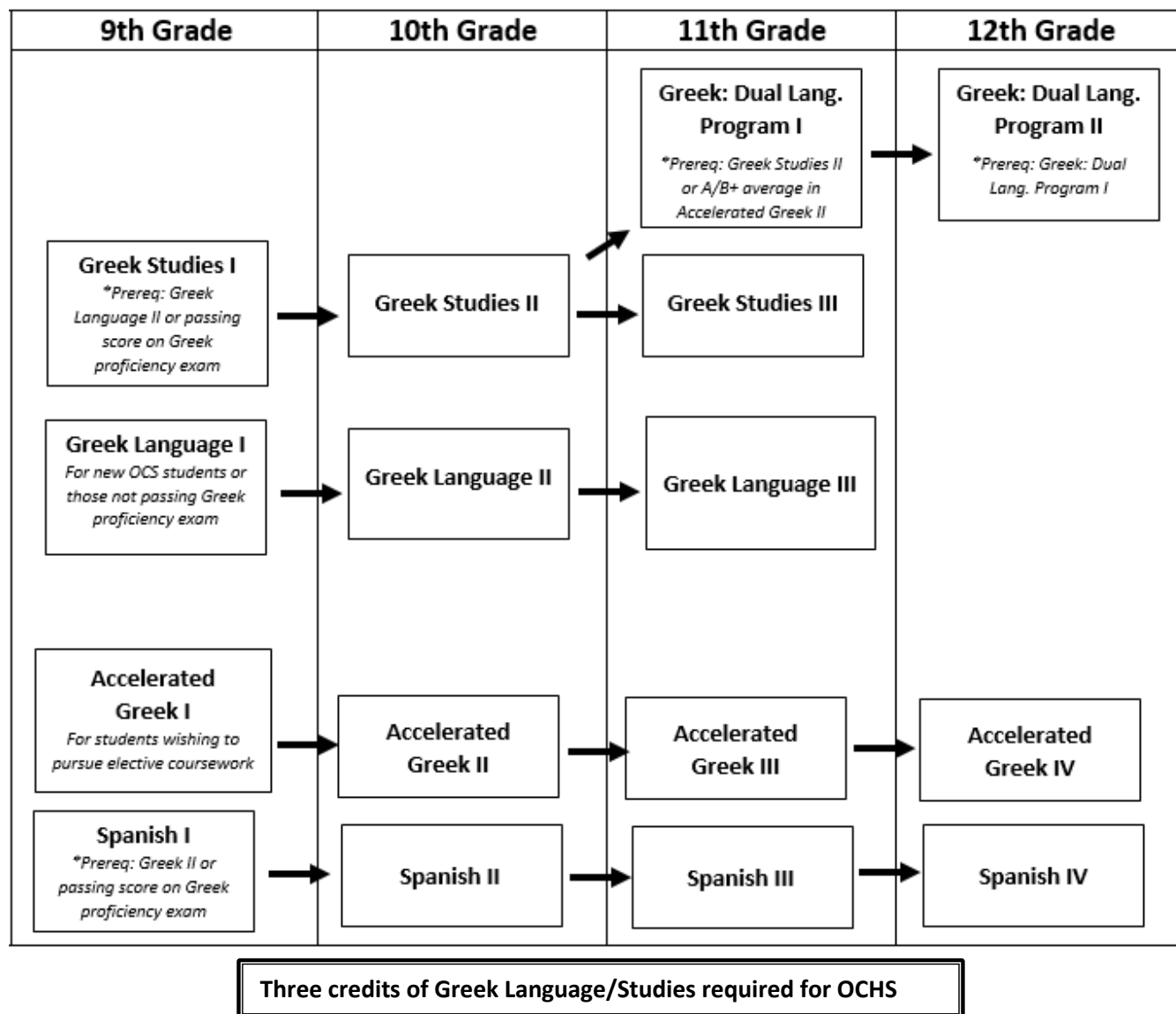
**Sociology/Psychology – 210060****1.0 Credit**

This course is an elective offered to highly motivated students interested in Social Studies. Psychology will explore through 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 student's 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



Odyssey Charter School requires successful completion of three credits of Greek Language/Greek Studies for graduation. For new students entering OCHS in ninth grade, two of those credits must be Greek Language acquisition. Students previously enrolled at OCS *and* who have earned a passing score on the Greek Language proficiency exam will enroll in 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. Please 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 Language I/II/III – 230010/230020/230030****1.0 Credit/Course**

While Greek Language acquisition is the paramount objective of these courses, students will also gain insight into Greek Culture, Greek History, and the foundations of Hellenism. These courses embody one of the primary missions of Odyssey Charter High School: the employment of foreign language attainment as the vehicle for engagement in classical education.

