

**High School Course Catalog
Oregon Charter Academy
2021-2022**



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Language Arts

Key

H Honors version of course available.

P Prerequisite credit required for registration.

D Dual credit through community college available.

H* Honors option is also a dual credit option

Subject Area Course Flow

Students earning a standard diploma will complete 4.0 credits (four years) of Language Arts. Students take the following courses in order from ninth to twelfth grade: English 9, English 10, English 11 and English 12. Students may take Honors, Advanced Placement or Foundations courses as substitutes.

English 9^H A/B

Grades:	9
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

English 9 builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and emphasizes the four aspects of language use: reading, writing, speaking, and listening. The course introduces and defines various genres and themes of literature, with writing exercises often linked to reading exercises.

English 10^H A/B

Grades:	10
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

English 10 offers a balanced focus on composition and literature. Students may learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver their message.

English 11^{H*} A/B

Grades:	11
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

English 11 continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature by a diverse, representative set of voices, which may form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

English 12^{H*} A/B

Grades:	12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

English 12 blends composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

AP Language & Composition^D A/B

Grades:	11, 12
Credits:	1.0
Prerequisites:	ELA 10, A level work or counselor approval. Highly recommended but not required to take AP Literature before AP Language.
Offered:	Fall / Spring

Taken after AP Literature and following the College Board's suggested curriculum designed to parallel college-level English courses, AP Language and Composition exposes students to prose written in a variety of periods, disciplines, and rhetorical contexts. The course emphasizes the interaction of authorial purpose, intended audience, and the subject at hand, and through them, students learn to develop stylistic flexibility as they write compositions covering a variety of subjects that are intended for various purposes.

AP Literature & Composition^D A/B

Grades:	10, 11, 12
Credits:	1.0
Prerequisites:	ELA 10, A level work or counselor approval
Offered:	Fall / Spring

Taken before AP Language and following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Literature and Composition enables students to develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing).

English 9 Foundations A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

See Description for English 9. Foundations level English accomplishes the same goals but with extra emphasis placed on foundational literacy skills.

English 10 Foundations A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

See Description for English 10. Foundations level English accomplishes the same goals but with extra emphasis placed on foundational literacy skills.

English 11 Foundations A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

See Description for English 11. Foundations level English accomplishes the same goals but with extra emphasis placed on foundational literacy skills.

English 12 Foundations A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

See Description for English 12. Foundations level English accomplishes the same goals but with extra emphasis placed on foundational literacy skills.

Mathematics

Key

H Honors version of course available.

P Prerequisite credit required for registration.

D Dual credit through community college available.

H* Honors option is also a dual credit option

A* ASCEND Pathway course open for all students

Subject Area Course Flow

Students earning a standard diploma will complete at least 3.0 credits of Mathematics at or above Algebra 1. All students typically take Algebra 1 and Geometry, then choose separate math classes for fulfilling requirements or goals. Students may take Honors or Advanced Placement where available.

Algebra 1^H A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

Algebra 1A Parts 1 & 2

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

The first part in a multipart sequence of Algebra I. This course generally covers the same topics as the first semester of Algebra I, including the study of properties of rational numbers (i.e., number theory), ratio, proportion, and estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

Algebra 1B Parts 1 & 2

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Algebra 1A
Offered:	Fall / Spring

The second part in a multipart sequence of Algebra I. This course generally covers the same topics as the second semester of Algebra I, including the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first-degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratics.

Geometry^H A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Algebra I
Offered:	Fall / Spring

Geometry emphasizes an abstract, formal approach to the study of geometry. The course tends to focus on topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; rules or properties of triangles; and angle measurement in triangles.

Integrated Mathematical Applications A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Algebra I, Geometry
Offered:	Fall / Spring

Integrated Mathematical Applications is intended for students beyond Algebra I and Geometry but not wishing to study Algebra II. This course emphasizes proficiency in skills and applications of skills. The skills tend to include: number operations, algebra, geometry, statistics, and probability. The applications tend to focus on realistic, applicable problems in our world.

Algebra 2^H A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Algebra I, Geometry
Offered:	Fall / Spring

Algebra II course topics may include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher-degree equations; and operations with rational and irrational exponents.

Algebra 2A Parts 1 & 2

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Algebra I, Geometry
Offered:	Fall / Spring

The first part in a multipart sequence of Algebra II. This course generally covers the same topics as the first semester of Algebra II.

Algebra 2B Parts 1 & 2

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Algebra 2A
Offered:	Fall / Spring

The second part in a multipart sequence of Algebra II. This course generally covers the same topics as the second semester of Algebra II.

