



Course Catalog

2019-2020

English

ENG108: English 9
ENG208: English 10
ENG303: American Literature
ENG403: British & World Literature

English Electives

ENG030: Creative Writing (may also be used to satisfy 1 semester of English core credit)

Mathematics

MTH128: Algebra I
MTH107: Developmental Algebra
MTH207: Continuing Algebra
MTH208: Geometry
MTH308: Algebra II
MTH307: Practical Math
MTH403: Pre-Calculus/Trigonometry

Science

SCI113: Earth Science
SCI203: Biology
SCI303: Chemistry
SCI404: Physics (if there is enough interest)

Science Electives

OTH033: Veterinary Science (1st sem. only)
OTH030: Forensic Science (2nd semester only)

History & Social Studies

HST103: World History
HST303: U.S. History
HST403: U.S. Government (1st semester only)
HST413: U.S. & Global Economics (2nd semester only)

History & Social Studies Electives

HST213: Geography
HST020: Psychology (if there is enough interest)
HST060: Sociology (if there is enough interest)

Year-Long Electives

ART010: Fine Art A/B
CS Digital Journalism/Yearbook

World Languages

WLG100: Spanish I
WLG200: Spanish II
WLG300: Spanish III (if there is a need)

Other Required Courses

HS 101: 9th grade HS Success course
PRJ010: Service Learning (i.e. Senior Project) Single semester course
OTH010: Health
OTH080: Nutrition & Wellness
OTH020: PE (2 credits required)

Semester Long Electives

CAR017: Business and Marketing Explorations
BUS045: Entrepreneurship 1
BUS055: Entrepreneurship 2
BUS065: Marketing 1
BUS075: Marketing 2
BUS111: General Accounting 1
ENG030: Creative Writing
OTH020: PE (available multiple times)
OTH018: Fashion & Interior Design
OTH035: Early Childhood Education
OTH092: Health Sciences 1
OTH094: Health Sciences 2
OTH093: Intro. to Culinary Arts
TCH020: Computer Fundamentals
TCH031: Digital Photography

