



# Clonlara School Online Program

Teacher Supported Online Curriculum

2018-19 Course Catalog



# Welcome to Clonlara School's Online Program

Welcome to Clonlara School's online education program for high school students! Clonlara School was founded in 1967 by Pat Montgomery to support students who were looking for an alternative approach to learning. Clonlara School is fully accredited, with a Campus Program in Ann Arbor, MI, a worldwide Off-Campus Program, and an online curriculum program called Clonlara School Online Program.

Clonlara School recognizes that students learn in many different ways. We celebrate and fully support every student's unique learning styles, talents, and strengths. Clonlara School Online Program students will have an individualized curriculum, opportunities to create their own learning, and work whenever and wherever it fits their schedule.

The program is designed to be accessed 24/7. You work at your own pace and according to the time you have available. There are no deadlines or any requirements to log in at certain times of the day. Clonlara School Online Program is completely flexible and can fit around the busy schedules that many athletes, musicians, and dancers have.

Students will have up to a whole calendar year to complete a course from the time they first log into their course. Each course is teacher supported by experienced online teachers. You will work alongside your teachers and they will give you ongoing feedback and help as needed. Your online teacher will grade your coursework.

Each Clonlara School Online Program student is assigned a Clonlara Educational Advisor who will help throughout the entire time of enrollment. The Advisor will help you plan and select courses, identify your short term and long term goals, design your own learning, suggest resources for self-designed courses and help with post high school planning, including college or career planning. Your teacher and Clonlara Advisor will be available to you during your enrollment and will respond to you within 24 hours after contact.

Fulltime enrollment gives each student the ability to earn up to five online credits and at least one self-designed credit with the aid of an Advisor. Each student will complete at least 1 self-designed course per school year to further explore their own talents and interests. Students who fulfill the Clonlara School graduation requirements will be granted an accredited high school diploma.

Our graduates are joined together by a deep appreciation for lifelong learning, and the confidence that comes from knowing that they participated purposely and eagerly in their own educations.

Diploma seeking students will need to fulfill some non-academic graduation requirements, such as participation in Volunteer Community Service, in addition to the coursework described in this catalog.

### General Clonlara School Graduation Requirements

Prospective graduates must earn a minimum of 5.5 credits from Clonlara School to be eligible for graduation. A student may use Clonlara School Online Program courses to fulfill Clonlara School academic graduation requirements.

### Minimum Academic Requirements - 22 credits

Subject Area	Required Courses	Number of Credits Required
English	English	4.0
	Speech	0.5
Social Studies	American History	1.0
	American Government	0.5
	Geography	0.5
Mathematics		2.0
Science		3.0
Physical Fitness		1.5
Electives		9.0
<b>Total Academic Credits</b>		<b>22.0</b>

### Please Note:

Most students earn between 5-6 credits per school year. Students looking to accelerate their learning may earn up to 9 credits per school year. Electives may be in a variety of areas - imagination and resources are the only limitations!

### Non-Academic Requirements:

- Submission of a Reading List—16 book reviews including fiction and non-fiction
- Community Service\*
- Senior Survey

\*Note - requires 180 total hours or 45 hours per year of enrollment for transfer students; family service hours are limited to 36 total hours or 9 hours per year. Community service should take place with at least two different organizations.

## Additional Guidelines for Early Graduation

Students under 17 who wish to graduate must:

- Have been enrolled in Clonlara School as a secondary student for at least two years
- Submit a request for early graduation
- Submit their plans for post-graduation in writing to their advisor
- Receive prior approval from Clonlara School

## Questions?

If you are an enrolled student, please speak with your Clonlara Advisor for more detailed information on your progress toward graduation and specific requirements you have left to fulfill.

If you are a prospective student, please call us at (734) 769-4511 and ask to speak with an Enrollment Associate.

Part time enrollment gives a student the ability to enroll in the Off-Campus Program on a full time or part time basis, and then pay for individual courses to fit their interests and needs. Students can choose individual courses to add or replace courses they are undertaking toward a Clonlara diploma, or to earn high school credits that can be transferred to another private or a public school.

We hope you enjoy looking at the course offerings in this course catalog! We are very excited to be able to provide this program to students. We believe that the support of both a Clonlara Advisor and teachers knowledgeable in their subject area will ensure the success of our students.

We hope you will contact us anytime, to enroll, to ask questions, or to make suggestions! If you do not see a course you are looking for, please ask us about that. Courses are continuing to be developed for this program.

Enjoy!

*Clonlara School is welcoming: We do not discriminate on the basis of race, religion, color, gender, nationality or ethnic origin in administration of our educational and admissions policies*



# Clonlara School Online Program Overview

Teacher supported online curriculum for high school students

**The Clonlara School Online Program difference:**

- An individual academic advisor for each student
- A teacher for each course
- An accredited high school diploma
- Transferrable credits to other schools
- Self-paced, flexible learning

## Full Time Enrollment:

Students who enroll full time in the Clonlara School Online Program will be assigned an individual Advisor who will work with them throughout the school year to help identify learning styles, set educational goals, support and monitor their progress, and assist in the design of at least one course that will be of the student's own self-created work

Full time students will choose up to 5 credits from the Clonlara School Online Program Course Catalog, and be given a login for those online courses which will allow them to begin working through lessons. Each course will have a teacher who will review and grade work.

- ◆ Access to a Teacher for each individual course. Teacher support will include lesson review, reteaching, grading, teacher comments and answers to individual student questions.
- ◆ Full enrollment in the Clonlara School Off-Campus Program including educational guidance and support from a Clonlara Advisor. Students will create their own self-designed coursework with the guidance of their Clonlara Advisor.
- ◆ Students may create additional self-designed courses if they want to earn extra credits during their school year for no additional charge. (A maximum total of 9 credits can be earned annually from all programs combined).
- ◆ Students who want to add additional online teacher supported courses will pay an additional per course fee.  
(See tuition and fees schedule <http://www.clonlara.org/home/online-program-tuition>).

- ◆ A guidebook of information, including the history of Clonlara School and our philosophy; Off-Campus program overview; how students create plans, earn credits and progress toward earning a high school diploma; sample forms; graduation requirements; college planning support; and policies.
- ◆ Official private school records, documentation and transcript.
- ◆ Accredited diploma upon completion of Clonlara's graduation requirements.
- ◆ Access to the Clonlara Commons — our web portal — which contains online forms and enables high school students to view their transcripts.
- ◆ The Learning Edge — this e-newsletter and blog is the main source of all communication between Clonlara School, students and their families. It includes important information on deadlines, re-enrollment offers, and events taking place on our Campus. The newsletter includes useful home school tips and resources. In addition, we have a student submission corner where students can showcase their work (such as art, music, etc.) and any noteworthy accomplishments that they would like to share in upcoming newsletters. Watch for this newsletter in your mailbox on the last Thursday of every month.

### Part Time Enrollment:

Students who do not wish to enroll full time should contact an [enrollment associate](#) about options for part time students. It is possible to enroll for up to three credits as a One Semester student. Alternatively, students can enroll in our Short Term program, enrolling in the Off-Campus Program for up to two credits and take online courses by paying an individual course fee.

For more information contact us:

734-769-4511

[info@clonlara.org](mailto:info@clonlara.org)

<http://www.clonlara.org/home/contact-us>

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# LANGUAGE ARTS

## English Fundamentals

**2 semesters 1 credit**

English Writing Fundamentals provides students an introduction to sophisticated literary analysis, multiple modes of writing, and various literary genres. It also maintains a strong emphasis on vocabulary enrichment and grammar. Each lesson integrates basic terms, vocabulary words, reading passages and a writing assignment. The course is geared toward independent thinking, building from basic reading comprehension and grammar exercises in the beginning to comparative text analysis and grammatical self-correction by the end. The first semester focuses on comprehensive writing mechanics skills. It teaches language rules systematically and asks students to apply them as they learn. The course includes two review lessons and frequently draws from previous lessons to inform and enrich later ones.