Precalculus^P A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Algebra 2
Offered:	Fall / Spring

Precalculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Mathematical Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

Statistics^P A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Algebra 2
Offered:	Fall / Spring

This course introduces the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course topics may also include normal distribution and measures of variability.

AP Calculus^{DP} AB

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Precalculus, A level work and/or counselor/instructor approval
Offered:	Fall / Spring

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: functions, graphs, limits, and continuity; differential calculus (including definition, application, and computation of the derivative; derivative at a point; derivative as a function; and second derivatives); and integral calculus (including definite integrals and antidifferentiation).

AP Statistics^{DP} A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Precalculus, A level work and/or counselor/instructor approval
Offered:	Fall / Spring

Following the College Board's suggested curriculum designed to parallel college-level statistics courses, AP Statistics courses introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

Science

Key

H Honors version of course available.

P Prerequisite credit required for registration.

D Dual credit through community college available.

H* Honors option is also a dual credit option

L Fulfills lab science requirement

Subject Area Course Flow

Students earning a standard diploma will complete at least 3.0 credits of Science, at least 2.0 of which are Lab (L) Science. All students typically take Physics 1 (Physical Science prior to 2021-22), Chemistry, and Biology and may take additional science electives. Students may take Honors or Advanced Placement where available.

Physics I (Physical Science)^{LH} A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Pre-algebra (MS)
Offered:	Fall / Spring

This course involves study of the structures and states of matter. It includes such topics as: forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

Environmental Science^L A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Pre-algebra (MS)
Offered:	Fall / Spring

Environmental Science examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, topics covered may be: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

Biology^{LH} A/B

Grades:	10, 11, 12
Credits:	1.0
Prerequisites:	Pre-algebra (MS)
Offered:	Fall / Spring

Biology is designed to provide information regarding the fundamental concepts of life and life processes. Topics include (but are not restricted to): cell structure and function, general plant and animal physiology, evolution, genetics, and taxonomy.

Chemistry^{LHP} A/B

Grades:	10, 11, 12
Credits:	1.0
Prerequisites:	Passed or taking concurrently Algebra 2
Offered:	Fall / Spring

Chemistry involves studying the composition, properties, and reactions of substances. This includes such concepts as: the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

Physics II (Upper level Physics)^{LP} A/B

Grades:	10, 11, 12
Credits:	1.0
Prerequisites:	Passed or taking concurrently Algebra 2
Offered:	Fall / Spring

Physics involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

Anatomy & Physiology^{DPL} A/B

Grades:	10, 11, 12
Credits:	1.0 (Lab); 1.0 (NCAA non-lab only)
Prerequisites:	1.0 credit of Lab Science (9th grade Physical Science or Biology)
Offered:	Fall / Spring

Taken after a year of science--and likely Biology--Anatomy and Physiology introduces students to basic anatomy and physiology of animals with an emphasis on humans. Focus is placed on tissues, organs, organ systems and how they function together to maintain human health and homeostasis. Systems covered in A may include: Integumentary, Circulatory, Respiratory, Digestive and Excretory. Systems covered in B may include: Endocrine, Nervous, Skeletal, Muscular, Immune and Reproductive.

Astronomy^L

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

Astronomy offers students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. Topics may include: introduction and use of astronomical instruments and typically exploration of theories regarding the origin and evolution of the universe, space, and time.

Marine Science

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This course focuses on the content, features, and possibilities of the earth's oceans. It explores marine organisms, conditions, and ecology and sometimes covers marine mining, farming, and exploration.

AP Environmental Science A/B^P

Grades:	11, 12
Credits:	1.0
Prerequisites:	Biology, A level work and/or counselor/instructor approval
Offered:	Fall / Spring

This is an Advanced Placement (AP) Environmental Science course designed to meet the learning objectives and science practices outlined by the College Board, which will prepare students for success on the AP Environmental Science exam. The course includes eight modules designed around the big ideas, enduring understandings, and learning objectives provided by the College Board. The course introduces students to the expectations of AP level work, the nature of science, lab work, safety guidelines, and some important information about the AP Environmental Science exam.

Social Studies

Key

H Honors version of course available.

P Prerequisite credit required for registration.

D Dual credit through community college available.

H* Honors option is also a dual credit option

Subject Area Course Flow

Students earning a standard diploma will complete at least 3.0 credits of Social Studies. All students typically take, in order: World Studies, an elective such as World History, U.S. History and American Government & Economics. Students may take Honors or Advanced Placement where available.