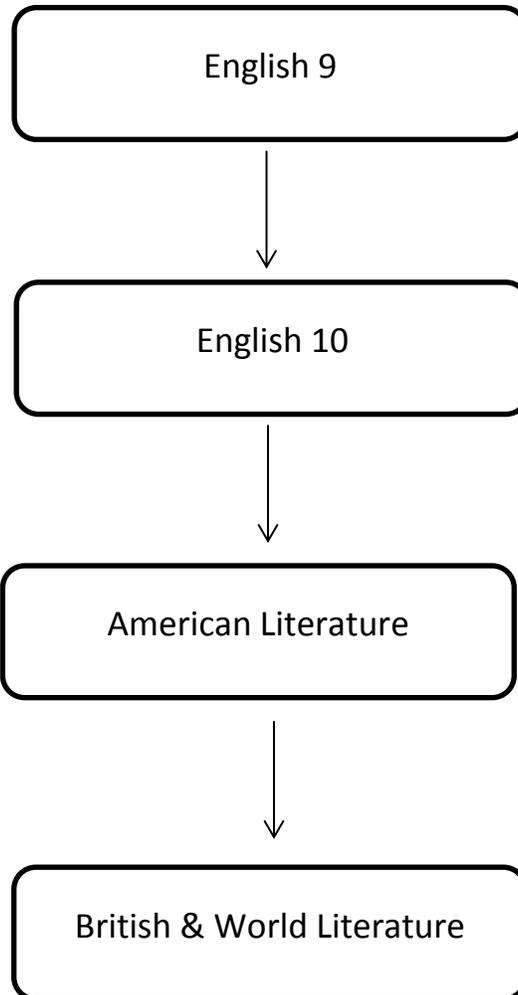
CS Work/Volunteer Experience Project

***ORVA offers some credit recovery options for certain core content classes. These courses are assigned as needed.**

ORVA High School

Language Arts Sequence

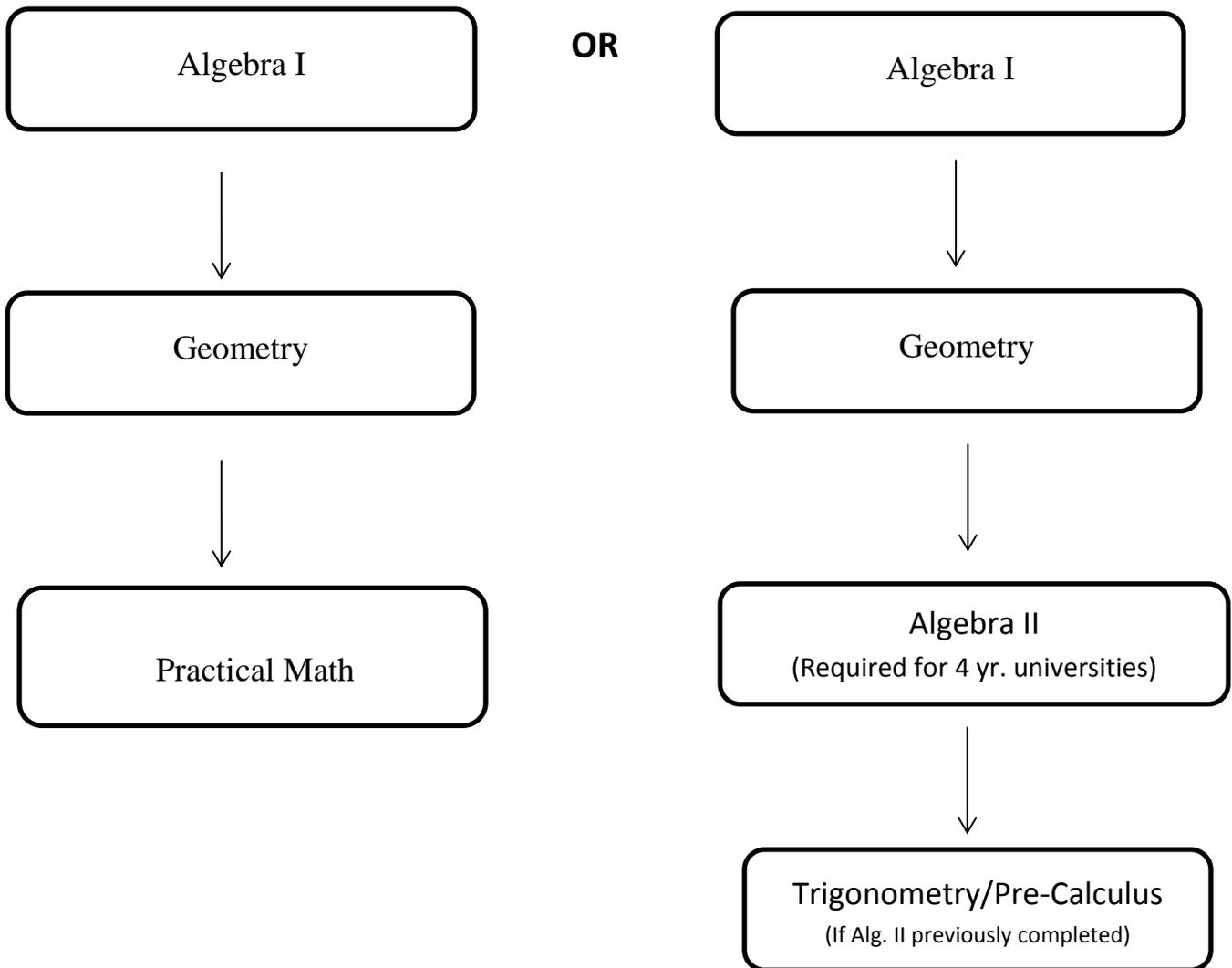
Graduation Requirement = 8 credits of English



ORVA High School

Math Sequence

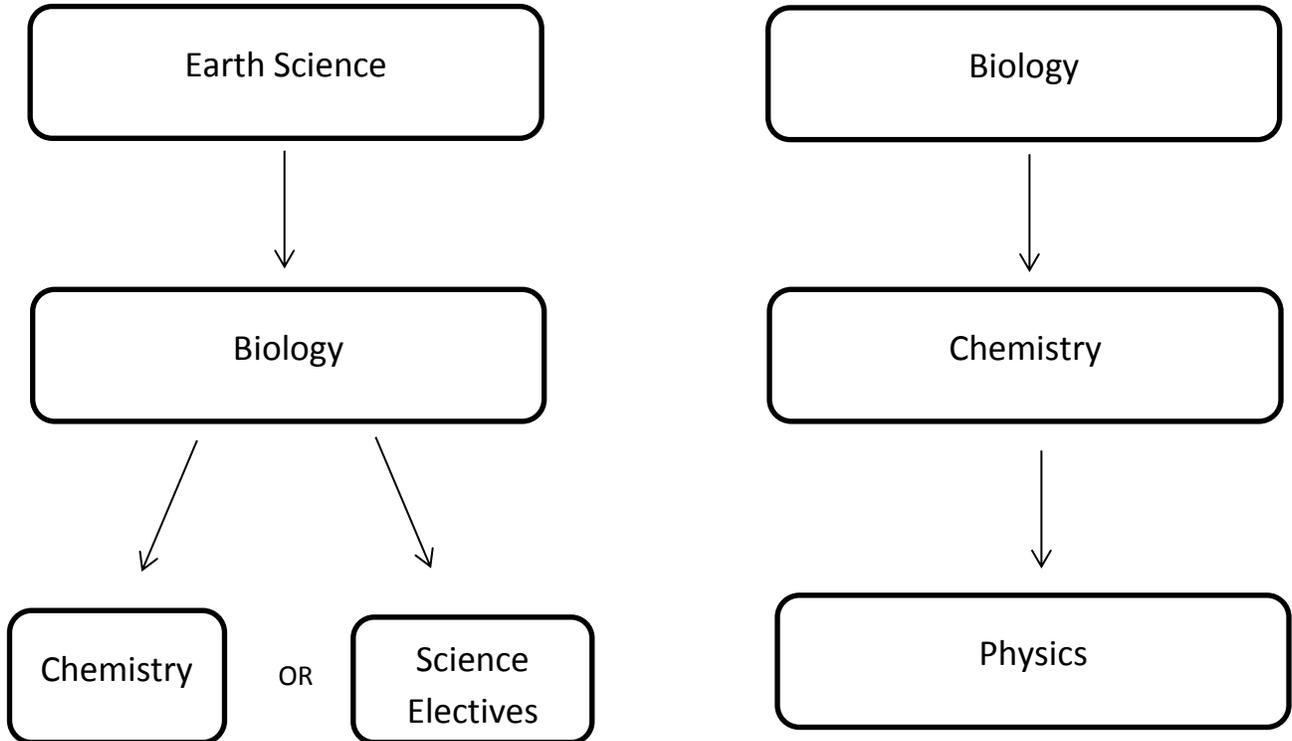
*Graduation Requirement = 6 credits (Alg. I as a minimum);
College bound= 6+credits*