## Honors English Fundamentals

**2 semesters 1 credit**

This course is a reading and writing-intensive version of our English Fundamentals course. Students read classic and contemporary literature, including excerpts from *The Odyssey*; *The Call of the Wild*; and the works of O'Henry, Mark Twain and William Shakespeare.

## American Literature

**2 semesters 1 credit**

Presented in anthology form, this course helps students develop the tools and perspectives necessary to read American literature with care, understanding and enjoyment. The course includes the historical development of American literature from the colonial period to the 20th century. It combines a carefully selected collection of short stories, essays, poems and plays with a comprehensive guide to writing essays and reports. Additional books, magazines, encyclopedias and other online reference materials may be required to fulfill written requirements.

## Honors American Literature

**2 semesters 1 credit**

This course is a reading and writing intensive version of our American Literature course. (See the American Literature description for detailed information.)

## World Literature

**2 semesters 1 credit**

Students read short stories, poetry, drama, biographies and essays about people and places in other countries. Themes help students bridge the gap between their own and other cultural and historical contexts. Expanded sections on contemporary, European, African and Asian literature enrich students' perspectives of today's global society. Stories from the past and present are presented with equal enthusiasm. Additional books, an encyclopedia and other online reference materials may be required to fulfill writing requirements.

## Honors World Literature

**2 semesters 1 credit**

In this reading and writing-intensive version of our World Literature course, students read works such as *Beowulf*, *The Epic of Gilgamesh*, *The Iliad* and other time-tested tales.

## Drama in Literature

**1 semester 0.5 credit**

In this course, students look at some of the great periods of creativity in theater and read influential dramas from major literary periods. In addition to reading plays students study elements of stagecraft and production during each major dramatic period and read author biographies.

## Drama in Literature Honors

**1 semester 0.5 credit**

This course is a reading and writing-intensive version of our Drama in Literature course. Students read dramatic works from various historical periods, including Classical Greece, the Renaissance, the Enlightenment, the Victorian Era and the 20th Century. For their final projects, students write and critique their own dramatic plays.

## Shakespeare in Literature

**1 semester 0.5 credit**

This 18-week course examines William Shakespeare's sonnets and his play, *Julius Caesar*. Students also examine the controversy of authorship. Did William Shakespeare really write the plays, or was it the Earl of Oxford or Christopher Marlowe? Shakespearean Literature is designed to introduce students to the works of Shakespeare as well as stimulate those who are familiar with his style of writing. Shakespearean Literature can be combined with Drama in Literature to make a full-year (2 semester) course.

## Shakespeare in Literature Honors

**1 semester 0.5 credit**

This 18-week course is a reading- and writing-intensive version of our Shakespearean Literature course. Students study and interpret the works of William Shakespeare, such as *Hamlet*, *A Midsummer's Night Dream* and *Romeo and Juliet*. Honors Shakespearean Literature can be combined with Honors Drama Literature to make a full-year (2 semester) course.

## British Literature

**2 semesters 1 credit**

Through the voices of a diverse group of authors, thinkers and prominent political and cultural figures, British Literature surveys the history of the English language from the Old English period through the contemporary writers of today. Through the careful study of poetry, prose, essay, drama and other literary genres, students refine the skills of critical thinking and rhetoric with thought-provoking writing and research assignments.

## Writing Tutorials

**1 semester 0.5 credit**

The following types of essays are analyzed and practiced: compare/contrast, persuasive, eyewitness report, critical review, reflective, interpretive, narrative prose and research. Students learn to develop the writing process.

## Creative Writing

**1 semester 0.5 credit**

For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to better understand ourselves and our world. This course can provide you with a solid grounding in the writing process, from finding inspiration to building a basic story. Then, when you are ready to go beyond the basics, learn more complicated literary techniques to create strange hybrid forms of poetry and prose. By the end of this course, you can better discover your creative thoughts and turn those ideas into fully realized pieces of creative writing.

## Journal Writing

**1 semester 0.5 credit**

Journal writing encourages the writer through a variety of activities such as free writing, response to literature, prompts, graphical activities that allow the student to express him or herself via creation, and production of one's own book.

## Journalism

**1 semester 0.5 credit**

In this course, you'll learn how to write a lead that grabs your readers, how to write engaging news stories and features, and how to interview sources. You'll also learn about the history of journalism, how to succeed in the world of social media news, and how to turn your writing, photography, and people skills into an exciting and rewarding career.

## Lord of the Rings

**1 semester 0.5 credit**

The Lord of the Rings is one of the most popular stories in the modern world. In this course you will study the movie versions of J.R.R. Tolkien's novel and learn about the process of converting literature to film. You will explore fantasy literature as a genre and critique the three Lord of the Rings films.

## Gothic Literature

**1 semester 0.5 credit**

From vampires to ghosts, these frightening stories have influenced fiction writers since the 18th century. This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment. Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented.

### **Mythology and Folklore: Legendary Tales**

**1 semester**

**0.5 credit**

Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore has been used as a way to make sense of humankind and our world. Beginning with an overview of mythology and different kinds of folklore, students will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how these are still used to shape society today.

### **World Mythology**

**2 semesters**

**1 credit**

Students will explore creation myths, trickster tales, and hero journeys from all around the globe. Each lesson will examine a different myth in an integrated study of history, culture, literature, and the arts. World Mythology is an engaging English course for students who have not enjoyed English courses, and for students who like to use their imaginations.

### **Writing From Mythology**

**2 semesters**

**1 credit**

The plots, characters and themes of myths are explored and students use their knowledge of the myths as a foundation for their own creative writing. Classical Greek mythology is the main focus of the course, giving students important foundational knowledge about these themes that are ever-present in literature and art.

### **English Internet Explorations A**

**2 semesters**

**1 credit**

English Internet Explorations A integrates the core subjects of English, Science and Social Studies in a fun, lively course. Students polish their reading and writing skills while visiting exciting websites. Assignments regularly include creative writing projects. This is a good nontraditional English course for students without strong English skills.

### **English Internet Explorations B**

**2 semesters**

**1 credit**

English Internet Explorations B is a popular follow-up to English Internet Explorations A. Topics include: raptors, the Ben Franklin Museum, volcanoes and Godzilla. Assignments regularly include creative writing. This is a good non-traditional English course for students without strong English skills.

### **Public Speaking**

**1 semester**

**0.5 credit**

The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero's views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair.

## **MATHEMATICS**

### **Pre-Algebra**

**2 semesters**

**1 credit**

Pre-Algebra is an engaging blend of animated and interactive learning activities, graphically enhanced instruction and written explanation. The course covers the following areas in detail to prepare students for Algebra 1: types of numbers; estimation; order of operations; negatives and absolute values; calculating with negative numbers; fractions, decimals and percent basics (applying to real-world situations); algebraic reasoning (inductive and deductive); sequences and patterns; how to approach and solve complex problems; working with exponents and powers and working with roots.

### **Algebra I**

**2 semesters**

**1 credit**

This course teaches the concepts of introductory algebra in a visually captivating, interactive learning environment. Innovative activities relate mathematics to the real world and include sound, animation and instant feedback. Topics include: absolute values, linear equations, linear inequalities, functions and lines, systems; exponents; polynomials and factoring, quadratic functions and equations, radicals; rational expressions; data analysis and probability.

