



JEDI Virtual School Course Offerings 2016-2017 Grades 6-12

JEDI online courses are available to districts needing appropriate course placement for accelerated or remedial elementary, middle, and high school level students. Using the online venue, students remain in their assigned buildings but can access courses appropriate to their educational needs and plan. Grade levels listed are suggested.

SPECIAL NOTE ABOUT JEDI COURSE DESCRIPTIONS---The descriptions you find in this booklet are generic. JEDI uses multiple vendors and the descriptions from vendor to vendor may vary slightly. Course availability is subject to change at any time. If you are a student interested in NCAA eligibility, please contact your Student Services Coordinator. If you want to see a course description that is more detailed, please contact your Student Services Coordinator.

*Indicates a ONE SEMESTER course- offered either semester.

[1, 2] and [A, B] indicate semester, and varies by vendor.

Semester 1= [1] or [A]. Semester 2= [2] or [B].

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High School Elective Offerings

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Accounting*

Through this course, students gain a foundation in the skills needed for college accounting courses, office work, and managing their own small businesses. This introduction to accounting gives students who have never had prior accounting training an overview of the three forms of accounting: financial, cost, and management accounting. The course helps build an appreciation for the role of accounting in managing a profitable business. Instructional material covers the basic concepts conventions, and rules of the double entry system and includes techniques for analyzing ratios from a balance sheet. The concept of ethics, integrity, confidentiality, and rigor are woven through all the units.

Prerequisite: None

Grade 9-12

Credit: 0.5

Anatomy & Physiology*

This course is designed to give a foundation to students interested in a career in the health sciences. The major tissues, organs, and organ systems of the human body are described, as well as their contribution to the health of the individual. The risks and benefits of various behaviors are also evaluated in the light of their contribution or detracting from body functions. The study of the human body involves more than just its anatomy, but also an understanding of the roles each part plays and how each contributes to system and holistic wellness. The basic plan of the course is to examine each of the organ systems, including the skeletal, muscular, integumentary (skin), circulatory, respiratory, immune, digestive, excretory, nervous, sensory, endocrine, and reproductive systems. Each system is presented at the molecular, cellular, organ and system levels. The regulation and coordination of these systems constitutes physiology, which is the major part of the laboratory investigations associated with the course. The systems in the body are regulated by an elaborate series of feedback loops. After completing the course, students will have a foundation for more specialized studies in the health sciences.

Prerequisite: Biology or
Honors Biology

Grade 11

Credit: 0.5

Anthropology*

This class is designed to look at both the social and physical areas of anthropology. Topics included will be the nature of culture, the organization of social relations, archeology, human evolution, and the relationships between values and behavior. Attention to the human use of culture in adapting to environments and to language, technology, kinship, and religion as cultural systems. Students will participate in case studies of Western and Non-Western peoples, historic and pre-historic cultures. This course requires access to a scanner.

Prerequisite: None

Grade 10-12

Credit: 0.5

Archaeology *

This course has all of the instructional design features of the Anthropology class and complements and supports this fascinating area of historical inquiry. Archaeology is the scientific study of past human culture and behavior, from the origins of humans to the present. Archaeology studies past human behavior through the examination of material remains of previous human societies. These remains include the fossils (preserved bones) of humans, food remains, the ruins of buildings, and human artifacts—items such as tools, pottery, and jewelry. From their studies, archaeologists attempt to reconstruct past ways of life. Archaeology is an important field of anthropology, which is the broad study of human culture and biology. Archaeologists concentrate their studies on past societies and changes in those societies over extremely long periods of time.

This course requires access to a scanner.

Prerequisite: None

Grade 10-12

Credit: 0.5

Art Appreciation*

What makes an artwork a masterpiece? Why do artists create art? What is the difference between Rococo and Art Nouveau? In this course, students will discover the answers to these questions and more. We examine the elements of art and principles of design, and explore how artists have used these elements and principles in the creation of art for centuries.

Prerequisite: None

Grades: 9

Credit: 0.5

Art History*

Art History is a survey of Art throughout time. It introduces art principles and instructs students to look at art within the context of which it was made - its history. Exploration of the cultures that created significant buildings, sculptures, paintings, etc. are a key factor in understanding the importance and relevance of Art. Art History A provides the essential information and focus for this exploration. This course leads students from the drawings and structures of Prehistoric Man, through thousands of years of human creativity and innovation, and concludes with the Renaissance period. In Art History A students will take an exciting journey back through time, and across the globe to discover important works of art and the cultures in which they were made. In this course, innovation and creativity in the world of art will be explained and explored. Key pieces of art will be identified and discussed, and students will have the opportunity to see a variety of cultures and events through the lens of visual art. The course starts with a look at art from the Prehistoric Age. The shift to permanent dwellings is explored next in the Ancient cultures of Mesopotamia and Egypt with the architecture that signals humanity's need to influence the environment. The works of Ancient Greece and Rome are examined along with a look outside Europe to Africa and the Americas. The course ends with a look at Medieval and Renaissance Art, and how new techniques and focus influence art all over the globe.

Prerequisite: None

Grade: 9

Credit: 0.5

Art In World Cultures*

Who is the greatest artist of all time? Is it Leonardo daVinci? Claude Monet? Michelangelo? Pablo Picasso? Is the greatest artist of all time someone whose name has been lost to history? You will learn about some of the greatest artists while also creating art of your own, including digital art. We will 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.

Prerequisite: None

Grade: 9

Credit: 0.5

Astronomy [1], [2]

This course is a survey of descriptive astronomy; this course provides an understanding of the solar system, the night sky, and some of the practical aspects of astronomy. Topics covered include the earth-moon-sun relationships, the structure and dynamics of the solar system, stars and their properties, and the cosmology of the universe. Also, included is the historical development of astronomy and the role human behaviors and beliefs have played in its development.

This course requires that the student take a picture and submit a photo as part of an assignment.

Prerequisite: None

Grade: 10-12

Credit: 0.5 per semester

Botany and Zoology*

The plant and animal kingdoms may not be the majority of life on Earth, but they are the most interesting for humans. This course focuses on the comparative anatomy and physiology of multicellular organisms. The study of plants and animals, respectively called botany and zoology, gives an idea of the diversity of life on the planet. The diversity of living forms staggers the mind. However, there are patterns in the diversity that make biology comprehensible. For example, all multicellular organisms use the same basic organizational plan of cells, tissues, and organs, though each species develops the plan to accommodate its particular niche. This course provides an overview of the patterns that are used by plants and animals to grow, reproduce, and adapt. The three major topics are plants, invertebrate animals, and the vertebrates. The student will soon recognize that the basic solutions to life's challenges are solved in predictable ways by the various groups of multicellular organisms, and begin to see

consistencies between the flora and fauna of this planet. This course is designed to prepare students for further studies in biology and environmental science.

Prerequisite: Biology

Grade 10

Credit: 0.5

British and World Literature [1,2]

British and World Literature is a streamlined survey of British literature that illustrates the origins of English-language literature and reflects its reach beyond the British Isles. The course is standards-based. Each activity correlates to state standards in six core areas: reading, writing, language (appreciation and aesthetics), listening and speaking, viewing and representing (including media literacy), and research. The course gives students meaningful practice in fundamental literacy skills while introducing them to classics of British and world literature. Throughout the course, students are encouraged to think and respond independently, critically, and creatively to the subject matter, whether it's a work of literature, a piece of nonfiction writing, or a media work. The course emboldens students to approach these works — both on their own terms and within a larger context — while providing them with the tools and encouragement they need in order to do so. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. Select activities target text-handling skills and promote improved performance on commonly assessed literary analysis and response standards. Study sheets support engagement with direct instruction and develop note-taking and study skills. The content is based on the National Council of Teachers of English (NCTE) standards and is aligned to state standards.