ORVA High School

Science Sequence

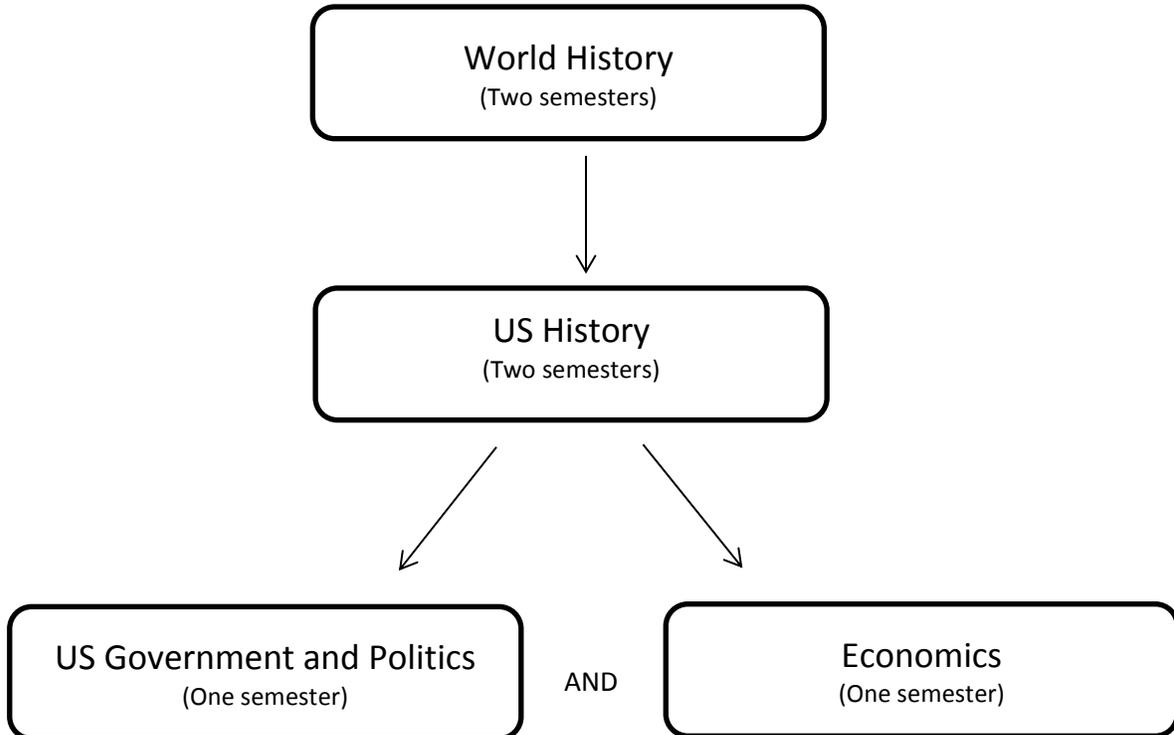
Graduation Requirement= 6 credits; College bound = 6+ credits



ORVA High School

Social Studies Sequence

Graduation Requirement= 6 credits; College bound = 6+ credits



Contents

English and Language Arts	4
ENG108: English 9	4
ENG208: English 10	4
ENG303: American Literature	4
ENG403: British and World Literature	5
Mathematics	5
MTH128: Algebra I	5
MTH208: Geometry	5
MTH307: Practical Math	5
MTH308: Algebra II	6
MTH403: Pre-Calculus and Trigonometry	6
Science	6
SCI113: Earth Science	6
SCI203: Biology	7
SCI204: Honors Biology	7
SCI303: Chemistry	7
SCI404: Physics	7
OTH032: Astronomy (Elective)	8
OTH033: Veterinary Science (Elective)	8
SCI010: Environmental Science (Elective)	8
SCI030: Forensic Science (Elective)	8
History and Social Studies	9
HST103: World History	9
HST213: Geography	9
HST303: U.S. History	9
HST403: U.S. Government and Politics	10
HST413: U.S. and Global Economics	10
HST020: Psychology (Elective)	10
HST060-DYN: Sociology I (Elective)	10
Other Required Courses	11
OTH020: Physical Education	11