## **Geometry**

**2 semesters 1 credit**

Plane Geometry presents concepts of Euclidean space, proofs using deductive reasoning, an introduction to three-dimensional space and applications of two- and three-dimensional spaces. Topics include: logic and proof; properties of triangles, polygons and circles; area and perimeter; surface area; and volume.

## **Algebra II**

**2 semesters 1 credit**

Elaborating on the lessons learned in Pre-Algebra and Algebra 1, Algebra 2 broadens its scope to include the essential topics needed to be successful in College Algebra, Pre-Calculus, or Trigonometry. Algebra 2 is supported by the informative, user-friendly Omega Math website. Topics include: functions, logarithmic functions, exponential functions, complex numbers and more.

## **Trigonometry**

**2 semesters 1 credit**

Students navigate learning paths based on their level of readiness. Algebra and Geometry Review, Functions and Graphs; Quadratic Functions; Unit circle and Right Triangle Trigonometry; Trigonometric Graphs and Inverse Functions; Trigonometric Identities and Equations; Applications of Trigonometry.

## **Pre-Calculus**

**2 semesters 1 credit**

Students navigate learning paths based on their level of readiness. This course includes the following topics: algebra/geometry review, functions and graphs, polynomial and rational functions, exponential and logarithmic functions, trigonometry, systems of linear equations and matrices, sequences, series, and probability; conic sections, limits and continuity.

## **Calculus**

**2 semesters 1 credit**

This course includes: algebra and geometry review; functions and graphs; polynomial and rational functions; exponential and logarithmic functions; trigonometry; systems of linear equations and matrices; sequences, series, and probability; conic sections; limits; and continuity.

## **Intro to Statistics**

**2 semesters 1 credit**

Students navigate learning paths based on their level of readiness. This course covers the following topics including: numbers; algebraic expressions; linear equations; lines in the coordinate plane; descriptive statistics; counting and probability.

## **Personal and Family Finance**

**1 semester 0.5 credit**

How do our personal financial habits affect our financial future? How can we make smart decisions with our money in the areas of saving, spending, and investing? This course introduces students to basic financial habits such as setting financial goals, budgeting, and creating financial plans. Students will learn more about topics such as taxation, financial institutions, credit, and money management. The course also addresses how occupations and educational choices can influence personal financial planning, and how individuals can protect themselves from identity theft.

## **Financial Literacy**

**2 semester 1 credit**

Topics of Personal Finance are covered. Some topics include: checking accounts, bank statement reconciliation, cost of home ownership, interest, mortgages, stocks and bonds, insurance, budgets, banking, and managing money.

## **Survival Math**

**1 semester 0.5 credit**

Students identify and practice skills essential to independent living. Exercises provide challenges in day-to-day living, including purchases, living expenses, health care decisions and future planning to improve real-world knowledge and build self-confidence.

## **Math for College Success**

**2 semesters 1 credit**

Math for College Success prepares students to achieve success in college mathematics by developing thorough mastery of the algebra topics necessary for students to progress into Intermediate Algebra and to transition to the rigors of college mathematics. Arithmetic Readiness; Real Numbers and Variables; Linear Equations and Inequalities; Functions, Lines, and Systems of Equations; Integer Exponents and Polynomials; Rational Expressions and Proportions; Radicals and Rational Exponents; Complex Number and Quadratic Equations.

### **Math Proficiency**

**1 semester 0.5 credit**

This course prepares students for the Math section of the High School Proficiency Test. It teaches the main learning objectives covered by the test, including arithmetic, measurement, geometry, data analysis and basic algebra. The course also provides test-taking strategies and sample test problems.

### **Basic/Integrated Math**

**2 semesters 1 credit**

This course is designed for students who need to gain skills in Basic Math and Pre-Algebra. The course covers all the essential topics needed to be successful in future Algebra courses. Topics include: fractions, order of operation, decimals, conversion of units, word problems, and topics from Geometry, and more.

### **Foundations of High School Math**

**2 semesters 1 credit**

This course is intended to develop mastery of the full breadth of middle school math concepts to facilitate success in high school mathematics, including algebra and geometry courses. Topics covered include whole numbers and integers, rational numbers, measurement, proportion, percent, and probability; variable expressions and equations, functions and graphs, and geometry.

## **SCIENCES**

*Only courses with an asterisk (\*) have an optional lab component. If you choose a course with a lab, make sure to tell your advisor if you plan to do the lab or not. If a course does not have a lab option, speak with your Clonlara Advisor to discuss ways in which a lab can be added to your science course. Lab kits, when available, can be purchased by the student at their own expense. Some colleges require sciences with labs. It is the student's responsibility to research this requirement.*

### **General Science**

**2 semesters 1 credit**

General Science offers students a fun, nonthreatening introduction to the world of science. The course covers several different branches of science, including topics such as: hurricanes, weather stations, lasers, magnets, hummingbirds, polar bears and botanical gardens.

### **Integrated Science**

**2 semesters 1 credit**

This course gives students a basic understanding of how to navigate and search for information on the Web while learning various introductory Science topics such as weather, astronomy, the nervous system, various animals, plants, electricity, and energy. After taking this course, the Internet will be a familiar resource tool for research and explorations.

### **Biology\***

**2 semesters 1 credit**

This course teaches students the fundamental concepts of biology. Topics include: the characteristics of life, basic chemistry, animal life, plant life, reproduction and development, genetics, evolution, diversity and ecology. Biology includes regular thought-provoking questions answered in essay form. Students also complete semester term papers on a chosen topic. This course has an optional lab component.

### **Honors Biology**

**2 semesters 1 credit**

Honors Biology is a research and writing-intensive version of our regular Biology course. (See the Biology description for detailed information.)

### **Chemistry\***

**2 semesters 1 credit**

This course includes math and algebra, atomic theory and atomic structure; chemical bonding; states of matter, reactions and Stoichiometry; kinetics and equilibrium; thermodynamics; descriptive chemistry; and laboratory. This course has an optional lab component.

### **Earth Science\***

**1 semester 0.5 credit**

Students learn the critical importance of scientific developments in today's world through gaining basic knowledge of earth science. Topics include early Earth, geological history, fossils, minerals and rocks, plate tectonics, earthquakes, volcanoes, the Carbon and Nitrogen cycles, the atmosphere, the ozone layer, the greenhouse effect, weather, climate, air and ocean circulation patterns, the solar system, our galaxy, and beyond. This course has an optional lab component.

## **Honors Earth Science**

**1 semester**

**0.5 credit**

This is a rigorous version of our Earth Science course. (See the Earth Science description for detailed information.)

## **Environmental Science**

**1 semester**

**0.5 credit**

Study of the Environment examines the interrelationships among humans and the natural world. Main topics include: ecosystems, land resources, water resources, biodiversity, pollution, waste and waste reduction, energy, and sustainable development.

## **Physics\***

**2 semesters**

**1 credit**

This course introduces students to the fundamental principles of physics. Each lesson provides comprehensive coverage of a specific concept or topic. Some of the concepts and laws of physics covered include: mechanics, properties of matter, heat, sound and light, electricity and magnetism, atomic and nuclear physics. This course has an optional lab component.

## **Oceanography**

**1 semester**

**0.5 credit**

Students study the ecology and diversity of the world's oceans, with particular attention paid to the complex interactions among all marine life, from the smallest microorganism to the largest sea mammal. Topics include: life in the sea, deep sea exploration, marine mammals, coastal ecosystems and the sea floor.

## **Honors Oceanography**

**1 semester**

**0.5 credit**

Honors Oceanography is a research and writing-intensive version of our Oceanography course. (See the Oceanography description for detailed information.)