Enrollment requirements/prerequisites:

**Greek Language I** –Students who are either new to Odyssey Charter High School and the Greek Language or are in the early stages of Greek Language acquisition.

**Greek Language II** – Successful completion of Greek Language I.

**Greek Language III** – Successful completion of Greek Language II.

**Greek Studies I/II/III – 230040****1.0 Credit****Connecting the Dots Between Ancient Greece and Modern Culture**

With their participation in these courses, students will have the opportunity to learn about Greek culture and identity from the ancient period to the present day. This knowledge is presented in a living, breathing context, the better to gain insight not only into Greece and the Greeks, but also into our shared and unique cultural identities.

**Greek Studies I – 230040****1.0 Credit**

This course will delve into the history of the ancient Greek world, and the birth, growth and development of Greece into a significant civilization. In the first year, the emphasis of this course will be on learning about the history of Ancient Greece, from the Bronze Age to the death of Alexander. It covers major social, economic, political, and religious trends. It also includes discussions on Homer, heroism, and the Greek identity. Students will explore and examine aspects of Greek history, literature, culture and other areas of the humanities, as well as exploring Greece's contributions to world civilization in various spheres, such as mathematics, science, philosophy and politics. Students will also complete a research project on an element or period of Greek history.

**Greek Studies II – 230050****1.0 Credit**

Following the historical line from the death of Alexander, through Byzantium and towards the formation of Modern Greece, this course begins to pull together the strands of Greek history, literature, mythology, culture and other areas of the humanities. In the sophomore year, the emphasis will be on Greek traditions, folklore and culture.

Students will also complete a research project on an aspect of Greek traditions and culture.

Enrollment requirements/prerequisites:

Students who have successfully completed the Middle School Program in Greek Language at Odyssey and have achieved a passing score on the Greek Language proficiency exam, or have successfully completed Greek Language II.

**Greek Studies III – 230060****1.0 Credit**

Through a focus on literature and the written word, this course will weave together the many strands of Greek history, literature, culture and other areas of the humanities, as well as tying together the critical elements of Greece's impact upon world civilization. In the 11<sup>th</sup> grade, the emphasis will be on literature as a lens through which to view connections between Greek and world cultures, and a device for the analysis of the lasting influence of Greece upon western culture, philosophy and systems of government.

Students will also complete a research project on the influence of Greece on America.

**Greek: Dual Language Program – English & Greek – 230070****2.0 Credits**

Prerequisite: Successful completion of Greek Studies I & II and teacher recommendation

Students in this course have studied the Greek language from their elementary years, or its equivalent, and have developed very advanced language skills. These students have taken Greek Studies I & II and are ready to apply their fluency in reading and writing the Greek language towards a critical analysis of Greek and World Literature. This course will be co-taught in Greek, in a collaborative 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 class will meet for a double period and students who successfully complete the course 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 have achieved a passing score on the Greek Language proficiency exam may enroll in this elective course. Although they will continue to expand their vocabulary, familiarity with common phrases, and basic sentences, students demonstrate more comfort and ease with the language. Students will be expected to experiment with the use of the Greek Language and to take risks with expressing themselves through conversations about various topics and relating stories in the present, past, and future tenses. Students will continue to develop an awareness of and appreciation for different cultures, including their own.

**Accelerated Greek III/IV – 230090/230095****1.0 Credit/Course**

These courses are a more advanced extension of the Accelerated Greek Program I/II. Students will begin to speak in more complex sentences, and with a more authentic pronunciation. At this stage they will be able to take on more challenging 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 Language 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 Spanish 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 Language 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 Spanish Language writers and learn about the history of the civilization and culture of Spain 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 studies in World Language. The students gain further knowledge of the history and present day life of Spain and Latin American countries, read a wide variety of Spanish Language 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.