OTH010: Skills for Health (Elective)	11
OTH080: Nutrition and Wellness	11
World Languages	12
WLG100: Spanish I	12
WLG200: Spanish II	12
WLG300: Spanish III	12
Technology.....	13
TCH020: Computer Fundamentals (Elective)	13
TCH031: Digital Photography (Elective).....	13
Career Readiness Education Electives	13
Career Readiness Education – Business Marketing.....	13
CAR016: Business and Marketing Explorations	13
BUS045: Entrepreneurship 1	14
BUS055: Entrepreneurship 2	14
BUS065: Marketing 1	14
BUS075: Marketing 2	14
Professional-Technical.....	15
OTH092: Health Sciences 1.....	15
OTH094: Health Sciences 2.....	15
OTH018: Fashion & Interior Design	15
OTH035: Early Childhood Education.....	15
OTH093: Introduction to Culinary Arts	16
Required Elective Courses	16
PRJ010: Service Learning (Senior Project)	16
Other Elective Courses.....	16
ART010: Fine Art (Elective)	16
OTH020: Physical Education (Elective)	17
CS: Work/Volunteer Experience Project.....	17
Credit Recovery Courses	18

English and Language Arts

ENG108: English 9

K12's English 9 course is an integrated course designed to align to state standards while engaging and motivating students. The course includes instruction about reading, writing, speaking and listening, and language with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 9. Throughout the course, students practice narrative, informative, and argument writing. Students also will develop and deliver presentations and participate in discussions with their peers. The English 9 course includes an online, searchable database of skills-based content that can be used for reference or to review all of the concepts taught in the course.

Course length: Two semesters

Materials: Anthology (name TBD); *The Way to Rainy Mountain* by N. Scott Momaday; *The Alchemist* by Paola Coelho; *A Midsummer Night's Dream* by William Shakespeare

Prerequisites: Middle school English/Language Arts

ENG208: English 10

K12's English 10 course is an integrated course designed to align to state standards while engaging and motivating students. English 10 continues the study of reading, writing, speaking and listening, and language begun in English 9. Students continue to interpret and analyze increasingly complex works of literature and nonfiction appropriate for Grade 10. Throughout the course, students build upon and use writing skills to develop increasingly sophisticated narrative, informative, and argument writing. Students also will develop and deliver presentations and participate in discussions with their peers. The English 10 course includes an online, searchable database of skills-based content that can be used for reference or to review all of the concepts taught in the course.

Course length: Two semesters

Materials: Anthology (name TBD); *Cry, the Beloved Country* by Alan Paton, *Night* by Elie Wiesel, *Macbeth* by William Shakespeare

Prerequisites: English 9

ENG303: American Literature

In this course, students read and analyze works of American literature from Colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests.

Course length: Two semesters

Materials: *Journeys in Literature: American Traditions, Volume C*; *The Great Gatsby* by F. Scott Fitzgerald; *The Glass Menagerie* by Tennessee Williams; students will also read one selection of their choice from the following: *The Old Man and the Sea* by Ernest Hemingway; *The House on Mango Street* by Sandra Cisneros; *A Lesson Before Dying* by Ernest Gaines; *The Red Badge of Courage* by Stephen Crane

Prerequisites: English 10

ENG403: British and World Literature

Students read selections from British and World literature in a loosely organized chronological framework. They analyze the themes, styles, and structures of these texts and make thematic connections among diverse authors, periods, and settings. Students complete guided and independent writing assignments that refine their analytical skills. They have opportunities for creative expression in projects of their choosing. Students also practice test-taking skills for standardized assessments in critical reading and writing.

Course length: Two semesters

Materials: *Explorations: An Anthology of British World Literature; Hamlet*

Prerequisites: ENG303: American Literature or 11th grade equivalent

Mathematics

MTH128: Algebra I

K12's Algebra I course is designed to align to state standards while engaging and motivating students. The fundamental purpose of this course is to extend the mathematics that students learned in the middle grades. In some ways, this is a more ambitious version of Algebra I than before. The critical areas of study are linear and exponential relationships, applying linear models to data, and analyzing, solving, and using quadratic functions.

Course length: Two semesters

Materials: Reference Guide

Prerequisites: Pre-Algebra, or equivalent

MTH208: Geometry

K12's Geometry course is designed to align to state standards while engaging and motivating students. The course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students' ability to explain geometric relationships, moving towards formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling.

Course length: Two semesters

Materials: Reference Guide

Prerequisites: Algebra I or equivalent

MTH307: Practical Math

In this course, students use math to solve real-world problems—and real-world problems to solidify their understanding of key mathematical topics. Data analysis, math modeling, and personal finance are key themes in this course. Specific topics of study include statistics, probability, graphs of statistical data, regression, finance, and budgeting. In addition, students learn how to use several mathematical models involving algebra and geometry to solve problems. Proficiency is measured through frequent online and offline assessments, as well as class participation. Units focused on projects also allow students to apply and extend their math skills in real-world cases.

Course length: Two semesters

Materials: *Practical Math: Reference Guide and Problem Sets* (online)

Prerequisites: Algebra 1 or equivalent and Geometry.

MTH308: Algebra II

K12's Algebra II course is designed to align to state standards while engaging and motivating students. Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, radical, and trigonometric functions. Students also expand their abilities to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The course covers sequences and series, probability distributions, and more advanced data analysis techniques.