Prerequisite: English 10

Grade 11-12

Credit: 0.5 per semester

Business Math [A, B]

This course is all about math and money-how to earn it and make decisions on spending it. Through projects and discussions, students explore what it means to have income, pay taxes, purchase a vehicle, buy a house, and save for the future. By applying skills in basic algebra, students create a personal budget, do comparison-shopping for large and small purchases, and calculate interest on savings and borrowed money. The course uses videos as teaching tools and includes plenty of examples, exercises, and engaging simulations for practice. Students are given the opportunity to work with calculators and spreadsheets. Interesting stories from people who work in career fields that use mathematics add authenticity to the course, which engages students and illustrates math's place in the world beyond the classroom.

Prerequisite: None

Grade 9

Credit: 0.5 per semester

Career Planning*

The Career Planning course guides students through the essential elements of the career planning process and the development of a defined career plan. Students will consider the many factors that impact career success and satisfaction. Using a process of investigation, research, and self-discovery, students will acquire the understandings critical to the career planning process. Upon completion of the course, students will have created a practical and comprehensive college or career transition portfolio that reflects their skills and abilities, as well as their interests, values, and goals.

Prerequisite: None

Grade 9

Credit: 0.5

Character Education*

Character Education presents thoughts, rationales, and motivations that teach students to live well both in performance and ethics. This course does not preach, but asks students to examine their lives. This course guides the student in building values necessary for adulthood. By asking thought-provoking questions the student is aided in developing values. These values are then internalized to build character, helping the individual live a productive and responsible life.

Prerequisite: None

Grade 11

Credit: 0.5

Child Development*

The study of children is an important topic for everyone to learn. All students are influenced by their

childhood and upbringing; those experiences have made them who they are. When students learn to understand children, communication with them is more efficient. This also has the potential for students to learn more about themselves in the process. During this course, students will learn about the various stages of child development and the ways children grow and change. More importantly, students will learn how to understand children and their various needs. Maybe some students will want to work with children in the future as a result. They will discover that teachers are not the only people who work with kids; other possible career choices are a pediatrician, a counselor, or even a social worker just to name a few. Whatever students have set for their career goals, learning about children will get them one step closer to that chosen career path.

Prerequisite: None

Grade 9

Credit: 0.5

Civics*

In this course students will understand the significance of government, law, and politics. They will examine the United States foundational documents and how they shaped the United States government. Students will examine the purposes and functions of federal, state and local government, the justice system, political systems the environment, and the economy. Learners will evaluate their role and civic responsibility to their families, communities, and country including voting and being a productive member of society. Students will get to know leaders and influential people that have championed many causes including civil rights and the environment. Learners will also learn proper ways to interact in society including interpersonal skills and respecting differences in others including disabilities. Learners will follow a step-by-step approach for successfully completing each lesson, which includes textbook reading, interactive activities, supplemental reading, lecture, video clips, and Power Point presentations to enhance and reinforce learning. Learners receive frequent feedback from teacher and peers through discussions. By the end of the course students will have a deep understanding of their civic responsibilities as well as the difference one individual can make in society.

Prerequisite: None

Grade 9

Credit: 0.5

College and Career Preparation I*

High school students have many questions about the college application process, what it takes to be a successful college student, and how to begin thinking about their careers. College and Career Preparation II builds on the lessons and skills in College and Career Preparation I. The course provides a step-by-step guide to choosing a college. It walks students through the process of filling out an application, including opportunities to practice, and takes an in-depth look at the various college-admission tests and assessments, as well financial aid options. College and Career Preparation II also instructs students in interviewing techniques and provides career guidance. Students explore valuable opportunities such as job shadowing and internships when preparing for a career. Students who complete this course obtain a deeper understanding of college and career readiness through informative, interactive critical thinking and analysis activities while sharpening their time management, organization, and learning skills that they learned in College and Career Preparation I. College and Career Preparation II prepares students with the knowledge and skills to be successful in college and beyond. The course is based on the American School Counselors Association National Standards for school counseling programs.

Prerequisite: None

Grade 9-12

Credit: 0.5

College and Career Preparation II*

High school students have many questions about the college application process, what it takes to be a successful college student, and how to begin thinking about their careers. College and Career Preparation II builds on the lessons and skills in College and Career Preparation I. The course provides a step-by-step guide to choosing a college. It walks students through the process of filling out an application, including opportunities to practice, and takes an in-depth look at the various college-admission tests and assessments, as well financial aid options. College and Career Preparation II also instructs students in interviewing techniques and provides career guidance. Students explore valuable

opportunities such as job shadowing and internships when preparing for a career. Students who complete this course obtain a deeper understanding of college and career readiness through informative, interactive critical thinking and analysis activities while sharpening their time management, organization, and learning skills that they learned in College and Career Preparation I. College and Career Preparation II prepares students with the knowledge and skills to be successful in college and beyond. The course is based on the American School Counselors Association National Standards for school counseling programs.

Prerequisite: None

Grade 9-12

Credit: 0.5

Computer Basics*

Computers have not only transformed the workplace, but have also become the method of delivery for education. Knowing some simple skills, such as keyboarding and the use of typical office software, will make their education much more productive. This course is designed to teach keyboarding to the level of proficiency needed to communicate successfully online. This course also teaches the use of word processing, drawing, spreadsheet, presentation, and Internet software. Finally, the capabilities, ethics, safety, and rules for Internet use are introduced. After taking this course, students should be able to use the computer productively for their school, work, and everyday lives.

Prerequisite: None

Grade 9

Credit: 0.5

Computer Concepts*

Want to learn a little bit about everything about computers? This is an introductory course in computer science that includes units on how a computer works, computer hardware, operating systems, networking, programming, and web design.

Prerequisite: None

Grade 9-12

Credit: 0.5

Consumer Math [1, 2]

This comprehensive review and study of arithmetic skills apply to both personal and vocational business opportunities. Topics include whole numbers, fractions, percentages, basic statistics, and graphs. Practical applications in finance, taxes, budgeting, banking and home ownership are provided.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Cosmetology*

Interested in a career in cosmetology? This course provides an introduction to the basics of cosmetology. Students will explore career options in the field of cosmetology, learn about the common equipment and technologies used by cosmetologists, and examine the skills and characteristics that make someone a good cosmetologist. Students will also learn more about some of the common techniques used in caring for hair, nails, and skin in salons, spas, and other cosmetology related businesses.

Prerequisite: None

Grade 9-12

Credit: 0.5

Creative Writing*

The purpose of this course is to enable students to develop and use fundamental writing and language skills for creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style. Students will analyze literary models and engage in peer review techniques.