## **Marine Science**

**1 semester**

**0.5 credit**

Have you ever wondered about the secrets of the deep, and how the creatures below the ocean's surface live and thrive? It is truly a new frontier of discovery, and in Marine Science you will begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. Through the use of scientific inquiry, research, measurement, and problem solving, you will conduct various scientific procedures that will lead to an increased level of knowledge about Marine Science. You will also have the opportunity to use technology and laboratory instruments in an academic setting. By recognizing the inherent ethics and safety procedures necessary in advanced experiments, you will become progressively more confident in your abilities as a capable marine scientist.

## **Agriscience I and II (each course is 0.5 credits)**

**2 semesters**

**1 credit**

Students will learn about the development and maintenance of agriculture, animal systems, natural resources, and other food sources. Students will also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade.

## **Veterinary Science**

**1 semester**

**0.5 credit**

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

## **Astronomy**

**1 semester**

**0.5 credit**

This course will introduce 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 will examine the life cycle of stars, the properties of planets, and the exploration of space.

### **Forensic Science I**

*1 semester*

*0.5 credit*

This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

### **Forensic Science II**

*1 semester*

*0.5 credit*

This course focuses on the analysis of evidence and testing that takes place within this setting. We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis.

### **Criminology**

*1 semester*

*0.5 credit*

In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology – the study of crime. We will look at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds. Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime?

### **Great Minds in Science**

*1 semester*

*0.5 credit*

Is there life on other planets? What extremes can the human body endure? Can we solve the problem of global warming? Today, scientists, explorers, and writers are working to answer all of these questions. Like Edison, Einstein, Curie, and Newton, the scientists of today are asking questions and working on problems that may revolutionize our lives and world. This course focuses on 10 of today's greatest scientific minds. Each unit takes an in-depth look at one of these individuals, and shows how their ideas may help to shape tomorrow's world.

### **Biotechnology: Unlocking Nature's Secrets**

*1 semester*

*0.5 credit*

In today's world, biotechnology helps us grow food, fight diseases, and create alternative fuels. In this course, students will explore the science behind biotechnology and how this science is being used to solve medical and environmental problems.

## **SOCIAL STUDIES**

### **World History**

*2 semesters*

*1 credit*

World History encourages students to use multimedia to establish a chronology and understanding of influential historical events. Topics include: the beginning of civilization, civilizations of the Mediterranean world, Asian history, the early modern world, the emergence of modern nations, the development of industrial society and world wars in the 20th Century.

### **Honors World History**

*2 semesters*

*1 credit*

Honors World History offers a reading and writing-intensive version of the World History course. The course enables students to examine and interpret influential historical events.

### **American History**

*2 semesters*

*1 credit*

This course visits aspects of American history and provides a well-rounded, comprehensive depiction of events from the American Revolution to modern times. Students review many photographs, maps and speeches from different time periods, as well as cultural descriptions.

### **Honors American History**

*2 semesters*

*1 credit*

Honors American History offers a reading and writing-intensive version of our American History course. Students explore a variety of dynamic, informative websites to gain a comprehensive understanding of events from the American Revolution to modern times. The websites contain many excellent photographs, maps, speeches and cultural descriptions from different time periods.

## **U.S. Government**

*1 semester*

*0.5 credit*

U.S. Government provides the student with a basic understanding of American government. Topics include: the roots of democracy, the judiciary system and the law, interest groups in government, landmark Supreme Court cases, civil rights and individual liberties. Diverse online resources make this course informative and engaging.

## **Economics**

*1 semester*

*0.5 credit*

In addition to studying the primary types of economic systems, laws of supply and demand and other key economic concepts, students learn about the effect that jobs, earnings and career decisions have on their buying power and quality of life. Students also explore the role that an increasingly global market plays in their daily lives.

## **African American History**

*1 semester*

*0.5 credit*

In this course, you'll learn about the political, economic, social, religious, and cultural factors that have influenced African American life, come face to face with individuals who changed the course of history, and explore how the African American story still influences current events today.

## **History of the Holocaust**

*1 semester*

*0.5 credit*

Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics.

## **World Religions**

*1 semester*

*0.5 credit*

Throughout the ages, religions from around the world have shaped the political, social, and cultural aspects of societies. This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.

## **World Cultures**

*2 semesters*

*1 credit*

Rich with primary source excerpts and cultural vignettes, this course provides a tour of the history, cultures and environments of the seven continents. The study of geography is further enhanced with access to maps, diagrams and related cultural information. This course presents geography in an enjoyable, exploratory format. It culminates in planning a trip around the world.

## **Human Geography**

*1 semester*

*0.5 credit*

Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form, and learn how beliefs and architecture are part of a larger culture complex.

## **Anthropology I**

*1 semester*

*0.5 credit*

This course will explore the evolution, similarity and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting online video journeys to different areas of the anthropological world are just one of the powerful learning tools utilized in this course.

## **Anthropology II**

*1 semester*

*0.5 credit*

This course continues the study of global cultures and the ways that humans have made sense of their world. We will examine some of the ways that cultures have understood and gave meaning to different stages of life and death. The course will also examine the creation of art within cultures and examine how cultures evolve and change over time.

**Archaeology****1 semester 0.5 credit**

This course focuses on this techniques, methods, and theories that guide the study of the past. Students will learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Finally, students will learn about the relationship of material items to culture and what we can learn about past societies from these items.

**Intro to Philosophy****1 semester 0.5 credit**

This course will take students on an exciting adventure covering more than 2,500 years of history. Students will learn about great thinkers, and come to see how and where many of the most fundamental ideas of Western Civilization originated.

**Intro to Women's Studies****1 semester 0.5 credit**

This course, although looking specifically at the experiences of women, is not for girls only. If you are a student interested in exploring the world through film and open-minded enough to be interested in social change, this course is for you.

**Personal Psychology I****1 semester 0.5 credit**

Self-knowledge is the key to self-improvement! More than 800,000 high school students take psychology classes each year. Among the different reasons, there is usually the common theme of self-discovery! Sample topics include the study of infancy, childhood, adolescence, perception and states of consciousness. Amazing online psychology experiments dealing with our own personal behavior are featured within this course.

**Personal Psychology II****1 semester 0.5 credit**

Enrich the quality of your life by learning to understand the actions of others! Topics include the study of memory, intelligence, emotion, health, stress and personality. This courses features exciting online psychology experiments involving the world around us.

**Sociology I****1 semester 0.5 credit**

Students will examine social problems in our increasingly connected world, and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course.

**Sociology II****1 semester 0.5 credit**

Sociology is the study of people, social life and society. By developing a "sociological imagination" students will be able to examine how society itself shapes human action and beliefs...and how in turn these factors re-shape society itself!

**Social Problems I****1 semester 0.5 credit**

Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies , governments and the individual. Each unit is focused on a particular area of concern, often within a global context.

**Social Problems II****1 semester 0.5 credit**

Social problems II continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels.

# WORLD LANGUAGES

## Spanish 1

**2 semesters 1 credit**

A multi-media, game-based approach makes this introductory Spanish course different from traditional approaches to language learning. Advanced teaching techniques are used to turn compelling adventures and activities into rigorous lessons in grammar and vocabulary. This course provides a solid foundation for reading, speaking, writing, and understanding Spanish and cultivates a passion for the language through exposure to culture and dynamic experiences of real people and real places.

## Spanish 2

**2 semesters 1 credit**

Students with a beginning foundation in Spanish will see their skills soar through compelling lessons that give them access to content so interesting that they forget that they are learning Spanish. This unique learning methodology, which relies heavily on games and stories, works effectively to take students from a tentative understanding of Spanish basics to a greater level of sophistication. This course concentrates on students' ability to articulate more and more complex thoughts and to understand authentic native language from a variety of enticing sources.