World Studies^H A/B

Grades:	9
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

This course equips students with an understanding of the constraints and possibilities that the physical environment places on human development throughout the world. The course may include discussion of the physical landscape through geomorphology and topography, the patterns and processes of climate and weather, and natural resources and how they impact the cultural and human development of the region.

World History^{H*} A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

This course provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. The course may include geographical studies, but often these components are not as thoroughly taught as in World Studies.

U.S. History^{H*} A/B

Grades:	11
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

This course provides students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. The course typically includes a historical overview of political, military, scientific, and social developments. Course content may also include a history of the North American peoples before European settlement.

American Government & Economics^H A/B

Grades:	12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

This course combines a study of the structure of national, state, and local U.S. government with an overview of the principles of market economics. Course content may include contemporary U.S. issues. This course prepares students to perform effectively as informed citizens.

Personal & Family Finance A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Pre-algebra
Offered:	Fall / Spring

This course provides students with an understanding of the concepts and principles involved in managing one's personal finances. Emphasis may be on: lifespan goal-setting, individual and family decision making, and consumer rights as well as topics that are commonly associated with personal finance so that one can become a financially responsible consumer. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. The course may also investigate the effects of the global economy on consumers and the family.

Psychology A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

This course introduces students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

Sociology: Introduction to Sociology

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This course introduces students to the study of human behavior in society. It provides an overview of sociology, generally including (but not limited to) topics such as: social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

AP U.S. History^D A/B

Grades:	11, 12
Credits:	1.0
Prerequisites:	Gov't and Econ, A level work and/or counselor/instructor approval.
Offered:	Fall / Spring

Following the College Board's suggested curriculum designed to parallel college-level U.S. History courses, AP U.S. History provides students with the analytical skills and factual knowledge necessary to address critical problems and materials in U.S. history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines the discovery and settlement of the New World through the recent past.

Career Education

Key

- H** Honors version of course available.
- P** Prerequisite credit required for registration.
- D** Dual credit through community college available.

Subject Area Course Flow

Students earning a standard diploma will complete 1.0 credit. All students will complete the Senior Project and Job Shadow course in twelfth grade. All students will complete a level of Career Education (1, 2, 3 or 4) at their grade level, cumulatively adding to 0.5 credits.

Career Education 1, 2, 3 & 4

Grades:	9, 10, 11, 12
Credits:	0.5 (.125 cr/yr)
Prerequisites:	None
Offered:	Fall / Spring

This course helps students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. Taken over the course of high school, the course exposes students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

Senior Project and Job Shadow

Grades:	12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This required course during senior year provides students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and site. These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Health and Physical Education

Key

- H** Honors version of course available.
- P** Prerequisite credit required for registration.
- D** Dual credit through community college available.

Subject Area Course Flow

Students earning a standard diploma will complete 1.0 credit of Physical Education and 1.0 credit of Health. These two courses are typically taken, in some order, during ninth and tenth grade.

Physical Education A/B

Grades:	9, 10
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

Physical Education provides students with knowledge, experience, and an opportunity to develop skills in various sports or activities with the aims to develop individual lifelong fitness habits: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Health, Fitness, and Nutrition A/B

Grades:	9, 10
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

This course combines the topics of Health Education (nutrition, stress management, substance abuse prevention, disease prevention, first aid, and so on) with an active fitness component (typically including aerobic activity and fitness circuits) with the intention of conveying the importance of life-long wellness habits.

The Arts, World Languages and CTE

Key

H Honors version of course available.

P Prerequisite credit required for registration.

D Dual credit through community college available.

H* Honors option is also a dual credit option

Subject Area Course Flow

Students earning a standard diploma will complete 3.0 credits in this category and may choose based on their interests, academic goals or postsecondary goals.

Art History

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

Art History introduces students to significant works of art, artists, and artistic movements that have shaped the world and influenced or reflected various periods of history. The course may emphasize the sequential evolution of art forms, techniques, symbols, and themes. Art History may also develop an understanding of art in relation to social, cultural, political, and historical events throughout the world, while covering multiple artists, aesthetic issues, and the evolution of art.

Art in World Cultures

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This course introduces students to the study of and foundation for many forms of art throughout the world and its cultures. The course helps students form an aesthetic framework to examine social, political, and historical events in the world and cultures and how visual images express the ideas of individuals and such cultures.