Prerequisite: None

Grade 10-12

Credit: 0.5

Creativity, Activity, Service, Learning*

Students will search for, plan, and take part in activities that help them learn how to be active, inquiring, and participating citizens in their communities. The Creative segment of the course will require students to seek out and participate in creative activities that they find enjoyable. The Activity segment of the course will require the student to participate in some type of physical activity, preferably one in their community but the focus is to be active and participate in activities that could be a part of a healthy and active "lifetime" experience. The Service Learning segment will require that the student create or

participate in activities that will meet a need in their community AND illustrate the use and extension of the skills and knowledge being learned in their classroom coursework. In addition to logging the required activity and project time and experiences, the course will include units and activities to build the student's knowledge of "what's out there" and what others are doing to build strong communities and be active members of society.

This course is not available in block format; it is only available for 18 weeks.

Prerequisite: None Grade 9-12 Credit: 0.5

Criminology*

In today's society, crime and deviant behavior are often one of the top concerns of society members. From the nightly news to personal experiences with victimization, crime seems to be all around us. In this course, we will explore the field of criminology or the study of crime. In doing so, we will look at possible explanations for crime from psychological, biological, and sociological standpoints, explore the various types of crime and their consequences for society, and investigate how crime and criminals are handled by the criminal justice system. Why do some individuals commit crimes but others don't? What aspects in our culture and society promote crime and deviance? Why do individuals receive different punishments for the same crime? What factors shape the criminal case process, from arrest to punishments.

Prerequisite: None Grade 9-12 Credit: 0.5

Digital Arts*

The purpose of this course is to provide students with an introduction to visualization graphics programming on personal computers. The course will focus on using a digital camera and practical application of digital imaging programs. Students will learn how to place images in photos and how to mock up drawings of three-dimensional spaces.

A digital camera is required for this course.

Prerequisite: None Grade 9-12 Credit: 0.5

Digital Photography I*

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.

A digital camera is required for this course.

Prerequisite: None Grade 9-12 Credit: 0.5

Digital Photography II*

In today's world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Many of the images that we see have been created by professional photographers. In this course, we will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may choose to specialize in, such as wedding photography and product photography. We will also learn more about some of the most respected professional photographers in history and we will learn how to critique photographs in order to better understand what creates an eye catching photograph.

A digital camera is required for this course.

Prerequisite: Grade 9-12 Credit: 0.5

Digital Photography I

Essentials of Business *

This course is an introduction to the goals, processes, and operations of business enterprises for students. The main focus is on the functions that a company—whether a multinational corporation or a

corner grocery store—must manage effectively in order to be successful. These include accounting, finance, human resource management, marketing, operations management, and strategic planning. Attention is also given to the legal environment in which businesses operate, and the importance of business ethics and corporate citizenship.

Prerequisite: None

Grade 9

Credit: 0.5

Ethics*

The purpose of this course is to help students develop the ability to make reasoned and ethical choices when confronted with the many complex, controversial moral dilemmas faced in today's society. Students will become acquainted with the foundations of ethical thought and theories as well as gain an insight into the process of moral development. Students will also identify typical fallacies in flawed moral arguments. Students will also be given the opportunity, both orally and in writing, to apply the skills they acquire to real life moral dilemmas.

Prerequisite: None

Grade 9-12

Credit: 0.5

Fashion and Interior Design [1, 2]

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, you'll explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design then test your skills through hands-on projects. In addition, you'll develop the essential communication skills that build success in any business. By the end of the course, you'll be well on your way to developing the portfolio you need to get your stylishly clad foot in the door of this exciting field. Students will need a sewing machine to complete this course. Students in this course have 1 or more units that emphasize the use of sewing tools and hands-on use of tools of the trade. Students must have use of a sewing machine and basic sewing supplies; including but not limited to fabric, needle, thread, scissors, fabric shears, tape measure, thread, and bobbin. It may also be helpful to have a sketchpad. Purchase of these materials is the responsibility of the student and must be considered and discussed with parents/guardians prior to enrolling in the course. The successful Fashion & Design students will gain hands-on practice creating an outfit, or at least 1 garment piece using the sewing tools/supplies.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Financial Literacy*

The purpose of this course is to provide students with the essential understandings about managing their money. The focus will be on sources of personal income, saving, and spending patterns. Students will learn such things as how to budget, how to make large purchases, how to invest, and how to minimize taxes.

Prerequisite: None

Grade 9

Credit: 0.5

Forensic Science [1, 2]

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, virtual and hands-on labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.

Prerequisite: Biology, Chemistry

Grade 11-12

Credit: 0.5

Gothic Literature*

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. By the time students have completed this course, they will have

gained an understanding of and an appreciation for the complex nature of dark fiction.

Prerequisite: None

Grade 10-12

Credit: 0.5

Graphic Design *

Graphic Design is an introduction to elements of design, spatial relationships, typography and imagery as they apply to practical visual solutions for self-promotion, resumes, logo design, Web design, and sequential systems. In this course, the student explores the basic foundations of design through a series of visual projects that explore the principles and elements of design. Students will work both with analog and digital media as they explore two-dimensional and three-dimensional design along with color theory. This course will help develop and explore a student's ability to communicate visually.

In each lesson students acquire new skills, which take some effort. Beyond fundamental skills are various levels of creativity. Each lesson provides room for a student to express the technical skill learned in his or her own creative way.

Prerequisite: None

Prerequisite: None

Prerequisite: None

Great Minds in Science*

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.

Prerequisite: None

Grades: 9-12

Credit: 0.5

Guitar I [1, 2]

Have you ever dreamed of playing the guitar? Whether you love music, want to play guitar for your family and friends, or desire to be a music star, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles. Student guides, Carlos and Summer, will guide you through each step of this journey towards becoming a skilled guitarist and musician.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Hospitality and Tourism*

Everyone goes to restaurants, travels, and stays in lodging facilities. These businesses continue to grow, generating profits, and employing a vast number of people interested in these exciting careers. The Hospitality and Tourism course is designed to give students an overview of this exciting field as well as future educational and career options. The Hospitality and Tourism course focuses on the real-world business perspective by using examples to illustrate features, concepts, and activities. The six units encourage and educate students about a possible career in the exciting world of hospitality and tourism. Topics covered include the hotel and tourism business, sports and entertainment marketing, and the economic impact of tourism-related companies have on the local economy. Hospitality and tourism are two of the most diverse global businesses.

Prerequisite: None

Grade 9

Credit: 0.5

International Business*

How does international business affect you and your future? It is an ever-changing interesting field that affects everyone across the globe. Consumers buy products made in countries all around the world. International trade and global competition change employment opportunities for workers. This course explores international business topics such as international communications, customs, trade practices, languages, legal systems, currency systems and roles of individuals.

Prerequisite: None

Grade 10-12

Credit: 0.5

Introduction to Business and Marketing*

Introduction to Business and Marketing provides the foundational knowledge and skills students need

for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society, develop an understanding of the market place, as well as understanding product placement and promotion. Using hands-on activities, students reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant real-world inspired scenarios. This course focuses on developing knowledge and skills around marketing, pricing, and distribution, while also focusing on economics and interpersonal skills. This course also addresses exploring career options in marketing as well as securing and keeping a job. Introduction to Business and Marketing is as an introductory-level Career and Technical course for programs of study in Business Administration and Management. This course is aligned with state and national standards.

Prerequisite: None

Grade 9-12

Credit: 0.5

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 with friends. In this course, you will learn all about food including food culture, food history, food safety, and current food trends. You'll also learn about the food service industry and try your hand at preparing some culinary delights. Through hands-on activities and in-depth study of the culinary arts field, this course will help you hone your cooking skills and give you the opportunity to explore careers in this exciting industry. Students will need access to groceries, appliances, and cooking utensils. Students enrolled in this course must have availability of food ingredients and cooking supplies needed to complete preparation of simple recipes. Cost of these food supplies are the responsibility of the student. These costs should be considered and discussed with your parent/guardian prior to enrolling in this course. The successful Culinary Arts student will gain hands-on practice preparing foods.