## Spanish 3

**2 semesters 1 credit**

Intermediate Spanish students who have a strong base of vocabulary, speaking and listening skills will reach a new level of mastery and fluency in this course. Through games and compelling stories, students learn advanced grammar and vocabulary, with an emphasis on correct accents and comprehension of real world native speech. Error recognition technology helps students to eliminate common mistakes from their speaking and writing.

## Spanish 4

**2 semesters 1 credit**

Deepen your understanding of the language as you build on your success achieved in Levels I, II, and III. Main topics of this course include: Tourism and Recreation, Professions and Hobbies, At Home and Around Town, and Style and Personal Wellness.

## Spanish 5

**2 semesters 1 credit**

Develop command of the language as you refine the crucial communication skills you acquired in Levels I-IV. Main topics in this course include: Business and Industry, Arts and Academics, Emergency Situations, and Family and Community.

## French 1

**2 semesters 1 credit**

A multi-media, game-based approach makes this introductory French course different from traditional approaches to language learning. Advanced teaching techniques are used to turn compelling adventures and activities into rigorous lessons in grammar and vocabulary. This course provides a solid foundation for reading, speaking, writing, and understanding French and cultivates a passion for the language through exposure to culture and dynamic experiences of real people and real places. This course also features adaptive learning technology that lets students select the learning style that's right for them.

## French 2

**2 semesters 1 credit**

Students with a beginning foundation in French will see their skills soar through compelling lessons that give them access to content so interesting that they forget that they are learning French. This unique learning methodology, which relies heavily on games and stories, works effectively to take students from a tentative understanding of French basics to a greater level of sophistication. This course concentrates on students' ability to articulate more and more complex thoughts and to understand authentic native language from a variety of enticing sources.

## French 3

**2 semesters 1 credit**

Intermediate French students who have a strong base of vocabulary, speaking and listening skills will reach a new level of mastery and fluency in this course. This course teaches advanced grammar and vocabulary and emphasizes correct accents and comprehension of "real world" native speech. The high energy excitement of the content, the challenging games and the wide variety of compelling stories contained in this course combine to make advanced learning a blast. Our unique error recognition technology helps students to eliminate common mistakes from their speaking and writing.

#### **French 4**

**2 semesters 1 credit**

Deepen your understanding of the language as you build on your success achieved in Levels I, II, and III. Main topics of this course include: Tourism and Recreation, Professions and Hobbies, At Home and Around Town, and Style and Personal Wellness.

#### **French 5**

**2 semesters 1 credit**

Develop command of the language as you refine the crucial communication skills you acquired in Levels I-IV. Main topics in this course include: Business and Industry, Arts and Academics, Emergency Situations, and Family and Community.

#### **Other languages available include:**

**German 1, 2, 3, 4, 5**

**Japanese 1,2,3**

**Latin 1,2**

**Sign Language 1, 2, 3, 4**

*All courses are 2 semesters/1 credit*

## **ENGLISH AS A FOREIGN LANGUAGE /TOEFL PREP**

Our exciting English Prep program includes six full years of instruction. The courses are fun, interactive and graphically rich. In each course students hear English spoken by native speakers, read real-life conversations on social as well as academic topics and complete challenging grammar lessons. English Prep is a unique blend of the direct method of language instruction that focuses on situational language acquisition and the traditional method of systematic grammar study. The six courses of English Prep present a carefully planned series that begins with the English alphabet and systematically prepares students for success on the Test of English as a Foreign Language (TOEFL). Course offerings are appropriate for people of all ages with various goals. These courses require the assistance of a tutor or teacher who is proficient in the student's native language.

#### **English 101: Making Friends**

**2 semesters 1 credit**

Students learn basic conversation skills, pronunciation and transcription. Games and stories make learning memorable. Vocabulary is increased with picture and audio dictionaries and fun "picture glossaries." This is a colorful exercise, where students click on different objects to see and hear their English names. The glossaries include the rooms of a house, a garden, a family portrait and many others. This course meets Teachers of English to Speakers of Other Languages (TESOL) standards.

#### **English 102: Road Trip USA**

**2 semesters 1 credit**

Students learn to converse on many subjects. Picture and audio dictionaries expand vocabulary. The Internet provides reading challenges, following the theme of travel and sightseeing. Complex sentence structures are mastered and over 300 vocabulary words are taught. A focus on conversation among friends and strangers allows for listening and speaking practice in every lesson. The travel theme includes geography as well as information gathering and directions. This course meets Teachers of English to Speakers of Other Languages (TESOL) standards.

#### **English 103: One World**

**2 semesters 1 credit**

In English 103, students continue to build their understanding of English grammar as they learn the values of global citizenship. This course opens with a section on multiculturalism in which students read and listen to short articles. The second half centers on readings from the Internet that are analyzed through guided activities. Students explore all major English-speaking cultures. Listening is a component of each lesson, as an auto graded quiz. This course meets Teachers of English to Speakers of Other Languages (TESOL) standards.

#### **English 104: Writing for Life**

**2 semesters 1 credit**

In English 104, students develop writing skills for a variety of personal, academic and professional situations. Students write essays, poetry, letters, a personal biography and fiction. Grammar knowledge strengthens with practical usage of English. The course is focused on building writing skills, but there are also large listening and reading comprehension components. As in all English preparation offerings, TOEFL preparation is a high priority. This course meets Teachers of English to Speakers of Other Languages (TESOL) standards.

### **English 105: Learning for Life**

*2 semesters*

*1 credit*

In English 105, students gain an extended vocabulary, useful in personal, academic and professional situations. Over 700 subject specific vocabulary words are learned, facilitating intellectual and scientific conversations and improving familiarity with the academic environment. Aspects of writing and conversing are thoroughly covered in the major academic disciplines of science, mathematics, literature and history. This course meets Teachers of English to Speakers of Other Languages (TESOL) standards.

### **English 106: TOEFL Success**

*2 semesters*

*1 credit*

TOEFL Success is a course designed to help students not simply pass, but achieve a high score on the TOEFL exam. The multiple choice TOEFL exam tests non-native English speakers on their proficiency in American English. TOEFL Success helps students successfully prepare to take the exam with confidence, through 36 fun, interactive lessons. This course meets Teachers of English to Speakers of Other Languages (TESOL) standards.

## **ARTS**

### **Art History**

*2 semesters*

*1 credit*

This course combines two 1-semester courses (Art History: Ancient to Gothic and Art History: Renaissance to Modern) into a single year-long course. The course begins with a general discussion of art and the place of art in the development of human civilization. It introduces man's earliest reflective art form - cave paintings-- and moves forward in time through the art of early civilizations of the Middle East, Rome and Greece, India, China, and Japan. Then we investigate the art of Early American civilizations and societies and travel across the Atlantic Ocean to learn about African Art. At the end of the first semester, we explore Islamic and Early Christian art: Byzantine, Romanesque, and Gothic. The second semester of Art History begins with a study of the Renaissance period in European art, and continues through the rich Baroque and Rococo periods in Europe, followed by studying the impact of Romanticism on art and the development of Impressionism. Late 19th and early 20th century developments, from Surrealism to cubism are explored. We end with Modern art, including the United States and Mexico. Students are inspired to create a few simple art projects based on the styles and movements they have studied. Web resources from the greatest museums in the world are accessed. Topics include visual vocabulary, principles of art, drawing, painting, sculpture, studio art, art history, art criticism, and aesthetics. Art History is an inspiring addition to any student's curriculum .

### **Art in World Cultures**

*1 semester*

*0.5 credit*

Who is the greatest artist of all time? Is it Leonardo da Vinci? Claude Monet? Michelangelo? Pablo Picasso? Is the greatest artist of all time someone whose name has been lost to history? Students will learn about some of the greatest artists while also creating art of your own, including digital art. Students explore the basic principles and elements of art, learn how to critique art, and examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.