Digital Photography A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

This course explores the creative and conceptual aspects of designing and producing digital imagery, graphics, and photography. Students study the techniques, genres, and styles from multiple mediums and forms. Topics may include: aesthetic meaning, appreciation and analysis; composing, capturing, processing, and programming of imagery and graphical information; their transmission, distribution, and marketing; and contextual, cultural and historical aspects and considerations.

Graphic Design & Illustration A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

This course emphasizes applying fundamental processes of artistic expression through the exploration of the purposeful arrangement of images, symbols, and text to communicate a message. Studies may include investigations of how technology influences the creation of graphic and digital designs and study historical and contemporary visual communications design. Students learn the process of responding to their own art and that of others through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

History of Music

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

History of Music is an overview of music history. Topics include music from the Middle Ages, Renaissance, Baroque, Classical and Romantic periods. Also covered are music from the 20th and 21st centuries, American popular music, and world music. The stories of musical figures and their roles as composers, performers and innovators will be discussed with an emphasis on the effects of society, culture and technology on music.

Journalism

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This course emphasizes writing style and technique as well as production values and organization. It introduces students to the concepts of newsworthiness and press responsibility; develops students' skills in writing and editing stories, headlines, and captions; and teaches students the principles of production design, layout, and printing. Photography, photojournalism, and digital technology skills may be included.

Music Appreciation

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This course provides students with an understanding of music and its importance in their lives. Course content focuses on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students may also have the ability for informal music performance and creation within the classroom.

Theater, Film, and Cinema Production

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This course provides an overview of the production of theater, film, and cinema artwork. It may include--but not be limited to--topics such as: an overview of theatrical or film elements including acting, set design, stage management, directing, playwrighting, and production.

Spanish I A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

Designed to introduce students to Spanish language and culture, Spanish I prepares students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. It introduces the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

Spanish II A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Spanish I
Offered:	Fall / Spring

Spanish II builds upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II introduces the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

Spanish III A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Spanish II
Offered:	Fall / Spring

Spanish III prepares students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. It expands students' knowledge of relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

French I A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

Designed to introduce students to French language and culture, French I prepares students to communicate authentically in French by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. It introduces the relationships among the products, practices, and perspectives of French-speaking cultures.

French II A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	French I
Offered:	Fall / Spring

French II builds upon skills developed in French I, preparing students to communicate authentically in French by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics.

American Sign Language I A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

Designed to introduce students to American Sign Language language and culture, American Sign Language I prepares students to communicate authentically in American Sign Language by interpreting (reading/viewing), exchanging (signing and reading), and presenting (signing) information on a variety of topics. It introduces the relationship among the practices, perspectives, and cultures of deaf people and communities.

American Sign Language II A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	American Sign Language I
Offered:	Fall / Spring

American Sign Language II builds upon skills developed in American Sign Language I, preparing students to communicate authentically in American Sign Language by interpreting (reading/viewing), exchanging (signing and reading), and presenting (signing) information on concrete topics. It introduces the relationship among the practices, perspectives, and cultures of deaf people and communities.

General Electives

Key

- H** Honors version of course available.
- P** Prerequisite credit required for registration.
- D** Dual credit through community college available.

Subject Area Course Flow

Students earning a standard diploma will complete at least 5.0 credits in this category and may choose based on their interests, academic goals or postsecondary goals. Courses in other subject areas beyond the requirements (Language Arts, Mathematics, Science, Social Studies, Arts, World Languages and CTE) may be applied to this category.

AVID 9 A/B

Grades:	9
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the course offers activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.

AVID 10 A/B

Grades:	10
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the course offers activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.

AVID 11 A/B

Grades:	11
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the course offers activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.

AVID 12 A/B

Grades:	12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the course offers activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.

21st Century Computer Skills

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This course provides students the knowledge and ability to use computers and technology efficiently in the 21st century. This may include: exposure to word-processing, spreadsheet, and presentation applications, and also may include the various uses of computers in modern society.

Criminology: Inside the Criminal Mind

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This course trains students to understand and apply the principles and procedures essential to the overall U.S. criminal justice system. Course topics vary and may include, but are not limited to, structure, history and philosophy of the federal, state, county, and municipal court systems; judicial appointment processes; arrest-to-sentencing sequences; laboratory, forensic, and trial procedure; probation and parole; state and federal correctional facilities; and system interrelationships with law enforcement agencies.

Forensic Science

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

Forensic Science provides an overview of the theoretical understanding and practical application of forensic science techniques. The course may explore the applied science and the fields of biology, chemistry, physics, and crime science investigation. Topics covered may include: genetics, anthropology, toxicology, entomology, ballistics, pathology, computer forensics, fire debris and trace evidence among other relevant, topical topics.