Prerequisite: None

Grade 9-12

Credit: 0.5

Journalism*

If you're the first to know what's going on in your school or town, or the first to post on Facebook or Instagram about your favorite TV shows or favorite celebrities, then you're just the person that every online, in-print, and broadcast news outlet is looking for. And Journalism: Investigating the Truth is the perfect course for you! 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.

Prerequisite: None

Grade 9-12

Credit: 0.5

Law and Ethics*

Law and Ethics is designed to give the student the necessary information to deal with common legal issues, such as contracts, torts, family law, and citizen participation in government. In addition, each legal issue is correlated with the value that underlies the law. Honesty, for example, is presented as the basic principle of contractual law. The course is not intended to focus on the law as a vocation, but rather as a means to live productively and peacefully as a citizen. The law, in a democracy, represents the minimal ethical standard expected of citizens. Although enforcement is an essential part of the law, the citizen whose ethics go beyond the law is the most free. This course informs students of what the law requires in their everyday lives; it presents ethical values upon which the law is based as well as those that transcend the law. The course enables students to operate successfully in a democratic society. This course looks at specific areas of law, not just the criminal part. Contracts, partnerships, corporations, and even the internet all are bound by areas of law. Law governs actions. An examination of the different areas of law gives the student a more well-rounded view of law and how it impacts our everyday lives.

Prerequisite: None

Grade 9

Credit: 0.5

Law & Order*

Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Our lives are guided and

regulated by our society's legal expectations. Consumer laws help protect us from faulty goods; criminal laws help to protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody. 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.

Prerequisite: None

Grade 9

Credit: 0.5

Marine Science*

About 70% of the Earth is covered by water. Even today, much of the world's oceans remain unexplored. Marine scientists make exciting new discoveries about marine life every day. In this course, students will discover the vast network of life that exists beneath the ocean's surface and study the impact that humans have on the oceans.

Prerequisite: None

Grade 9

Credit: 0.5

Media and Communication*

From banner ads to billboards, newspaper articles, and Facebook feeds, people are constantly sharing ideas. This course looks at the many facets of mass media. Students will learn how the media shapes every aspect of our lives. We examine the role of newspapers, books, magazines, radio, movies, television, and the growing influence of Facebook, YouTube, and Twitter.

Prerequisite: None

Grade 9

Credit: 0.5

Media Literacy *

Media Literacy teaches students how to build the critical thinking, writing, and reading skills required in a media-rich and increasingly techno-centric world. In a world saturated with media messages, digital environments, and social networking, concepts of literacy must expand to include all forms of media. Today's students need to be able to read, comprehend, analyze, and respond to non-traditional media with the same skill level they engage with traditional print sources. A major topic in Media Literacy is non-traditional media reading skills, including how to approach, analyze, and respond to advertisements, blogs, websites, social media, news media, and wikis. Students also engage in a variety of writing activities in non-traditional media genres, such as blogging and podcast scripting. Students consider their own positions as consumers of media and explore ways to use non-traditional media to become more active and thoughtful citizens. Students learn how to ask critical questions about the intended audience and underlying purpose of media messages, and study factors which can contribute to bias and affect credibility. The course content is based on The National Association for Media Literacy Education's Core Principles of Media Literacy Education, as well as aggregate state standards and research into best pedagogical practices.

Prerequisite: None

Grade 10-12

Credit: 0.5

Medicine*

This course provides students with an introduction to healthcare, with emphasis on modern, clinical medicine. Students review basic human anatomy and physiology, then study major health concerns affecting people in the U.S. and the world. This comprehensive, 10-unit course examines such topics as infectious diseases, cancer, traumatic injuries, and healthcare career opportunities.

Prerequisite: None

Grade 9

Credit: 0.5

Music Appreciation*

Whether a sheet of music seems like a foreign language to you or music is your life, Music Appreciation has something to offer. This course begins with an overview of the building blocks of music, such as rhythm, acoustics, instruments, and orchestration. Next you will learn about the role of music in society, the aesthetics of music, and how to evaluate a piece of music. From there, you will study music history, beginning with medieval chants and leading all the way to present-day movie music. Finally, you will study music from around the world. This course is a must for aspiring musicians and avid listeners alike.

Prerequisite: None

Grade 9

Credit: 0.5

Mythology and Folklore*

Mighty heroes. Angry gods and goddesses. Cunning animals. Mythology and folklore have been used since the first people gathered around the fire as a way to make sense of humankind and our world. This course focuses on the many myths and legends woven into cultures around the world. Starting with an overview of mythology and the many kinds of folklore, the student will journey with ancient heroes as they slay dragons and outwit the gods, follow fearless warrior women into battle and watch as clever animals outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how they are still to shape society today.

Prerequisite: None

Grade 9-12

Credit: 0.5

Paleontology*

From Godzilla to Jurassic Park, dinosaurs continue to captivate us. In this course, students will learn about the fascinating creatures both large and small that roamed the earth before modern man. Watch interesting videos from experts at The Royal Tyrrell Museum, a leading paleontology research facility, and discover how the field of paleontology continues to provide amazing insight into early life on earth.

Prerequisite: None

Grade 9

Credit: 0.5

Personal Finance*

Understanding financial management concepts is an important life skill. From credit to insurance to taxes, it is imperative that students understand the consequences of their choices. Wisely managing their money, students become citizens that are more responsible. A thorough understanding of financial concepts, with practical application through activities and projects, will enable students to leave this course with applicable, useful skills for life. This course surveys the basic personal financial needs of most individuals and emphasizes the basics of budgeting, saving, checking, investments, credit, the wise use of insurance, and paying and preparing income tax returns. After high school, students face a world filled with possibilities, and the more knowledge they can acquire, the higher the probability that their financial future will be secure. Students taking this course will learn to better prepare for their financial futures.

Prerequisite: None

Grade 10-12

Credit: 0.5

Psychology*

The purpose of this course is to investigate why human beings think and act the way they do. This is an introductory course and will broadly cover several areas. Students will be expected to expand and go further into the topics. Theories and current research will be presented for the student to critically evaluate and understand. Each unit will present the terminology, theories and research that are critical to the understanding of the topic. Assignments and assessments will be included as well as tutorials and interactive drills.

Prerequisite: None

Grade 9

Credit: 0.5 per semester

Reading Comprehension*

This course is divided into five sections, and along the way you will be introduced to two different approaches to reading comprehension. We will start out slowly with small reading portions and gradually move towards longer, graduated reading selections. The main objective of this course is to help the student develop skills and tools to become a strong, confident and successful reader. This course will introduce the student to several different reading comprehension techniques. By the time the student has completed the course, the goal is that he/she will be able to pick a couple of favorites and use them in real-life reading situations. The student is required to read Night, by Elie Wiesel, and must also watch one of the following movies:

The Pianist (directed by Roman Polanski)

Night and Fog(directed by Alain Resnais)

Schindler's List (directed by Steven Spielberg)

Shoah(directed by Claude Lanz-mann)

success in real world sales careers. Students will learn that a successful retail store requires skills in merchandise selection, as well as buying and pricing expertise. In addition, the course offers insight to customer service and management of employees involved in various levels of operations. In each unit, students learn about specific aspects of the retail business. As students learn the various concepts involved, they develop a greater understanding of the skills needed to own and operate their own business. Students learn about the various types of business that could be part of their future. Strategies for success are explored, as well as problems and challenges. This is a beneficial course for future entrepreneurs.