Course length: Two semesters

Materials: Reference Guide

Prerequisites: Algebra I and Geometry

MTH403: Pre-Calculus and Trigonometry

Pre-calculus weaves together previous study of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. Topics include linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections in the first semester. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and Laws of Cosine and Sine; polar functions and notation; and arithmetic of complex numbers. Cross-curricular connections are made throughout the course to calculus, art, history, and a variety of other fields related to mathematics.

Course length: Two semesters

Materials: Texas Instruments T1-84 Plus graphing calculator

Prerequisites: A grade of C or better in Geometry and Algebra II

Science

SCI113: Earth Science

This course provides students with a solid earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of online lessons, an associated reference book, collaborative activities, virtual laboratories, and hands-on laboratories students can conduct at home. The course provides a base for further studies in geology, meteorology, oceanography, and astronomy, and gives practical experience in implementing scientific methods.

Course length: Two semesters

Materials: *Earth Science: A Reference Guide*; materials for laboratory experiments

Prerequisites: None

SCI203: Biology

In this course, students focus on the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of online lessons including extensive animations, an associated reference book, collaborative activities, virtual laboratories, and hands-on laboratory experiments students can conduct at home.

Course length: Two semesters

Materials: *Biology: A Reference Guide*; materials for laboratory experiments, including a compound microscope

Prerequisites: None

SCI204: Honors Biology

This course provides students with a challenging honors-level biology curriculum, focusing on the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of advanced online lessons including extensive animations, an associated reference book, collaborative explorations, and hands-on laboratory experiments students can conduct at home. Honors activities include debates, research papers, extended collaborative laboratories, and virtual laboratories.

Course length: Two semesters

Materials: *Biology: A Reference Guide*; materials for laboratory experiments, including a compound microscope

Prerequisites: Success in previous science course. Pre- or co-requisite of Algebra, or equivalent.

SCI303: Chemistry

This comprehensive course provides an in-depth survey of all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry. The course includes direct online instruction, laboratories, and related assessments.

Course length: Two semesters

Materials: *Chemistry: Problems and Solutions*; *Chemistry: A Laboratory Guide*; K¹² provided laboratory materials; common household materials for labs

Prerequisites: Biology, and solid grasp of Algebra basics with success in Algebra I.

SCI404: Physics

This course provides a comprehensive survey of all key areas: physical systems, measurement, kinematics, dynamics, momentum, energy, thermodynamics, waves, electricity, and magnetism, and introduces students to modern physics topics such as quantum theory and the atomic nucleus. The course gives students a solid basis to move on to more advanced courses later in their academic careers. The program consists of online instruction, laboratories, and related assessments, plus an associated problem-solving book. This is a lab based upper division science course that fulfills lab science credit for graduation.

Course length: Two semesters

Materials: *Physics: Problems and Solutions*; Materials for laboratory experiments

Prerequisites: Successful completion of Algebra 1 and Geometry required. Successful completion of Chemistry preferred.

OTH032: Astronomy (Elective)

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe. This course introduces students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students examine the life cycle of stars, the properties of planets, and the exploration of space.

Course length: One semester (alternating with Forensic Science every other year)

Materials: None

Prerequisites: Completed 2 years of lab science. Juniors and Seniors only.

OTH033: Veterinary Science (Elective)

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course examines some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases affect not only the animals around us, but at times, us humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues are studied and applied.

Course length: One semester

Materials: None

Prerequisites: Completed 2 years of lab science. Juniors and Seniors only.

SCI010: Environmental Science (Elective)

This course surveys key topic areas, including the application of scientific process to environmental analysis; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science. Topics also include the management of natural resources and analysis of private and governmental decisions involving the environment. Students explore actual case studies and conduct five hands-on, unit-long research activities, learning that political and private decisions about the environment and the use of resources require accurate application of scientific processes, including proper data collection and responsible conclusions.

Course length: One semester

Materials: None

Prerequisites: Completed 2 years of lab science. Juniors and Seniors only.

SCI030: Forensic Science (Elective)

This course will teach students the application of scientific process for forensic analysis. Procedures and principals of crime scene investigations, surveys of physical and trace evidence will also be explored. The law and courtroom procedures from the point of view of the forensic scientist, trace evidence, autopsies, and other aspects of crime investigation.

Course length: One semester (alternating with Astronomy every other year)

Materials: None

Prerequisites: Completed 2 years of lab science. Juniors and Seniors only.

History and Social Studies

HST103: World History

In this survey of world history from prehistoric to modern times, students focus on the key developments and events that have shaped civilization across time. The course is organized chronologically and, within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts and skills within the context of the historical narrative. Online lessons and assessments complement *World History: Our Human Story*, a textbook written and published by K12. Students analyze primary sources and maps, create timelines, and complete other projects— practicing historical thinking and writing skills as they explore the broad themes and big ideas of human history.

Course length: Two semesters (but only one semester is required for graduation)

Materials: None

HST213: Geography

This Geography course will examine a broad range of geographical perspectives covering all of the major regions of the world. Each region will be reviewed in a similar structure in order for students to more clearly see the similarities and differences between each region. Specifically, the course will explore where each region is located along with its physical characteristics, including absolute and relative location, climate, and significant geographical features. The exploration will then continue on to look at each region from a cultural, economic, and political perspective, closely examining the human impact on each region from these perspectives as well as how human activities impact the environments of the region.