High School Success

Grades:	9
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

Taken during ninth grade, this course builds student skills for success in high school and/or for postsecondary education. Course topics may vary according to the students involved, but typically include reading improvement skills, such as scanning, note-taking, and outlining; library and research skills; listening and note-taking; vocabulary skills; and test-taking skills. The course may also include exercises designed to generate organized, logical thinking and writing.

Introduction to Criminal Justice

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This course trains students to understand and apply the principles and procedures essential to the overall U.S. criminal justice system. Topics may include, but are not limited to: structure, history and philosophy of the federal, state, county, and municipal court systems; judicial appointment processes; arrest-to-sentencing sequences; laboratory, forensic, and trial procedure; probation and parole; state and federal correctional facilities; and system interrelationships with law enforcement agencies.

Math Lab Algebra* A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

Typically taken concurrently with Algebra 1, Math Lab provides students with the opportunity and time to complete classroom assignments, school projects, and build up content-specific individual skills in mathematics. Student work may vary depending on individual needs, and students are supervised by their content teacher of record. This course may be applied for Math credit for a Modified Diploma only.

Math Lab Geometry* A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

Typically taken concurrently with Geometry, Math Lab provides students with the opportunity and time to complete classroom assignments, school projects, and build up content-specific individual skills in mathematics. Student work may vary depending on individual needs, and students are supervised by their content teacher of record. This course may be applied for Math credit for a Modified Diploma only.

Nutrition and Foods

Grades:	10, 11, 12
Credits:	0.5
Prerequisites:	Health, Fitness and Nutrition
Offered:	Fall / Spring

Nutrition and Foods assists students in understanding the role of nutrition in health and wellness. Demonstrations through Live Class and guided instruction are used throughout the course. Ultimately, students will be given the opportunity to have the necessary skills to understand the structure and function of all the essential nutrients, plan, purchase and prepare nourishing meals and to evaluate and improve their day-to-day food choices.

Social Media

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Spring

Social Media exposes students to various types of social media and how social media has influenced society. It may emphasize the forms, functions, regulations, implications, and utilization of social media.

Sociology: Your Social Life

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

This course examines a particular topic in sociology--the individual in society--rather than provide an overview of the field of sociology.

Study Skills and Strategies

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall / Spring

Study Skills prepares students for success during high school and/or for postsecondary education. Course topics may vary according to the students involved, but typically include: reading improvement skills; library and research skills; listening and note-taking; vocabulary skills; and test-taking skills. The courses may also include developing skills to generate organized, logical thinking and writing.

Workplace Experience A/B

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall / Spring

This course offers students to earn high school credit while simultaneously gaining work experience in an occupation of their choice. Please discuss this option with your counselor or advisor if interested.

Other

Key

- H** Honors version of course available.
- P** Prerequisite credit required for registration.
- D** Dual credit through community college available.

English as a Second Language, 9-12

Grades:	9, 10, 11, 12
Credits:	
Prerequisites:	None
Offered:	Fall / Spring

English as a Second Language (ESL) is designed for the acquisition and rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. It usually begins with extensive listening and speaking practice, building on auditory and oral skills, and then moves on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to “regular” English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

ACES Language Arts

Grades:	9, 10, 11, 12
Credits:	
Prerequisites:	None
Offered:	Fall / Spring

Alternative Certificate courses provide students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. These courses often emphasize process skills, including goal-setting, decision making, and other topics such as the setting of priorities, money and time management, interpersonal relationships, and the development of the self. Additionally, specific topics such as wellness, selecting and furnishing houses, meeting transportation needs, nutrition, preparing food, selecting clothing and building a wardrobe, insurance, taxation, and consumer protection may also be covered.

ACES Mathematics

Grades:	9, 10, 11, 12
Credits:	
Prerequisites:	None
Offered:	Fall / Spring

Alternative Certificate courses provide students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. These courses often emphasize process skills, including goal-setting, decision making, and other topics such as the setting of priorities, money and time management, interpersonal relationships, and the development of the self. Additionally, specific topics such as wellness, selecting and furnishing houses, meeting transportation needs, nutrition, preparing food, selecting clothing and building a wardrobe, insurance, taxation, and consumer protection may also be covered.