Prerequisite: None

Grade 9

Credit: 0.5

Seven Habits*

7 Habits is a character education course based upon the best-selling book by Sean Covey, *The 7 Habits of Highly Effective Teens*. In a conversational tone, it presents the habits that will bring control and calm into the lives of teenagers. This course deals mostly with so-called performance ethics-the habits that will give teens success. It does not emphasize so-called morality issues, though some discussion is given to high-risk behavior. Students will have a rich audio and visual experience as they progress through this course. It expands on each of the seven habits and teaches students how to implement them. Emphasis is placed on making little changes that lead eventually to a big change in one's thinking and attitudes. The habits are intended to win two victories: private and public. The private victory is realized when one gains control over one's time and energy. The public victory is won when one's relationships become rich and rewarding. The private victory always precedes the public victory. The student should realize that small improvements in planning and priorities will yield large benefits for a lifetime.

Prerequisite: None

Grade 9

Credit: 0.5

Sociology [A, B]

Sociology is much more than conducting surveys or analyzing census data. Sociology is all about studying people and the groups they are part of. Sociology examines social trends and cultural changes. It involves asking questions and solving problems. Questions such as, what causes social inequalities, poverty, racism, or sexism. In Sociology A the student will be introduced to the origins, research methods, and the work of sociologists. Sociology is sometimes thought to be people conducting surveys or interviewing various members of a neighborhood to learn more about their lives. Some think it is simply people analyzing census data. These things are important, but the study of sociology includes much more. Sociology is all about studying people and the groups they are a part of, as well as studying social trends and cultural changes. Studying sociology also means looking at why things are the way they are, and the relationship between humans and the world around them. Sociology involves asking questions and solving problems. Sociologists are mainly interested in the scientific study of social inequalities-like poverty, delinquency, racism, and sexism-and their implications for public policy. *Also available for honors. Please request through your student services coordinator.*

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Space Exploration*

In 1961, Yuri Gagarin became the first human to go to space. In 1969, Neil Armstrong became the first human to step on the moon. This comprehensive course will examine the history and future of space travel. Find out how we have put people in space in the past, and what it will take for us to reach new frontiers, including Mars and beyond.

Prerequisite: None

Grade 9-12

Credit: 0.5

Speech*

In this interactive course, students will acquire listening, speaking, and viewing skills involved in preparing and delivering effective communication. Students will also learn analytical skills for viewing speeches and media messages. This course covers organization, logic, analysis, speaking, and writing skills involved in the creation, delivery, and evaluation of communication in a variety of formats and situations.

Prerequisite: None

Grade 10

Credit: 0.5

Study Skills and Strategies*

The Study Skills and Strategies course equips students with skills and understandings critical to effective learning. Using a unique approach to the traditional topic of study skills, this course weaves understanding regarding the role of the brain in learning into the instruction of discrete learning skills and strategies. Moving beyond a list of good tips and ideas, the Study Skills and Strategies course will challenge students to develop intentional approaches to learning. They will be required to make connections between the strategies and skills they learn in this course and the implementation of those strategies and skills in their other coursework. Upon completion of the course, students will have learned a variety of specific learning skills and strategies, gained greater understanding of their own learning preferences, and become prepared to develop and implement specific learning and study plans for any academic course or other learning needs.

Prerequisite: None

Grade 9-12

Credit: 0.5

Style and Rhetoric*

This course is designed to improve reading and writing. Students will go beyond identifying content (what authors say in their writing) to how they express their thoughts and why they express them the way they do. Students will apply techniques to discover in your critical reading to your own writing as you produce a children's story and write a poem based on a piece of art.

Students will focus on rhetoric (or the art of persuasion), as it exists in advertising and nonfiction. This portion of the course will include the study of persuasive techniques in advertising, illogical arguments and faulty reasoning, and webpage evaluations. The work will culminate with projects that require the application of knowledge of rhetoric to create a parody ad and a mock web page and writing a persuasive essay. In addition to critical reading and related writing, you will master the rules of Standard English and expand your vocabularies by breaking words apart and learning the meanings of various Latin roots. Besides making you a better reader, writer, and thinker, all these areas of study will help prepare you for standardized tests, such as the ACT and college-entrance exams.

Prerequisite: English 9

Grade 10-12

Credit: 0.5

Theater*

Have you ever wondered how a play goes from the playwright's mind all the way into a multi-million dollar Broadway production? In this course, you'll learn the whole process! This course provides a thorough introduction to the theater by providing an overview of major topics in theater studies, with a blend of theoretical and practical lessons. In the first half of this course you will learn about the definitions of theater, theater history, and contemporary theatrical genres! The second half of the course will guide you through all of the elements of putting on a professional theatrical production. You will learn about the entire production process, from playwriting through opening night, including elements of technical theater, the rehearsal process, and audience response. Whether you're an aspiring actor, technician, director, or producer, or even just an avid theater-goer, this course is for you.

Prerequisite: None

Grade 9-12

Credit: 0.5

Work Study*

Students will learn through hands-on job experience as well as lessons online. Students will be required to hold a paid job for the duration of the semester earning work-study credit. A supervisor from the student's place of employment must be willing to communicate with the Work Study Coordinator on a regular basis and provide feedback on student performance. Students will also complete weekly lessons and self-evaluation assignments to learn more about finding, getting, and keeping a job, entrepreneurship, and other pertinent topics.

Prerequisite: None

Grade 9-12

Credit: 0.5

World Religions*

Religion is deeply seated in the collective experiences of the human race. Each culture has intrinsic values that define it. In turn, those intrinsic values are expressed in the religions of that culture. To understand the religion, it must be viewed in the context of its creation and development in historical

times. This is not to say that religion is a man-made creation; yet it reflects what is divine in each race, culture, and individual. The major religions of the world form the basis for the course and each is linked to a value that is esteemed most highly by the respective religions. The student will not only understand the historical and cultural basis for religions, but will also examine the value in the context of his or her own life. Such application explains why this course is considered part of the character education series.

Prerequisite: None

Grade 9

Credit: 0.5

HIGH SCHOOL ENGLISH

*Indicates a ONE SEMESTER course- offered either semester.

[1, 2] and [A, B] indicate semester, and varies by vendor.

Semester 1= [1] or [A]. Semester 2= [2] or [B].

American Literature [1,2]

American Literature is a one-credit course divided into a Semester I and Semester II segments. In this course students will be reading and interacting with various works from the American literary canon in order to develop an understanding of how literature can reflect the characteristics of a nation. The course takes a chronological approach to the study of American literature. As students read, they will be asked to reflect on the literary pieces in a variety of ways, think critically about the themes brought to light by the works read, and consider how these themes impact the world students live in today. In essence, the goal of this course is to help bridge the gap of relevance between American literature from all periods and the life students live today. The first semester of this course will cover the periods from approximately the 1500's to The American Revolution to Present Day.