Course length: One semester (offered first semester only)

Materials: None

HST303: U.S. History

This course is a full-year survey that provides students with a view of American history from the first migrations of nomadic people to North America to recent events. Readings are drawn from K¹²'s *The American Odyssey: A History of the United States*. Online lessons help students organize their study, explore topics, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research.

Course length: Two semesters

Materials: *The American Odyssey: A History of the United States*

Prerequisites: None

HST403: U.S. Government and Politics

This course studies the history, organization, and functions of the United States government. Beginning with the Declaration of Independence and continuing through to the present day, students explore the relationship between individual Americans and our governing bodies. Students take a close look at the political culture of our country and gain insight into the challenges faced by citizens, elected government officials, political activists, and others. Students also learn about the roles of political parties, interest groups, the media, and the Supreme Court, and discuss their own views on current political issues.

Course length: One semester

Materials: None

Prerequisites: HST302: U.S. History is recommended, but not required

HST413: U.S. and Global Economics

In this course on economic principles, students explore choices they face as producers, consumers, investors, and taxpayers. They apply what they learn to real-world simulation problems. Topics of study include markets from both a historic and contemporary perspective; supply and demand; theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; money: (what it is, how it evolved, the role of banks, investment houses, and the Federal Reserve); Keynesian economics; how capitalism functions, focusing on productivity, wages, investment, and growth; issues of capitalism, such as unemployment, inflation, and the national debt; and a survey of markets in such areas as China, Europe, and the Middle East.

Course length: One semester

Materials: None

Prerequisites: None

HST020: Psychology (Elective)

In this course, students investigate why human beings think and act the way they do. This is an introductory course that broadly covers several areas of psychology. Instructional material presents theories and current research for students to critically evaluate and understand. Each unit introduces terminology, theories, and research that are critical to the understanding of psychology and includes tutorials and interactive exercises. Students learn how to define and use key terms of psychology and how to apply psychological principles to their own lives. Unit topics in this one-semester course include methods of study, biological basis for behavior, learning and memory, development and individual differences, and psychological disorders.

Course length: One semester

Materials: None

Prerequisites: None

HST060-DYN: Sociology I (Elective)

Through this course, students explore human relationships in society. Instructional materials emphasize culture, social structure, the individual in society, institutions, and social inequality. Unit topics for the first semester include society and culture, what is sociology, the nature of culture, conformity and deviance, social structure, roles, relationships and groups, and social stratification. In the second semester, students learn about social institutions, the family, religion and education, government and economic systems, the individual

in society, the early years, adolescence, the adult years, continuity and change, communities and change, social movements and collective behavior, social problems, minorities and discrimination, poverty, crime, and problems of mass society. Students use a textbook for the course.

Course length: One semester

Materials: None

Prerequisites: None

Other Required Courses

OTH020: Physical Education

This course combines online instructional guidance with student participation in weekly cardiovascular, aerobic, muscle-toning, and other activities. Students fulfill course requirements by keeping weekly logs of their physical activity. The course promotes the value of lifetime physical activity and includes instruction in injury prevention, nutrition and diet, and stress management. Students may enroll in the course for either one or two semesters, and repeat for further semesters as needed to fulfill state requirements.

Course length: One or two (or more) semesters—offered every semester

Materials: None

Prerequisites: None

OTH010: Skills for Health (Elective)

This course focuses on important skills and knowledge in nutrition; physical activity; the dangers of substance use and abuse; injury prevention and safety; growth and development; and personal health, environmental conservation, and community health resources. The curriculum is designed around topics and situations that engage student discussion and motivate students to analyze internal and external influences on their health-related decisions. The course helps students build the skills they need to protect, enhance, and promote their own health and the health of others.

Course length: One semester (offered first semester)

Materials: None

Prerequisites: None

OTH080: Nutrition and Wellness

This one-semester course provides students with an overview of good nutrition principles that are necessary for physical and mental wellness and a long, healthy life. Instructional materials include discussions of digestion, basic nutrients, weight management, sports and fitness, and life-span nutrition. The Nutrition and Wellness course emphasizes an understanding of today's food and eating trends and gives students the capacity to intelligently evaluate all available sources of nutrition information and make informed decisions. Unit topics include a course introduction, wellness and food choices in today's world, digestion and major nutrients, and body size and weight management.

Course length: One semester (offered second semester)

Materials: None

Prerequisites: None

World Languages

WLG100: Spanish I

Students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Students are initially trained to recognize key sounds and basic vocabulary, not only in written form but also through ear training that leads quickly to oral production. Vocabulary and grammar topics are introduced in an ongoing adventure story that prompts students to use skills from all four language-learning areas. Students learn fundamental grammar as embedded in authentic spoken language. Cultural information covers major Spanish-speaking areas in Europe and the Americas. Engaging graphics, videos, and games keep students interested, and make learning languages exciting.