ACES Skills for Success

Grades:	9, 10, 11, 12
Credits:	
Prerequisites:	None
Offered:	Fall / Spring

Alternative Certificate courses provide students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. These courses often emphasize process skills, including goal-setting, decision making, and other topics such as the setting of priorities, money and time management, interpersonal relationships, and the development of the self. Additionally, specific topics such as wellness, selecting and furnishing houses, meeting transportation needs, nutrition, preparing food, selecting clothing and building a wardrobe, insurance, taxation, and consumer protection may also be covered.

ASCEND Pathway Courses

Key

- H** Honors version of course available.
- P** Prerequisite credit required for registration.
- D** Dual credit through community college available.
- H*** Honors option is also a dual credit option
- L** Fulfills lab science requirement
- A^** ASCEND (CTE) Pathway students only
- A*** ASCEND Pathway course open for all students

Subject Area Course Flow

For detailed ASCEND Course Catalog and Pathway Descriptions please see our comprehensive [ASCEND Website](#).

Game Design 1 A/B^{A*}

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall - A / Spring - B

An introduction to game building and design, this course explores the creative and conceptual aspects of designing and producing interactive game experiences. Game design students will design over 15 small games and programs while learning about basic game design concepts, ethics and where video games sit in the cultural and artistic landscape of today.

Web Technologies

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Spring

This course explores the creative and conceptual aspects of designing and developing interactive, multimedia web sites that emphasize the principles of graphic design, interactivity, and usability. Students learn about a variety of visual, navigational, and structural approaches to navigation systems, visual hierarchy, basic animations, image preparation and file transferring protocols. Topics may include: conceptual development and structure, interactivity, and design aesthetics; appreciation and analysis development, construction, and programming of virtual, multimedia, and interactive experiences; their applications in a contextual, cultural, and historical aspects and considerations.

Computer Science A/B^{PA*}

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Algebra I or Instructor Approval
Offered:	Fall - A / Spring - B

In Part A, students will have an introduction to programming. They will explore the role technology plays in our lives as well as study the fundamentals of computer science, review hardware and software, and learn how the internet functions. In Part B, students will cultivate understanding of programming languages and expand on knowledge of website development. Learn the difference between web development and web application development as well as further explore Advanced Python. Students will also examine software engineering concepts, learn more about security, privacy, and ethics in technology, and explore the wide variety of careers in computing.

Computer Science Work-Based Learning^{PA^}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Spring

Internships class structured around CS CTE Pathway.

Cyber Security A/B^{PA*}

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Computer Science B
Offered:	Fall - A / Spring - B

Students will learn about the various parts of a computer, how they work together, and how one can manipulate them to keep data safe. Students will also dive into the tools, technologies, and methods that will help protect users from an attack and discover the many opportunities in the rapidly growing field of cybersecurity. In Part B, students will learn about the cybersecurity threats around us by understanding hackers and identifying weaknesses in online behavior. Learn to avoid the various types of cyberattacks, including those to your social media accounts, and to predict the potential legal consequences of sharing or accessing information that you do not have rights to. Dig into these crimes in depth by taking a look at cyber forensics and other cybersecurity careers. In a world where such threats have no boundaries, cybersecurity will undoubtedly play an increasingly larger role in our personal and professional lives in the years to come.

IT Fundamentals^{PA^}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	Computer Science B
Offered:	Spring

IT Fundamentals establish the knowledge and skills required to identify and explain the basics of computing, IT infrastructure, software development, and database use. The class also covers foundational IT concepts including identifying and explaining computer components, installing software, establishing network connectivity and preventing security risks.

Python Programming A/B^{PA*}

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Computer Science B
Offered:	Fall - A / Spring - B

An application programming class enhancing basic computer programming skills, design, planning, and implementation learning the python programming language. Students will be able to work on collaborative projects and labs that create the relationship between hardware and python programming.

Digital Literacy^{A*}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall

Students will focus on learning how to be effective in the digital environment utilizing Google and Canvas tools. Understanding the roles of digital citizenship and responsibility and proper utilization of electronic tools for organization and time management are discussed in this course. Notes: this fulfills CTE credit for students in the ASCEND-Business & Management pathway. It is open to all ORCA students.

Business Communication^{PA*}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	Digital Literacy
Offered:	Spring

Students will learn to use effective skills to prepare for a business career. Topics include written, verbal and social communication, specific issues within business & career focused communication and personal finance. This fulfills CTE credit for students in the ASCEND-Business & Management pathway. It is open to all ORCA students.

Public Speaking A/B^{DPA*}

Grades:	11, 12
Credits:	1.0
Prerequisites:	Business Communication
Offered:	Fall - A / Spring - B

The course blends written, oral and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in speaking and presentation skills. Within this context students who take this course will develop and expand their ability to write, read, edit, speak and listen. This fulfills CTE credit for students in the ASCEND-Business & Management pathway.