### **Music Appreciation**

*1 semester*

*0.5 credit*

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

### **Digital Photography I & II (each course is 1 semester/0.5 credits)**

*2 semesters*

*1 credit*

Have you ever wondered how photographers take such great pictures? Have you tried to take photographs and wondered why they didn't seem to capture that moment that you saw with your eyes? The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

### **Theater, Cinema & Film Production**

*1 semester*

*0.5 credit*

Lights! Camera! Action! This course will introduce students to the fundamentals of film and theater production. Students will learn about the basics of lighting, sound, wardrobe and camera work for both film and theater settings.

### **3D Modeling**

*1 semester*

*0.5 credit*

Are you interested in a career in technology? Are you curious about working in fields like virtual reality, video game design, marketing, television and motion pictures, or digital imaging? If so, this course in 3D Modeling is a great place to start as it is the foundation for all these career paths. Gain a deeper understanding of graphic design and illustration as you use 3D animation software to create virtual three-dimensional design projects. Hone in on your drawing, photography, and 3D construction techniques and develop the skills needed to navigate within a 3D digital modeling workspace. This course is an excellent introduction to careers in the fast-growing field of technology and design.

### **Animation**

*1 semester*

*0.5 credit*

Do you wonder what it would be like to create the next blockbuster animated movie or do you want to make the next big video game? Do you have an eye for drawing, technology, and timing? If so, Animation is the course for you! You will learn how to use animation tools to conceptualize and bring your creations to life. You'll learn the ins and outs of creating 2D and 3D animation, from start to finish. You'll even begin working on our own design portfolio and get hands on experience with creating your own animation projects. Learning about Animation could lead to a thriving career in the growing world of technology and animation.

## **TECHNOLOGY**

### **Keyboarding**

*1 semester*

*0.5 credit*

This course is great for beginners, or experienced typists that need to quickly improve their speed and accuracy 10-20 wpm. Speed and accuracy are emphasized on short timing drills. Lessons cover alphabetic and punctuation keys (no numbers and symbols). The majority of timing drills are 15-second, with 30-second, 1-minute, and 2-minute timing drills.

### **Game Design I**

*1 semester*

*0.5 credit*

Are you a gamer? Do you enjoy playing video games or coding? Does the idea of creating and designing your own virtual world excite you? If so, this is the course for you! Tap into your creative and technical skills as you learn about the many aspects involved with designing video games. You will learn about video game software and hardware, various gaming platforms, necessary technical skills, troubleshooting and internet safety techniques, and even the history of gaming. And to top it all off, you'll even have the opportunity to create your very own plan for a 2D video game! Turn your hobby into a potential career and go from simply being a player in a virtual world to actually creating one.

### **Game Design II**

*1 semester*

*0.5 credit*

We live in a technologically-advanced world where virtual reality and video games play a major role. Have you ever thought about designing your own video game? By signing up for Game Design 2, you will learn the skills needed to conceptualize, design, and fully create your very own video game. Explore various video game software and hardware, sharpen your coding skills, learn about game storylines, player progression, and algorithmic decision making. Learn to analyze player goals, actions, rewards, and challenges, among many other game play components. Utilize the 21<sup>st</sup> century skills of creativity, critical thinking, communication, collaboration, and technical expertise. When you sign up for Game Design 2, you are putting yourself at the forefront of a future in technology.

### **Intro to the Internet**

*1 semester*

*0.5 credit*

This 18-week course gives students a basic understanding of how to navigate and search for information on the Web. After taking this course, the Internet will be a familiar resource tool for research and explorations.

### **Intro to Social Media**

*1 semester*

*0.5 credit*

Have a Facebook account? What about Twitter? Whether you've already dipped your toes in the waters of social media or are still standing on the shore wondering what to make of it all, learning how to interact on social media platforms is crucial to surviving and thriving in this age of digital communication. In Introduction to Social Media, you'll learn the ins and outs of such social media platforms as Facebook, Twitter, Pinterest, Google+, and more and how to use them for your benefit—personally, academically, and, eventually, professionally. If you thought social media platforms were just a place to keep track of friends and share personal photos, this course will show you how to use these resources in much more powerful ways.

## Learning in a Digital World

1 semester

0.5 credit

The digital world seems to change every day, and touch more of our lives. We use technology to communicate with friends and family, find never-ending entertainment options, follow our favorite sports teams and fashion trends, and do our school work. In Learning in a Digital World you will get the tools to navigate this exciting and always changing world. Learn about real-world issues and how to solve real-world problems through interactive and hands-on assignments. Discover what it means to be a responsible digital citizen, expand your digital literacy, and become a successful online student. Consider the best ways to find, create, and share information, learn to maximize information and communication technologies, and explore digital content creation, from emails and blogs to social media, videos, and podcasts.

## Coding: Introduction to Programming

1 semester

0.5 credit

Have you ever wanted to create your own web page or wondered how your favorite websites were built? Maybe you want to know more about how computers and technology are affecting the world around us. In Coding 1a: Introduction to Programming, you 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. You will also discover how to create and build your own website using HTML and CSS and learn basic and complex commands and sequences as you become familiar with programming languages like JavaScript and Python Programming. This course also covers data collection methods, access rights, protocols, and security.

## Cybersecurity I: Foundations

1 semester

0.5 credit

We depend more and more on the technologies we interact with every day, and we put more and more of our personal data out there online. Can all of that data really be kept “secret”? We all need to know more about how to protect our personal information, especially given how much we rely on and use our network devices and media. You’ll learn about the various parts of your computer, how they work together, and how you can manipulate them to keep your data safe. You’ll also dive into the tools, technologies, and methods that will help protect you from an attack and discover the many opportunities in the rapidly growing field of cybersecurity.

## Cybersecurity II: Defense Against Threats

1 semester

0.5 credit

Ever wonder what it’s like to be a hacker? Or think about who is trying to steal your passwords while you’re shopping online using the free Wi-Fi at your local coffee shop? Unmask the cybersecurity threats around you by understanding hackers and identifying weaknesses in your online behavior. Learn to avoid the various types of cyber attacks, 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.

## Concepts of Engineering & Technology

1 semester

0.5 credit

What if you could do the impossible? Engineers understand a lot of things, but the word *impossible* definitely isn’t one of them. Through Concepts of Engineering and Technology, you’ll learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. This course explores the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. This ever-increasing knowledge can also lead to serious ethical dilemmas and the need to discuss where the boundaries of science lie (or even if there should be boundaries). By examining astounding engineering feats and complex ongoing issues, you, too, will begin to question whether the word *impossible* really exists.

## Intro to Renewable Technologies

1 semester

0.5 credit

Cars that run on used vegetable oil. Electricity produced from your garbage. A windmill made from spare bicycle parts that pumps water to crops. Energy is *life*. So, how do we address the world’s growing concerns about energy sources? Where will it come from in the future? How can energy be something sustainable, renewable, and accessible? Introduction to Renewable Technologies begins to uncover the development of new energy technologies and explores how recent approaches to generating, storing, and creating this precious resource have evolved. By gaining a larger understanding of this challenge, we, as thoughtful people, can implement real change and unlock the solution needed for a safer, cleaner, and more enduring world.

# HEALTH and LIFE SKILLS

## **Health**

**1 semester 0.5 credit**

This course presents students with a clear look at the health issues facing humanity today. Students evaluate their own level of health and examine areas of health risks, nutritional needs, exercise, drugs, self-care, environment and safety. This is a hands-on course where students learn to take charge of their own health by practicing preventative health habits. The course includes a wealth of high-quality, up-to-date Internet resources.