Course length: Two semesters

Materials: *Vox Everyday Spanish and English Dictionary*

Prerequisites: None

WLG200: Spanish II

In this continuing introduction to Spanish, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. A continuing storyline introduces and reinforces new vocabulary, while activities prompt students to analyze meaning from context, and then to reproduce new vocabulary in real-life oral expression. Additional verb tenses and idiomatic expressions are also introduced. As in Spanish I, students learn grammar through supplemental texts supplying traditional charts, tables, and explanations. Cultural information addresses Spanish as it is used around the globe. Engaging graphics, videos, and games keep students interested, and make learning languages exciting.

Course length: Two semesters

Materials: *Vox Everyday Spanish and English Dictionary*

Prerequisites: WLG100: Spanish I or equivalent

WLG300: Spanish III

Intermediate Spanish students who have a strong base of vocabulary, speaking, and listening skills reach a new level of mastery and fluency in this course. Through games and compelling stories, the course teaches advanced grammar and vocabulary and emphasizes correct accents and comprehension of real-world native speech. Error-recognition technology helps students eliminate common mistakes from their speaking and writing. Engaging graphics, videos, and games keep students interested, and make learning languages exciting.

Course length: Two semesters

Materials: *Vox Everyday Spanish and English Dictionary*

Prerequisites: WLG200: Spanish II or equivalent

Technology

TCH020: Computer Fundamentals (Elective)

In this introductory course, students will become familiar with the basic principles of a personal computer, including the internal hardware, the operating system, and software applications. Students will gain practice in using key applications such as word processors, spreadsheets, and presentation software, as well as understanding social and ethical issues around the Internet, information, and security. This is a two-semester course package. In the first semester, the focus is on the fundamentals, learning and using the applications, and understanding the basic roles and responsibilities of the software, hardware, and operating system. In the second semester, the focus is on gathering and analyzing data and on using the right tools and methods to collect and present data.

Course Length: One semester

Prerequisites: None

TCH031: Digital Photography (Elective)

Students will learn the basics of photographic composition and lighting, and develop an understanding of using a digital camera and the basics of preparing a digital darkroom. Students will also learn basic color theory and the fundamentals of image processing. Software skills are taught through practical, hands-on activities that get students involved in the learning process and help them retain the content. By the conclusion of this course, students are capable of producing their own unique and highly personalized images. This course is designed for the student who has no background in photography. Course may only be taken one semester for credit.

Course Length: One semester

Materials: Student must provide a digital camera or other image capture device with the ability to upload images to a computer.

Prerequisites: None

Career Readiness Education Electives

Career Readiness Education – Business Marketing

The courses in this sequence will give students a strong background in business marketing that can be applied to various industries. As we build out the pathway students will have the opportunity to gain industry skills and experience that can help prepare them for both college and careers after high school.

CAR017: Business and Marketing Explorations

This course is designed as an exploration of the business career pathways. Students will get an introduction to business careers so that they can better assess which pathway to pursue. In this course students explore basic concepts in the broad areas of business and marketing, as well as career options in each area. Students study the concepts of marketing, financial management, and human resource management, in addition to other common business related functions. Students complete projects to develop a deeper understanding of the roles these business functions play.

Course length: One semester

Materials: None

Prerequisites: None

BUS045: Entrepreneurship 1

In this introductory business course, students learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. They learn how to develop new business ideas, attract investors, market their business, and manage expenses.

Course length: One semester

Materials: None

Prerequisites: Successful completion of CAR016 preferred.

BUS055: Entrepreneurship 2

Students build on the business concepts they learned in Entrepreneurship I. Students continue to explore the different functions of business, while refining their technology and communication skills in speaking, writing, networking, negotiating, and listening. The purpose of this course is to prepare students to launch a small business venture.

Course length: One semester

Materials: None

Prerequisites: Successful completion of Entrepreneurship 1

BUS065: Marketing 1

Students find out what it takes to market a product or service in today's fast-paced business environment. They learn the fundamentals of marketing using real-world business examples. They learn about buyer behavior, marketing research principles, demand analysis, distribution, financing, pricing, and product management.

Course length: One semester

Materials: None

Prerequisites: Successful completion of CAR016 Business Marketing Explorations preferred

BUS075: Marketing 2

Students build on the skills and concepts learned in Marketing 1 to develop a basic understanding of marketing principles and techniques. The course encourages students to think like an entrepreneur and begin preparing for a career in business and marketing. By the end of the course, students will understand what it takes to start a small business venture.

Course length: One semester

Materials: None

Prerequisites: Successful completion of BUS065 Marketing 1

Professional-Technical

OTH092: Health Sciences 1

In this course students explore basic concepts in the broad areas of healthcare, as well as career options in each area. Will we ever find a cure for cancer? What treatments are best for conditions like diabetes and asthma? How are illnesses like meningitis, tuberculosis, and measles identified and diagnosed? Health sciences provide the answers to questions such as these. This course introduces students to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. Students explore the importance of diagnostics and research in the identification and treatment of diseases.

Course length: One semester (offered first semester)

Materials: None

Prerequisites: None

OTH094: Health Sciences 2

This is a continuation of the Healthcare studies that started in OTH092.