## Career Pathways

### **Computer Science – 3 courses**

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

**1.0 Credit**

Prerequisite or concurrent enrollment requirement: Integrated Math I

**Exploring Computer Science (ECS)** allows students to focus on the conceptual ideas of computing to understand why certain tools or languages might be utilized to solve particular problems. The goal of the course is to develop computational practices of algorithm development, problem solving and programming within the context of relevant and authentic problems. Topics such as interface design, limits of computers, as well as societal and ethical issues are explored.

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

**1.0 Credit**

Prerequisite: Exploring Computer Science (ECS)

**AP Computer Science Principles (CSP)** allows students to understand the real-world impact of computing applications and programming literacy using a multidisciplinary approach. Students are introduced to creative aspects of programming, using abstractions and algorithms, working with large data sets, understandings of the internet and issues of cybersecurity, as well as impacts of computing that affect different populations. CSP gives students the opportunity to use current technologies to solve problems and create meaningful computational artifacts for both self-expression and problem-solving.

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

**1.0 Credit**

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

**AP Computer Science A (CSA)** allows students to solve problems, work with design strategies and methodologies, organize data through data structures, apply data processing techniques, analyze potential solutions, and investigate ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. The CSA course curriculum is compatible with many CS1 courses at the college and university level.

***It should be understood that students who enroll in the Computer Science Pathway will take the AP exams that go along with the Computer Science Principles and Computer Science A courses. These exams must be paid for by the student. These exams are created through College Board, a national organization that administers the PSAT, SAT and AP exams.***

### **Accelerated Greek – 3 or 4 courses**

Accelerated Greek I, II, III, IV – please refer to page 21 for course descriptions.

## ***Drama – 2 pathway options: Stage Crew or Acting – 3 courses each***

### **Stage Crew I – 280200**

**1.0 Credit**

Prerequisite: Introduction to Drama or teacher approval

This introductory course is designed for the technical side of drama involving theater/television/film. Students in this class will learn about basic set design, costumes/props, light design and set building. Students will have the opportunity to build simple props that might be used on stage or in television and film.

### **Stage Crew II – 280210**

**1.0 Credit**

Prerequisite: Stage Crew I

Students in this class will begin to apply their knowledge of set design, lighting design and set construction as they help build the set for that school year's Fall Stage Production, as well as the Student directed One-Acts and Spring Stage Production. Students will also assist in all facets of Stage Crew for the Theater Productions put on that year.

### **Stage Crew III – 280220**

**1.0 Credit**

Prerequisite: Stage Crew I and II

This course is designed to help the student become a leader in the technical side of theater/television/film. Students will assist the teacher with helping to teach Stage Crew I and II classes. Students will also be in charge of designing the set and lights for the upcoming Fall/Spring productions.

### **Acting I – 280300**

**1.0 Credit**

Prerequisite: Introduction to Drama or teacher approval

This introductory course is designed to help students with the difference between acting for stage and acting for the camera. Students will explore these techniques through monologues and scene work. Students will also have the opportunity to work on audition technique and acting in front of a camera. Students will also be offered roles in One-Act performances written and directed by Acting II students.

### **Acting II – 280310**

**1.0 Credit**

Prerequisite: Acting I

This course will introduce ways for the student to explore choices as it pertains to scene work and play analysis. Students will understand directing choices, casting, character work, and script breakdown. They will also have the opportunity to write, perform, and direct their own monologues, scenes and plays. They will write and revise several drafts of a One-Act play that will be performed by students in Acting I.

### **Acting III – 280320**

**1.0 Credit**

Prerequisite: Acting I and II

Students who advance to this class will help assist the teacher with teaching the Acting I and II classes. Students will also work closely with the director of the Fall/Spring productions and learn what it takes to direct a high level production. Students in this course will also assist with the overall production of the One-Act performances.



## ***Business Information Management – 3 courses***

### **Business Information Technology (BIT) – 300100**

**1.0 Credit**

This course provides students with a solid understanding of the role ethics holds across professions and an overview of information technology (IT) today. Students will consider contemporary IT issues such as security and privacy, the effects of IT on society and the individual, and technological inequality.

### **Global Business Economics (GBE) – 300200**

**1.0 Credit**

This course provides students with an introduction to the key concepts of economics as it pertains to business and an understanding of how and why businesses choose to expand their operations into other countries.

### **Entrepreneurship (ENT) – 300300**

**1.0 Credit**

This course provides students with an introduction to the concept of service as a critical component of business and an understanding of the critical role played by entrepreneurs in the national and global economy.