## **Physical Education with Health**

**2 semesters 1 credit**

Students choose their own physical education activities while completing lessons and activities about health. Some of the topics covered include: peer and family relationships, drug and alcohol abuse, AIDS, diet, and time management.

## **Exercise Science**

**1 semester 0.5 credit**

This course guides students through an in-depth examination of the effects of exercise on the body. Students learn how to exercise efficiently and properly, as well as how to motivate themselves and others. Basic anatomy, biomechanics, and physiology will serve as a foundation for students to build effective exercise programs. The study of nutrition and human behavior is also an integral part of the course to enhance the student comprehension of this multifaceted subject.

## **Personal Fitness**

**1 semester 0.5 credit**

What does being fit really mean? Is it just based on physical appearance or is it something deeper? Though we strive to be healthy and make sensible choices, it's difficult to know how to achieve this. It's not only about losing weight or lifting a heavy barbell; in Personal Fitness you will learn about body functions, safety, diet, goals, and strategies for longevity. Human beings, in both body and mind, are complex and highly sensitive organisms that need the right attention to physically excel and feel great. Being fit is about living life to the fullest and making the most of what you have—yourself! Explore the world of healthy living and see how real fitness can be achieved through intention, effort, and just the right amount of knowledge.

## **Nutrition & Wellness**

**1 semester 0.5 credit**

This course takes students through a comprehensive study of nutritional principles and guidelines. Students learn about world wide views of nutrition, essential nutrient requirements, physiological processes, food labeling, weight management, healthy food choices, fitness, diet-related diseases and disorders, food handling, healthy cooking, nutrition for different populations, and more. Students gain important knowledge and skills to aid them in attaining and maintaining a healthy and nutritious lifestyle.

## **Life Management**

**1 semester 0.5 credit**

## **Life Skills: Navigating Adulthood**

**1 semester 0.5 credit**

What do you want out of life? How do you achieve your dreams for the future? These can be difficult questions to answer, but with the right tools, they don't have to be. This course will encourage you to learn more about yourself and help you to prepare for the future. You will explore goal setting, decision making, and surviving college and career. You will also discover how to become a valuable contributing member of society. Now is the time to take action. It's your life, make it count.

## **Real World Parenting: Improving Family Life**

**1 semester 0.5 credit**

Do you love children? Maybe you dream of being a parent someday. But perhaps you are also asking yourself, just how, exactly, do you learn to parent? Learning how to care for children while teaching them confidence and accountability is not an easy feat. In Real-World Parenting, you'll learn that being a parent is much more than simply feeding, bathing, and protecting a child. Creating a positive environment, nurturing, fostering education, and serving as a role model are all critical aspects as well. You'll learn how to be a positive force in the development of your future children as well as others around you.

### **Health Science: The Whole Individual**

*1 semester*

*0.5 credit*

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 the measles identified and diagnosed? Health sciences provide the answers to questions such as these. In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

### **Health Science: Public Health**

*1 semester*

*0.5 credit*

What is public health? Who is in control of our health systems and who decides which diseases get funding and which do not? What are the human and environmental reasons for health inequality? Health Science: Public Health answers all of these questions and more. You will study both infectious and non-communicable diseases as well as learn how we conquer these on a community and global level through various methods, including proper hygiene, sanitation, and nutrition. Explore the role current and future technologies play worldwide as well as consider the ethics and governance of health on a global scale. Discover unique career opportunities, and fascinating real-life situations.

### **Health Science: Nursing**

*1 semester*

*0.5 credit*

Nursing is an in-demand career, perfect for someone looking for a rewarding and challenging vocation in the healthcare sector. With a strong focus on patient care, a nurse must be skilled in communication, promoting wellness, and understanding safety in the workplace. In Health Science II Nursing, you will explore communication and ethics, anatomy and physiology, and the practice of nursing. Learn how to build relationships with individuals, families, and communities and how to develop wellness strategies for your patients. From emergency to rehabilitative care to advances and challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others.

### **Health Science: Patient Care & Medical Services**

*1 semester*

*0.5 credit*

Are you looking for a job that's challenging, interesting, and rewarding? These three words describe many of the different careers in health care, and Health Sciences II: Patient Care and Medical Services will show you how to become part of this meaningful vocation. Promoting wellness, communicating with patients, and understanding safety in the workplace are just a few of the essential skills you will learn, all the while becoming familiar with some of the more prominent areas in the field, such as emergency care, nursing, infection control, and pediatrics. You'll learn about some of the inherent challenges faced by this age-old profession and how you can become a significant part of the solution.

## **CAREER EXPLORATION**

### **Hospitality & Tourism: Traveling the Globe**

*1 semester*

*0.5 credit*

Think about the best travel location you've ever heard about. Now imagine working there. In the 21st century, travel is more exciting than ever, with people traversing the globe in growing numbers. Hospitality and Tourism: Traveling the Globe will introduce you 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 the world of leisure and travel, spotting trends, and planning tasteful events are just a few of the key aspects you will explore in this course as you locate your own career niche in this exciting field.

### **Hospitality & Tourism: Hotel & Restaurant Management**

*1 semester*

*0.5 credit*

If you love working with people, a future in hospitality may be for you. In Part A of Hospitality and Tourism 2: Hotel and Restaurant Management, you will learn about what makes the hotel and restaurant industries unique. Learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Evaluate the environment for these businesses by examining their customers and their competition. As well, you will discover trends and technological advances that makes each industry exciting and innovative. In Part A, you can explore a variety of interesting job options from Front Desk and Concierge services to Maître d' and food service.

## **Restaurant Management**

*1 semester*

*0.5 credit*

Have you ever dreamed of running your own eatery? Maybe you've thought of collaborating with a famous chef to create an unforgettable dining experience? What goes on behind the restaurant dining room is a very different world than what goes on out front and really determines the success or failure of an establishment. Restaurant Management will show you exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene, customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether you are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step.

## **Culinary Arts I**

*1 semester*

*0.5 credit*

Food, glorious food! It both nourishes and satisfies us, and it brings people together through preparation, enjoyment, and celebration. If you've ever wanted to learn more about cuisine and how your creativity and appreciation can be expressed by preparing food, Introduction to Culinary Arts is perfect for you. Learn the fundamentals of a working kitchen, and explore what it takes to develop real talent as a chef. Enhance your knowledge of the endless varieties of food, and discover the possibilities that the many spices can bring. Learning more about food preparation will certainly make everything you prepare taste better while giving you the ability to bring people together through the joy of eating.

## **Culinary Arts II: Baking, Pastry, & More**

*1 semester*

*0.5 credit*

Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, Culinary Arts 2 will help you build a strong foundation and grow your knowledge of this exciting industry. In this course, you will explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. You will also enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company. Discover the delights that await you on this delicious culinary adventure.

## **Human & Social Services**

*1 semester*

*0.5 credit*

Those working in the field of social services are dedicated to strengthening the economic and social well-being of others and helping them lead safe and independent lives. In Human and Social Services 1, you will explore the process of helping, body, mind, and family wellness, and how you can become a caring social service professional. If you are interested in an emotionally fulfilling and rewarding career and making a difference in the lives of others, social and human services may be the right field for you.

## **Principles of Public Service**

*1 semester*

*0.5 credit*

Ambulances scream along, heading toward those in need. But who makes sure someone is there to answer the 9-1-1 call? When you take a pill, who has determined that drug is safe for the public? All of these duties are imperative to our comfort and success as a society. Public service is a field that focuses on building a safe and healthy world, and in Principles of Public Service: To Serve and Protect you will be introduced to its many different career choices. The protection of society is not only one of our greatest challenges, it also provides ways for people to work together to ensure safety and provide indispensable services. If you've ever contemplated being one of these real-life heroes, now is the time to learn more.