Prerequisite: English 9

Grade 10-12

Credit: 0.5 per semester

British and World Literature [1,2]

British and World Literature is a streamlined survey of British literature that illustrates the origins of English-language literature and reflects its reach beyond the British Isles. The course is standards-based. Each activity correlates to state standards in six core areas: reading, writing, language (appreciation and aesthetics), listening and speaking, viewing and representing (including media literacy), and research. The course gives students meaningful practice in fundamental literacy skills while introducing them to classics of British and world literature. Throughout the course, students are encouraged to think and respond independently, critically, and creatively to the subject matter, whether it's a work of literature, a piece of nonfiction writing, or a media work. The course emboldens students to approach these works — both on their own terms and within a larger context — while providing them with the tools and encouragement they need in order to do so. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. Select activities target text-handling skills and promote improved performance on commonly assessed literary analysis and response standards. Study sheets support engagement with direct instruction and develop note-taking and study skills. The content is based on the National Council of Teachers of English (NCTE) standards and is aligned to state standards.

Prerequisite: English 10

Grade 12

Credit: 0.5 per semester

Composition I *

This course provides students the opportunity to practice and hone writing skills. Students will participate in a variety of writing assignments including show vs. tell, description, narration, definition/negation, classification, metaphor, and problem/solution. In addition to writing essays, students will strengthen their knowledge of mechanics, usage, and grammar through mini lessons and writing practice.

Prerequisite: English 9

Grade 10-12

Credit: 0.5

Creative Writing*

The purpose of this course is to enable students to develop and use fundamental writing and language skills for creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style. Students will analyze literary models and engage in peer review techniques.

Prerequisite: None

Grade 10

Credit: 0.5

Gothic Literature [1,2]

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. By the time students have completed this course, they will have gained an understanding of and an appreciation for the complex nature of dark fiction.

Prerequisite: None

Grade 10-12

Credit: 0.5 per semester

Journalism*

If you're the first to know what's going on in your school or town, or the first to post on Facebook or Instagram about your favorite TV shows or favorite celebrities, then you're just the person that every online, in-print, and broadcast news outlet is looking for. And Journalism: Investigating the Truth is the perfect course for you! 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.

Prerequisite: None

Grade 9-12

Credit: 0.5

Language Arts 9 [A, B]

English for grade 9 is an integrated curriculum. Each unit contains thematically related lessons in five domains: reading and the study of literature, reading informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. Topics are presented in ways that help young adolescents relate literacy skills to other aspects of their lives. Writing assignments include narrative, expository, and persuasive/argumentative modes and emphasize the use of details and reasoning to support ideas. Speaking and listening lessons in Semester A emphasize collaborative discussion skills and peer review. Vocabulary development instruction is integrated into literature and informational text lessons. Each unit ends with an authentic assessment that presents students with a real-world scenario requiring some of the skills they learned in the unit.

This course has required materials. Please contact your student services coordinator.

Also available for honors. Please request through your student services coordinator.

Prerequisite: None

Grade 9

Credit: 0.5 per semester

Language Arts 10 [A, B]

English for grade 10 is an integrated curriculum, with each unit consisting of thematically related lessons in five domains: analyzing literature, analyzing informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. The skills that students practice for this course are similar to the skills in English 9 but require more independence and depth of thought. An introductory lesson at the start of each unit helps students identify any areas of weakness and review those topics before starting the more challenging grade 10 lessons. Writing assignments required in Semester A of this course include fiction, expository, and persuasive, and analytical modes, emphasizing the use of details, evidence, and reasoning to support ideas. Speaking and listening lessons in Semester A cover collaborative discussion skills, the peer review process, and how to plan and deliver informative speeches and presentations. Vocabulary development instruction is integrated into literature and informational text lessons. Each unit ends with an authentic assessment that presents students with a real-world scenario requiring some of the skills they learned in the unit.

This course has required materials. Please contact your student services coordinator.

Also available for honors. Please request through your student services coordinator.

Prerequisite: Language Arts 9

Grade 10

Credit: 0.5 per semester

Language Arts 11 [A, B]

English for grade 11 is an American Literature course, with units organized chronologically according to periods in literary history. As students read foundational works of literature and other historical documents written between 1600 and 1900, they'll review and extend skills in five domains: analyzing literature, analyzing informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. Each module or unit begins with a lesson that provides historical context for the era and introduces themes that emerged in the literature of that era. Each

lesson provides students with an opportunity to review basic 27 analysis skills before applying those skills to works of literature or key historical documents. Lessons focused on more difficult historical documents include activities that help students comprehend the complex ideas in these works. This course has required materials. Please contact your student services coordinator.

Also available for honors. Please request through your student services coordinator.

Prerequisite: Language Arts 9 & Grade 11
10
Credit: 0.5 per semester

Language Arts 12 [A, B]

English 12A focuses on learning to write with confidence and mastery. Emphasis is placed on building language flexibility, improving sentence structure, and mastering the writing process. Students create, revise, and edit six writing projects that are designed to help them take their writing to the next level. As an Honors course, emphasis is placed on project-based instruction and increased reading and writing opportunities. In this thought-provoking writing course, students prepare themselves for the demands of college and/or the job market by developing their writing skills. Through text readings, videos, interactive PowerPoint presentations, practice activities, workbook questions, interactive skills challenges, discussions, writing projects, and other activities students demonstrate their mastery of the writing process. Students will integrate the 6-Traits of Writing (i.e., ideas and content, organization, voice, word choice, sentence fluency, and conventions) to all of their writing. In the English 12A course, emphasis will be placed on additional reading and writing project-based instruction. Students will create projects including a short story, expository essay, functional document, persuasive essay, literary analysis, and research paper. Through the engaging activities in English 12A Honors, students become more mature and accomplished writers.

This course has required materials. Please contact your student services coordinator.

Also available for honors. Please request through your student services coordinator.

Prerequisite: Language Arts 9, Grade 12
10, & 11
Credit: 0.5 per semester

Media and Communication*

From banner ads to billboards, newspaper articles, and Facebook feeds, people are constantly sharing ideas. This course looks at the many facets of mass media. Students will learn how the media shapes every aspect of our lives. We examine the role of newspapers, books, magazines, radio, movies, television, and the growing influence of Facebook, YouTube, and Twitter.

Prerequisite: None
Grade 9
Credit: 0.5

Mythology and Folklore*

Mighty heroes. Angry gods and goddesses. Cunning animals. Mythology and folklore have been used since the first people gathered around the fire as a way to make sense of humankind and our world. This course focuses on the many myths and legends woven into cultures around the world. Starting with an overview of mythology and the many kinds of folklore, the student will journey with ancient heroes as they slay dragons and outwit the gods, follow fearless warrior women into battle and watch as clever animals outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how they are still to shape society today.

Prerequisite: None
Grade 9-12
Credit: 0.5

Research *

The purpose of this course is to enable students to develop fundamental knowledge of the steps in the research process. This multidisciplinary course offers students the ability to choose among research topics as they relate to various fields such as science, history, and literature. The course promotes research skills and students gain the ability to evaluate research claims made in the media, literature and other sources. The major concepts covered in this course are:

Intro to technology & research
How is technology developed

How technology affects our lives
Science & technology
Quantitative research
Evaluating Journal Articles
Technology case study
Powerpoint project & presentation
Prerequisite: None

Grade 10-12

Credit: 0.5

Speech *

In this interactive course, students will acquire listening, speaking, and viewing skills involved in preparing and delivering effective communication. Students will also learn analytical skills for viewing speeches and media messages. This course covers organization, logic, analysis, speaking, and writing skills involved in the creation, delivery, and evaluation of communication in a variety of formats and situations.