Principles of Marketing^{A*}

Grades:	10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall

This class is designed to give you a foundational understanding of the principles of marketing and an introduction to social media marketing via a real life social media simulation. Class content will help prepare you for further studies in the field of marketing. Use the digital text-book and other materials to become more familiar with what marketing is, how marketing influences business decisions and consumer actions, and how to use principles of marketing to present yourself as you build a professional profile. This fulfills CTE credit for students in the ASCEND-Business & Management pathway. It is open to all ORCA students. There is a social media component within this course and students will be asked to access social media because social media is a substantial piece of marketing in the 21st century.

Principles of Business, Marketing and Finance^{A*}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall

You will expand your knowledge of the basics to explore advanced topics, such as marketing strategy, banking and investments. Finally, examine employability skills and careers in business, finance and marketing as well as various entrepreneurship opportunities.

Business & Management OES (Oregon Employability Skills)^{PA^}

Grades:	12
Credits:	0.5
Prerequisites:	Instructor Approval
Offered:	Fall

This is the final course in the CTE pathway program. Students will apply their business knowledge into a work based learning experience. Students should reference the Work-Based Learning Handbook for the course requirements.

Business & Management Work-Based

Learning^{PA^}

Grades:	11, 12
Credits:	0.5
Prerequisites:	Instructor Approval
Offered:	Fall

This course is the final step in the ASCEND Business pathway series leading to credit in Work Based Learning and Certification. Students will focus on earning industry recognized certifications in areas such as Work Readiness and Professional Communications. Industry exposure, professional branding and internship preparation will also be covered in this course.

Sports Management^{A*}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall & Spring

This course provides students with a thorough understanding of fundamental marketing and management concepts and theories as they relate to the sports or entertainment industries. Content may address some--but not limited to--topics such as: promotion of sports/events, licensing, sponsorship and endorsements, branding, marketing research, product development, pricing and distribution strategies, sales, event planning, and the role of existing and emerging technologies.

Integrated Business Math 1A/1B^{A^}

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None; fulfills Business Pathway requirement of Algebra 1.
Offered:	Fall - A / Spring - B

Studying the same concepts and standards as Algebra I, this course focuses on financial and business applications of mathematics within Algebra I. The course may also integrate in introductory concepts of Geometry.

Business Lab 1A/1B^{AA}

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	Must be taken concurrently with Integrated Business Math 1A/1B
Offered:	Fall - A / Spring - B

This is the required lab component of the Integrated Business Math course and must be taken concurrently. The lab will provide work-based learning simulations working in conjunction with Integrated Business Math course to fulfill CTE Business requirements and authentic application of the math curriculum.

Intro to Hospitality and Tourism^{A*}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Spring

You'll be introduced to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around leisure and travel, spotting trends, and planning events are just a few of the key aspects you will explore within this exciting field.

Child Safety and Nutrition^{A*}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall & Spring

This course examines the basic physical, psychological, and emotional needs of children from birth to 8 years of age. Topics include: recognizing child abuse and neglect, first aid, emergency response, basic nutrition, and creating healthy learning environments.

Family Relationships^{DA*}

Grades:	10, 11, 12
Credits:	0.5
Prerequisites:	Prenatal, Infant, Toddler Dev. or Preschool Child Dev.
Offered:	Fall

This course examines communication patterns and relationships between adults as well as children and adults. Topics include: understanding the role of the family unit, personality development, proactive communication techniques, and the impact of special issues on interpersonal relationships.

Intro to Education^{A*}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall & Spring

This course provides a foundational understanding of education as a profession. Topics include: current trends and issues, program types, popular educational theories and theorists, working with families, and state licensing regulations for both K-12 schools and early learning centers.

Preschool Child Development^{A*D}

Grades:	10, 11, 12
Credits:	0.5
Prerequisites:	Intro to Ed. or Child Safety & Nutrition
Offered:	Spring

This course explores typical and atypical development in children from 3 to 6 years of age. Topics include: physical, emotional, social, and intellectual development; cultural and environmental influences; application of knowledge to center and/or school environments, and current research.

Prenatal, Infant and Toddler

Development^{DPA*}

Grades:	10, 11, 12
Credits:	0.5
Prerequisites:	Intro to Ed or Child Safety & Nutrition
Offered:	Fall

This course explores typical and atypical development in children from the prenatal period to 2 years of age. Topics include: physical, emotional, social, and intellectual development; cultural and environmental influences; application of knowledge to center and/or home environments, and current research.