## ***English Language Arts – 3 Courses***

### **Creative Writing – 110200**

**1.0 Credit**

This course provides students with opportunities to develop their literary talents. It includes a study of varied forms of prose and poetry and gives students the experience to write creatively in different genres. In addition, students will contribute to publications.

### **Public Speaking – 110210**

**1.0 Credit**

This course provides instruction and experience in preparation and delivery of speeches within a public setting and group discussion. Emphasis is on research, preparation, delivery, and evaluation of informative, persuasive, and special occasion public speaking. Upon completion, students should be able to prepare and deliver well-organized speeches and participate in group discussion with appropriate audiovisual support. Students should also demonstrate the speaking, listening, and interpersonal skills necessary to be effective communicators in academic settings, in the workplace, and in the community.

### **Poetry – 110220**

**1.0 Credit**

This course will involve the study of methods, forms, and experiences that have helped develop poets. Students will write poetry using many of the same devices. Through in-class writing exercises, reading of model poems, and discussion of student work, this course encourages students to produce poetry of increasing quality. Students will learn the basic elements of poetry, important types of poems, and fundamental poetic techniques. Students will explore many different forms of poems from various time periods and begin to learn what it takes to create a poem. Students will be expected to write analytically about poetry in addition to writing their own.

## Elective Coursework

### ***Physical Education/Health/Driver's Education***

#### **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 Nutritional 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, or 315 minutes, on behind-the-wheel instruction, as well as the same amount of observation time.

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 a 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.

## ***The Arts***

### **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.

### **Greek Art History – 270040**

**1.0 Credit**

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

## ***Performing Arts/Music***

### **Introduction to Drama – 280050**

**1.0 Credit**

This is an introductory course that will be broken up into four quarters, allowing students to better choose a pathway as they finish their High School career. Quarter 1: Drama Theory – students will understand the history of theater/television/film as it pertains to drama. Quarter 2: Acting – students will begin exploring the different aspects of acting for theater/television/film through monologues, scenes and acting exercises. Quarter 3: Stage Crew – students will begin to take a look at the aspects of set construction, lighting designs and props/costumes. Quarter 4: Directing – students will begin to understand what it takes to be a director for theater/television/film.

### **Introduction to the Ancient Greek Theater – 280400**

**1.0 Credit**

This elective course will explore Greek drama from both a historical and a literary perspective. Students are given an overview of origins of the Ancient Greek theatre, and insight into elements of structure, staging and acting dynamics. There will be readings from works by several significant playwrights, across the genres of tragedies, comedies and satire plays. Coursework will include an examination into both the lasting influence the Ancient Greek Theatre has exerted upon Western drama, and the ways in which many of these plays remain vital through artistic re-interpretation on stage and screen through the ages, right up to the contemporary scene.

**Band I – 280110****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 co-curricular subject, which means that many required activities take place beyond the normal school day. These include concerts, parades and more. This a performance-oriented class, which means that the previously mentioned activities are a major part of a student's grade.

**Band II – 280120****1.0 Credit**

Prerequisite: Band I

This course is an extension of Band I. These students have successfully completed Band I and are interested in furthering their instrumental abilities.

**Chorus I/II/III – 280010/280020/280030****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 preparation is required. Performances include regularly scheduled school concerts, community appearances, assemblies, festivals, contests and may include a performance tour. This choral group will perform 2 mandatory concerts.

**Music Appreciation – 280129****1.0 Credit**

Music Appreciation is an introductory course that covers topics such as Music Theory, Music History, and Music Performance. The Music Theory portion is a basic introduction to studying and analyzing notated music. In the Music History portion, we will look at influential artists, songs, and the development of Classical, Jazz, Rock and Hip-Hop music, along with the terminology and concepts related to those genres. Students will also be introduced to either guitar or piano, and will apply knowledge of theory and history they learned to their chose instrument throughout the course.

**Music Theory – 280130****1.0 Credit**

Music Theory 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.

***Innovation*****Innovation & Open Source Learning – 400100****1.0 Credit**

Students work on projects of their own design, focusing on topics that interest them. Students are introduced to the concept of innovation and taught to think differently about what school could be like. Students learn to how to set SMART goals and they study protocols to use for planning, implementing and reflecting on their projects.