Prerequisite: None

Grade 10

Credit: 0.5

Style and Rhetoric *

This course is designed to improve reading and writing. Students will go beyond identifying content (what authors say in their writing) to how they express their thoughts and why they express them the way they do. Students will apply techniques to discover in your critical reading to your own writing as you produce a children's story and write a poem based on a piece of art.

Students will focus on rhetoric (or the art of persuasion), as it exists in advertising and nonfiction. This portion of the course will include the study of persuasive techniques in advertising, illogical arguments and faulty reasoning, and webpage evaluations. The work will culminate with projects that require the application of knowledge of rhetoric to create a parody ad and a mock web page and writing a persuasive essay. In addition to critical reading and related writing, you will master the rules of Standard English and expand your vocabularies by breaking words apart and learning the meanings of various Latin roots. Besides making you a better reader, writer, and thinker, all these areas of study will help prepare you for standardized tests, such as the ACT and college-entrance exams.

Prerequisite: English 9

Grade 10-12

Credit: 0.5

HIGH SCHOOL HEALTH

*Indicates a ONE SEMESTER course- offered either semester.

[1, 2] and [A, B] indicate semester, and varies by vendor.

Semester 1= [1] or [A]. Semester 2= [2] or [B].

Exercise Science*

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 and 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.

Prerequisite: PE I

Grade 10-12

Credit: 0.5

Health [A, B]

In this class students acquire skills, fitness, attitude, and knowledge to lead a healthy life. Health A focuses on the impact of personal decisions and healthy well-being. Topics include: peer pressure, self-esteem, nutrition, drugs, and alcohol. To lead a healthy life, a person must have an understanding of the impact of their choices, how to reject peer pressures, and the effects of nutrition. Teens face a difficult transition into young adulthood and this course helps them have an understanding of these changes. This course offers information, suggestions, and examples to help guide a young teen into adulthood with the necessary information. Students will complete writing projects that allow them to express their feelings and thoughts regarding pressures, nutrition, and exercise.

Please note, Health B is more aligned with health courses offered within school district buildings.

Prerequisite: None

Grade 10

Credit: 0.5 per semester

Health Opportunities through Physical Education [1], [2]

Health Opportunities through Physical Education (HOPE) combines instruction in health and physical education in a full-year, integrated course. It focuses on developing skills, habits and attitudes to maintain a healthy lifestyle and applying lessons learned to physical fitness. Through active participation and real-world simulations, the course aims to demonstrate firsthand the value of conscientious lifestyle management. HOPE lays a foundation for making healthy decisions by building seven skills: accessing valid health information; analyzing internal and external influences; self-management; interpersonal communication; decision-making; goal setting; and advocacy. Students apply these skills to a variety of topics throughout the course, including mental and social health; physical activity; nutrition; substance prevention; disease and disorders; injury prevention and safety; and personal health. HOPE requires routine participation in adult-supervised physical activities. Successful completion of this course will require parent/legal guardian sign-off on student-selected physical activities on weekly participation reports to verify the student is meeting his or her requirements and responsibilities. This course is based on and aligns to the National Science Teachers Association (NSTA) standards and the Florida Next Generation Sunshine State Standards for health and physical education.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Health and Personal Wellness*

This course covers the required areas of health with the emphasis on applying knowledge and values that affect health related behaviors. Topics covered include personal health, nutrition, mental and emotional health, prevention and control of disease, substance use and abuse, community and environmental health, accident prevention and safety, consumer health, and family life education. In this course students have an opportunity to develop or enhance health related skills important in making decisions for healthy and effective living. Through the study of real life issues, the goal is for students to form healthy attitudes and behaviors that promote personal development, health and well-being.

Prerequisite: None

Grade 9-12

Credit: 0.5

Life Skills*

This course allows students to explore their personality type and interests, as well as refine important skills that will benefit them throughout their lives. This includes personal nutrition and fitness skills, time and stress management, communication and healthy relationships, goal setting, study skills, leadership and service, environmental and consumer health, and personal finances. In addition, students explore possible colleges and careers that match their needs, interests, and talents.

Prerequisite: None

Grade 9-12

Credit: 0.5

Nutrition*

This course takes students through a comprehensive study of nutritional principles and guidelines. Students learn about worldwide 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.

Prerequisite: PE I

Grade 9-12

Credit: 0.5

Physical Education I *

This course focuses on the fundamental components and principles of fitness. The course examines safety guidelines, proper technique, and exercise principles. Students will assess their current level of fitness in relation to the five components of physical fitness: flexibility, cardiovascular health, muscular strength, muscular endurance, and body composition. Students will also learn strategies to help them begin, design, and maintain an exercise program to keep them fit for life.

Weights, strength training equipment, and a heart rate monitor are helpful, but not required for this course.

Prerequisite: None

Grade 9-12

Credit: 0.5

Physical Education II *

This course will provide the student an opportunity to create an individualized and personally challenging fitness program that will advance the knowledge, confidence, skills and motivation needed to engage in a lifelong active lifestyle. The student will acquire a working knowledge of physical fitness relative to health and skill related fitness components, set personal goals for each of the fitness components based on a personal assessment of their level of physical fitness. Students will identify health problems that are associated with inadequate fitness levels; identify and evaluate sports, fitness, and leisure activities in relation to personal fitness program; interpret and predict potential safety risks of various sport and fitness activities, and analyze different advertising techniques used to influence the purchase of fitness products and services.

For skill testing, the student will need masking tape, a yard stick, 3 sticks (drum stick-sized), stop watch, access to exercise videos, and will need to call or visit a health club or YMCA.

Prerequisite: PE I

Grade 9-12

Credit: 0.5

Running *

This course is appropriate for beginning, intermediate, and advanced runners and offers a variety of training schedules for each. In addition to reviewing the fundamental principles of fitness, students learn about goals and motivation, levels of training, running mechanics, safety and injury prevention, appropriate attire, running in the elements, good nutrition and hydration, and effective cross-training. While this course focuses mainly on running for fun and fitness, it also briefly explores the realm of competitive racing. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving running, as well as elements of resistance training and flexibility.

Prerequisite: PE I

Grade 9-12

Credit: 0.5

Strength Training*

This course focuses on the fitness components of muscular strength and endurance. Students establish their fitness level, set goals, and design their own resistance training program. They study muscular anatomy and learn specific exercises to strengthen each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles and other fundamental exercise principles, such as progression and overload, to strength training. This course also discusses good nutrition and effective cross-training. Students take a pre- and post fitness assessment. Throughout this course students also participate in a weekly fitness program involving strength training, as well as elements of cardio and flexibility.

Prerequisite: PE I

Grade 9-12

Credit: 0.5

Walking Fitness*

This course helps students establish a regular walking program for health and fitness. Walking is appropriate for students of all fitness levels and is a great way to maintain a moderately active lifestyle. In addition to reviewing fundamental principles of fitness, students learn about goals and motivation, levels of training, walking mechanics, safety and injury prevention, appropriate attire, walking in the elements, good nutrition and hydration, and effective cross-training. Students take a pre- and post fitness assessment. Throughout this course students also participate in a weekly fitness program involving walking, as well as elements of resistance training and flexibility.

Prerequisite: PE I

Grade 9-12

Credit: 0.5

HIGH SCHOOL WORLD LANGUAGES

Available AP language courses are listed under AP courses.