Teacher Cadets Work-Based Learning^{PA^}

Grades:	12
Credits:	0.5
Prerequisites:	None
Offered:	Spring - *can be taken in Fall for Winter Grads

This is the Work-based learning course for the Early Childhood Education pathway. This course is designed to provide students with an in-depth, practical look at the profession of teaching. Students will participate in several classroom observations and an extended work based learning experience that culminates in an opportunity to assist a classroom teacher with individual tutoring, group monitoring, and possibly whole class instruction.

Healthcare Career Exploration^{A*}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Spring

This exploratory class will introduce students to a variety of health care careers while providing an introduction to core health science content and terminology. We will explore four career pathways within this class: Health informatics, therapeutics, support services, and biotechnology.

Health Science Education I A/B^{A*}

Grades:	9, 10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall - A / Spring - B

This course will focus on skills of the profession (such as vitals and first aid) and medical math, communication, and employability skills.

Health Science Education II A/B^{PA^}

Grades:	11, 12
Credits:	1.0
Prerequisites:	Health Science Ed I
Offered:	Fall - A / Spring - B

In this course students will learn in detail about the role of nursing assistants. Be introduced to the basics of human development, anatomy and physiology, wellness, human disease, patient observations, and proper documentation.

Healthcare Certification Prep^{A^}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Spring

This class prepares students to sit for and pass the 150-question CCMA-NHA exam to become Certified Clinical Medical Assistants. Students will work to master material from past courses including Medical Terminology, Medical Law & Ethics, Health Science Education I, and Health Science Education II using NHA's online study material. Includes three practice exams.. A must if you plan to sit for the CCMA exam.

Medical Law and Ethics^{A*}

Grades:	11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Spring

Medical Law and Ethics begins by introducing students to the historical crimes that lead to the creation of formal bioethic codes, including The Nuremberg Code and The Belmont Report. Students will read these codes and learn how to apply the four principles of bioethics — beneficence, nonmaleficence, justice, and autonomy — to a variety of clinical case studies. We will also discuss legal and professional rights and responsibilities within healthcare settings. Other topics include tort law, HIPAA, Medicare, Medicaid, and the Affordable Care Act.

Medical Science Work-Based Learning^{A^}

Grades:	12
Credits:	0.5
Prerequisites:	None
Offered:	Fall

This class guides and supports Medical Science ASCEND Seniors through their Medical Science Internship or Capstone projects. This class is focused on real-life experiences and project-based learning. This class is highly individualized, with students' goals and expectations being cooperatively set by the student, teacher, and internship host(s).

Medical Terminology A/B^{A*}

Grades:	10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall - A / Spring - B

In part A, students will learn the meaning of medical terms by learning how to break down medical words into their prefixes, suffixes, and roots. This class is ordered by body systems, including the Skeletal System, Muscular System; Integumentary System; Blood, Lymphatic, and Immune Systems; Cardiovascular System; and Respiratory System. Students will learn about human diseases, diagnostic tools, and treatments as they relate to each body system covered this term. In part B, students will continue to learn the meaning of medical terms. Students will learn about human diseases, diagnostic tools, and treatments as they relate to each body system covered this term. Some body systems covered this term include Special Senses (Eyes and Ears), Endocrine System, Urinary System, and Reproductive Systems.

Animal Diseases and Parasites^{A*}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Spring

The Animal Diseases and Parasites course will provide an overview of the diagnosis, symptoms, treatments, and prevention of common animal diseases and parasites. Students will learn how physiological, nutritional and morphological defects, along with external variables, can affect animals and make them more susceptible to these diseases or parasites.

Introduction to Animal Careers^{A*}

Grades:	9, 10, 11, 12
Credits:	0.5
Prerequisites:	None
Offered:	Fall

The Introduction to Animal Careers course will provide an in-depth look at the various careers available in the animal field. Students will explore the career pathway and learn about the educational and work experience requirements and skills needed to be successful in these careers working with animals.

Veterinary Assisting A/B^{A*}

Grades:	10, 11, 12
Credits:	1.0
Prerequisites:	None
Offered:	Fall - A / Spring - B

The Vet Assisting series will help students develop skills necessary for employment in the Veterinary Medical industry. Students will learn about the career, the history of animals and society, animals in research and veterinary laws and ethics. Veterinary assistants are expected to complete basic office procedures, record keeping and client interaction. Students will gain knowledge necessary to work toward employment in a veterinary clinic, boarding or grooming facility.