Course length: One semester (offered second semester)

Materials: None

Prerequisites: Successful completion of OTH092 Health Sciences 1

OTH018: Fashion & Interior Design

From the clothes we wear to the homes we live in, fashion and design is all around us. In this course, students who have a flair for fashion or who constantly redecorate their room find out what it is like to work in the design industry by exploring career possibilities and the background needed to pursue them. Students try their hand at designing as they learn the basics of color and design, then test their skills through hands-on projects. In addition, they develop the essential communication skills that build success in any business. By the end of the course, students are well on their way to developing the portfolio needed to get started in this exciting field.

Course length: One semester (offered second semester)

Materials: None

Prerequisites: Juniors and Seniors only.

OTH035: Early Childhood Education

Children experience enormous changes in the first few years of their lives. They learn to walk, talk, run, jump, read and write, among other milestones. Caregivers can help infants, toddlers, and children grow and develop in positive ways. This course is for students who want to influence the most important years of human development. In the course, students learn how to create fun and educational environments for children; how to keep the environment safe for children; and how to encourage the health and well-being of infants, toddlers, and school-aged children.

Course length: One semester (offered first semester)

Materials: None

Prerequisites: None

OTH093: Introduction to Culinary Arts

Food is fundamental to life. Not only does it feed our bodies, but it's often the centerpiece for family gatherings and social functions. In this course, students learn all about food, including food culture, food history, food safety, and current food trends. They also learn about the food service industry and prepare some culinary dishes. Through hands-on activities and in-depth study of the culinary arts field, this course helps students hone their cooking skills and gives them the opportunity to explore careers in the food industry. Course may only be taken one semester for credit.

Course length: One semester (offered both semesters)

Materials: Students will be assigned cooking labs at home. K12 does not supply the ingredients for labs, so you will need to provide the ingredients. Students will need access to a digital camera and/or cell phone do photo documentation of their cooking labs.

Prerequisites: None

Required Elective Courses

PRJ010: Service Learning (Senior Project)

A senior project is a comprehensive assignment designed to be a culmination of each student's academic experiences from his/her high school career. The senior project will include volunteer and/or work experience hours, a paper, an oral presentation, in addition to visual aids. The senior project is an Oregon graduation requirement. Students must complete and pass this course in order to graduate. Students may not take this course prior to their last year of High School.

Course length: Single semester, offered both semesters (taken 1st semester for returning Seniors & 2nd semester for new Seniors)

Materials: None

Prerequisites: Senior standing (or early grad.) Taken Fall of the final year of high school.

Other Elective Courses

ART010: Fine Art (Elective)

This course combines art history, appreciation, and analysis, while engaging students in hands-on creative projects. Lessons introduce major periods and movements in art history while focusing on masterworks and the intellectual, technical, and creative processes behind those works. Studio lessons provide opportunities for drawing, painting, sculpting, and other creative endeavors.

Course length: Two semesters

Materials: One package of white clay; one set of acrylic paint; one set of round paintbrushes. It is required that students have some means of capturing an image of their studio art projects with a digital camera, webcam, or other imaging device.

Prerequisites: None

ENG030: Creative Writing

Students create original essays, poems, and short stories in this course, which uses two textbooks and focuses on the four-step process writing model. They read professionally written forms of creative writing as models and then integrate their impressions of these works with their personal life experiences as they compose their own writing projects. Students are encouraged to write about topics they find engaging as they practice writing on the following themes: narration, definition, process analysis, cause and effect, and comparison/contrast. After students turn in each assignment, the teacher supplies detailed suggestions for revision. This feedback helps students learn how to improve their self-expression and self-editing skills.

Course length: Two semester – do not need to be taken consecutively

Materials: None

Prerequisites: Successful completion of English 9.

CS: Digital Journalism/Yearbook

This is a year-long course where students maintain and contribute to our school blog, the Monarch Writers, and create the high school yearbook. Students work together to create the Yearbook theme, organize the sections, and create the details of the Yearbook after receiving the pictures. The process will be a progressive build throughout the year. Students wanting to participate should plan on registering for both semesters, they will earn two elective credits, one for each semester.

Course length: Two semesters

Materials: None

Prerequisites: None

OTH020: Physical Education (Elective)

This course combines online instructional guidance with student participation in weekly cardiovascular, aerobic, muscle-toning, and other activities. Students fulfill course requirements by keeping weekly logs of their physical activity. The course promotes the value of lifetime physical activity and includes instruction in injury prevention, nutrition and diet, and stress management. Students may enroll in the course for either one or two semesters, and repeat for further semesters as needed to fulfill state requirements.

Course length: One or two (or more) semesters—offered every semester

Materials: None

Prerequisites: None

CS: Work/Volunteer Experience Project

ORVA realizes students and families lead busy lives that may not traditionally fit other school environments. Because of this, ORVA offers credit opportunities for students who are working or volunteering, and have a passion they want to grow and develop. The project is offered for one credit per semester. May be taken twice each year. Summer by special arrangement.

Students interested in this course need to contact their Advisor/Counselor for more information.

Credit Recovery Courses

Credit recovery courses are also available for certain core content courses. Students are only eligible to take credit recovery courses for courses in which they previously took and failed the regular version of the class. If you think you are eligible for, and would like to take a credit recovery course, please speak to your Counselor or Advisor.