## **Careers in Criminal Justice**

*1 semester*

*0.5 credit*

Most of us have watched a sensationalized crime show at one time or another, but do we really know how things work behind those dreaded prison bars? Do we really understand all the many factors in our justice proceedings? The criminal justice system is a very complex field that requires many seriously dedicated people who are willing to pursue equal justice for all. The Careers in Criminal Justice course illuminates what those different career choices are and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order. Find out more about what really happens when the television show ends and reality begins.

## **Law & Order: Intro to Legal Studies**

*1 semester*

*0.5 credit*

This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.

## **National Security**

**1 semester**

**0.5 credit**

Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. In National Security, you will have the opportunity to learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Put yourself in the position of the country's decisive leaders and develop your own knowledge base and skill set necessary to meet the requirements of our nation's most demanding career.

## **Intro to Military Careers**

**1 semester**

**0.5 credit**

Most of us have seen a war movie; maybe it had a hotshot aviator or a renegade private or a daring Special Forces operative. But outside of these sensationalized portrayals, do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine, and Introduction to Military Careers will provide the information you need to gain a broader understanding of how to find the right fit. You will learn about the five military branches—Air Force, Army, Coast Guard, Marines Corps, and Navy—and examine which jobs you might like to pursue. From aviation, to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment.

## **International Business**

**1 semester**

**0.5 credit**

From geography to culture Global Business is an exciting topic in the business community today. This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected. The course further provides students a conceptual tool by which to understand how economic, social, cultural, political and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course. Students will cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in both business activities and the 21st century.

## **Entrepreneurship**

**1 semester**

**0.5 credit**

Do you dream of owning your own business? This course can give you a head start in learning about what you'll need to own and operate a successful business. Students will explore creating a business plan, financing a business, and pricing products and services.

## **Fashion and Interior Design**

**1 semester**

**0.5 credit**

Do you have a flair for fashion? Are you constantly redecorating your room? If so, the design industry might just be for you! In this course, students explore what it is like to work in the industry by exploring color, design, and career possibilities.

## **Cosmetology I: Cutting Edge Styles**

**1 semester**

**0.5 credit**

We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? In Cosmetology: Cutting-Edge Styles, you will learn all about this often entertaining field and how specialized equipment and technology are propelling our grooming into the next century. Just like all careers, cosmetology requires certain skills and characteristics, all of which are thoroughly explored in this course. You will learn about various beauty regimens related to hair, nails, skin, and spa treatments, and discover how to create your own business model quickly and efficiently while still looking fabulous, of course.

## **Cosmetology II: The Business of Skin & Nail Care**

**1 semester**

**0.5 credit**

Helping people put their best face forward is a growing, vibrant industry which needs skilled and personable professionals well-versed in the latest trends and technological advances. In Cosmetology 2: The Business of Skin and Nail Care, experience what the day-to-day life of a cosmetologist is like. You will discover that cosmetology is much more than knowing and applying techniques. Additionally, you will explore skin care and facials, learn how to give manicures and pedicures and how to apply artificial nails, and gain an understanding of different hair removal techniques. Discover the next steps towards launching a rewarding and creative career in cosmetology.

## **Sports & Entertainment Marketing**

*1 semester*

*0.5 credit*

Whether you are watching a famous athlete make an unbelievable play or witnessing a sensational singing performance, the world of sports and entertainment is never boring. Although it may seem impossible for you to be a part of this glittery world, it's not! The Sports and Entertainment Marketing field offers careers that combine entertainment with traditional marketing, but with a whole lot more glamour. Explore basic marketing principles while delving deeper into the multibillion dollar sports and entertainment industry. Learn how professional athletes, sports teams, and famous entertainers are marketed as commodities and how the savvy people who handle these deals can become very successful. This course will show you exactly how things work behind the scenes of a major entertainment event and how you can be part of the act.

## **Advertising & Sales: Promotion**

*1 semester*

*0.5 credit*

What comes to mind when you think of 'marketing'? Perhaps a familiar television jingle plays in your head? Or maybe you think of those irritating sales phone calls? There's no denying the sheer magnitude and power of the marketing industry. Every year companies spend approximately \$200 billion promoting their products and services—and that's just in the United States alone! You may be familiar with being on the receiving end marketing, but what's it like on the other side? In Advertising and Sales Promotions, you'll see how these marketing campaigns, ads, and commercials are brought to life and meet some of the creative folks who produce them. You'll learn about different marketing career opportunities and discover ways to be part of this exciting, fast-paced industry.

## **Intro to Manufacturing**

*1 semester*

*0.5 credit*

Think about the last time you visited your favorite store. Now picture the infinite number of products you saw. Have you ever wondered how those things made it to the shelves? Whether it's video games, clothing, or sports equipment, the goods we purchase must go through a manufacturing process before they can be marketed and sold. In Introduction to Manufacturing: Product Design and Innovation, you will learn about different types of manufacturing systems as well as career opportunities, including engineers, technicians, and supervisors. As a culminating project, you will plan your own manufacturing process and create an entirely original product! If you thought manufacturing meant mundane assembly lines, this course will show you how exciting, creative, and practical this industry can be.

## **Intro to Forestry**

*1 semester*

*0.5 credit*

Whether you are a tree-hugger or not, everyone loves the beauty and serenity of a healthy forest. Our precious woodland species not only supply us with aesthetic beauty but also play a valuable role in nature. Trees uphold a great deal of our wildlife's ecosystem while providing us humans with needed lumber, paper products, and even food. But these forests cannot protect themselves and depend greatly on humans for conservation. In Introduction to Forestry and Natural Resources, you will learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues. After better understanding these variables and how they affect the majesty of our forests, you may just be hugging these gentle giants after all.

## **Principles of Agriculture**

*1 semester*

*0.5 credit*

Did you know that the world's population could be as high as 11 billion people by the year 2050? And certainly, as our population is growing, so too are our food needs. Even today, millions of people around the world experience hunger. How can we balance growing populations and keeping everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Through the study of Principles of Agriculture: Food and Natural Resources, you will gain a stronger sense of how food ends up on the plate and how we can maximize the foods and natural resources the earth provides. You'll learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world.

## **Early Childhood Education**

*1 semester*

*0.5 credit*

As children, we see the world differently than we do as teenagers and adults. It is a world full of magical creatures and strange, exciting things. But what makes childhood such a wondrous time of learning and exploration? What can caregivers do to encourage this? In Early Childhood Education, you will learn more about understanding the childhood experience. Learn how to create interesting lessons and stimulating learning environments that provide a safe and encouraging experience for children. Discover how to get children excited about learning and, just as importantly, to feel confident about their abilities. Early childhood teachers have the unique opportunity to help build a strong base for their young students' life-long education.

## **Peer Counseling**

*1 semester*

*0.5 credit*

Are you the person that people come to for advice? Does it seem that your friends always talk to you about their problems? If so, Peer Counseling may be the perfect course for you. It offers ways for you to explore this valuable skill and better understand how it can make a difference in the lives of others. Helping people achieve their personal goals is one of life's most rewarding experiences, and Peer Counseling will show you the way to provide support, encouragement, and resource information. Learn how to observe others as a Peer Counselor as you carefully listen and offer constructive, empathic communication while enhancing your own communication skills.

# **STANDARDIZED TEST PREPARATION**

## **ACT Prep**

*1 semester*

*0.5 credit*

This course provides high-quality instruction that is completely customized to each student, pinpointing the student's abilities on the skills that are tested in the actual exam. Student' areas of weakness are strengthened by reinforcing essential skills and concepts, and extra challenge is provided in areas of strength. Students' progress through the course at their own pace, whenever their schedules allow.