*Indicates a ONE SEMESTER course- offered either semester.

[1, 2] and [A, B] indicate semester, and varies by vendor.

Semester 1= [1] or [A]. Semester 2= [2] or [B].

Chinese I [A, B]

Students begin their introduction to Chinese by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning, pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Both Chinese characters and pinyin are presented together throughout the course and specific character practices are introduced. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Chinese-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Also available for honors. Please request through your student services coordinator.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Chinese II [A, B]

Students continue their study of Chinese by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Character recognition and practice are a key focus of the course and students are expected to learn several characters each unit. However, pinyin is still presented with characters throughout the course to aid in listening and reading comprehension. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Chinese-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Also available for honors. Please request through your student services coordinator.

Prerequisite: Chinese I

Grade 9-12

Credit: 0.5 per semester

Chinese III [A, B]

Students continue their study of Chinese by seeking to master their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Character recognition

and practice are a key focus of the course and students are expected to continue to learn several characters each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Chinese-speaking countries, and take frequent assessments where their language progression can be monitored. By semester 2, the course is conducted almost entirely in Chinese. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).
Prerequisite: Chinese II Grade 9-12 Credit: 0.5 per semester

French I [A, B]

Students begin their introduction to French by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Students who have already completed Middle School French 2 should enroll in French II rather than in French I.

Also available for honors. Please request through your student services coordinator.

Prerequisite: None Grade 9-12 Credit: 0.5 per semester

French II [A, B]

Students continue their study of French by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, and take frequent assessments where their language progression can be monitored. By semester 2, the course is conducted almost entirely in French. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Also available for honors. Please request through your student services coordinator.

Prerequisite: French I Grade 9-12 Credit: 0.5 per semester

French III [A, B]

Students continue their study of French by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context

and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, and take frequent assessments where their language progression can be monitored. By semester 2, the course is conducted almost entirely in French. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: French II

Grade 9-12

Credit: 0.5 per semester

French IV [1, 2]

Students further deepen their understanding of French by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in more formal spoken and written contexts. Students should expect to be actively engaged in their own language learning, use correct vocabulary terms and phrases naturally, incorporate a wide range of grammar concepts consistently and correctly while speaking and writing, participate in conversations covering a wide range of topics and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, read and analyze important pieces of Hispanic literature, and take frequent assessments where their language progression can be monitored. The course is conducted almost entirely in French. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: French III

Grade 9-12

Credit: 0.5 per semester

German I [A, B]

Students begin their introduction to German by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Students who have already completed Middle School German 2 should enroll in German II rather than German I.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

German II [A, B]

Students take their mastery to the next level in the four key areas of foreign language study: listening, speaking, reading, and writing. Each unit continues to present a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be more actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and take frequent

assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: German I

Grade 9-12

Credit: 0.5 per semester

German III [1, 2]

Students continue their study of German by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. By semester 2, the course is conducted almost entirely in German. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages). This course requires a microphone and audio recording software.

Prerequisite: German II

Grade 9-12

Credit: 0.5 per semester

German IV [1, 2]

This fourth year course builds upon the first three levels of German. Students will continue to develop their skills in reading, writing, listening and speaking, building vocabulary and grammar skills that move beyond practical scenarios to focus on cultural competency. Exercises based on authentic texts, as well as audio and visual materials from Germany, Austria, and Switzerland, will teach students to think critically and express themselves on topics relevant to German culture, past and present. Topics include: the history of political resistance, current events, environmentalism, multiculturalism, multilingualism, important personalities in the arts, literature and sciences, and profiles of three major cities. This course is aligned with the national ACTFL Foreign Language standards and focuses on the five aspects of foreign language instruction: communication, culture, connections, comparisons, and community. These are the "Five C's of the Foreign Language Education" as outlined in Standards for Foreign Language Learning: Preparing for the 21st Century.

This course requires a microphone and audio recording software.

Prerequisite: German III

Grade 9-12

Credit: 0.5 per semester

Japanese I [1, 2]

This is a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material (Greetings, The date, Time, Colors and Places), students learn to express themselves using an ever increasing vocabulary, present-form verbs, particles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind.

This course requires a microphone and audio recording software.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Japanese II [1, 2]

This is a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material (Greetings, The date, Time, Colors and Places), students learn to express themselves using an ever increasing vocabulary, present-form verbs, particles, and adjectives. Grammar is introduced and

practiced in innovative and interesting ways with a variety of learning styles in mind.

This course requires a microphone and audio recording software.

Prerequisite: Japanese I

Grade 9-12

Credit: 0.5 per semester

Latin I [A, B]

Since mastering a classical language presents different challenges from learning a spoken world language, students learn Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques, combined with a modern multimedia approach to learning grammar, syntax, and vocabulary, provide students with a strong foundation for learning Latin. Each unit consists of a new vocabulary theme and grammar concept, reading comprehension activities, writing activities, multimedia culture, history, and mythology presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on engaging with authentic classical Latin through weekly encounters with ancient passages from such prestigious authors as Virgil, Ovid, and Lucretius. The curriculum concurs with the Cambridge school of Latin; therefore, students will learn ancient high classical styles of pronunciation and grammar in lieu of generally less sophisticated medieval styles, making it possible for students to comprehend the most Latin from the widest range of time periods. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Latin II [A, B]

Students continue with their study of Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques, combined with a modern multimedia approach to learning grammar, syntax, and vocabulary, prepare students for a deeper study of Latin. Each unit consists of a new vocabulary theme and grammar concept, reading comprehension activities, writing activities, multimedia culture, history, and mythology presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on engaging with authentic classical Latin through weekly encounters with ancient passages from such prestigious authors as Virgil, Ovid, and Lucretius. The curriculum concurs with the Cambridge school of Latin; therefore, students will learn ancient high classical styles of pronunciation and grammar in lieu of generally less sophisticated medieval styles, making it possible for students to comprehend the most Latin from the widest range of time periods. Students should expect to be actively engaged in their own language learning, understand and use common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Latin I

Grade 9-12

Credit: 0.5 per semester

Spanish I [A, B]

Students begin their introduction to Spanish by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar

patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages). *Also available for honors. Please request through your student services coordinator.*

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Spanish II [A, B]

Students take their mastery to the next level in the four key areas of foreign language study: listening, speaking, reading, and writing. Each unit continues to present a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be more actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Also available for honors. Please request through your student services coordinator.

Prerequisite: Spanish I

Grade 9-12

Credit: 0.5 per semester

Spanish III [1, 2]

Students continue their study of Spanish by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, and take frequent assessments where their language progression can be monitored. By semester 2, the course is conducted almost entirely in Spanish. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Spanish II

Grade 9-12

Credit: 0.5 per semester

Spanish IV [1, 2]

Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in more formal spoken and written contexts. Students should expect to be actively engaged in their own language learning, use correct vocabulary terms and phrases naturally, incorporate a wide range of grammar concepts consistently and correctly while speaking and writing, participate in conversations covering a wide range of topics and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, read and analyze important pieces of Hispanic literature, and take frequent assessments where their language progression can be monitored. The course is conducted almost entirely in Spanish. The course has been carefully aligned to national standards as set forth by ACTFL

(the American Council on the Teaching of Foreign Languages).

This course requires a microphone and audio recording software.

Prerequisite: Spanish III

Grade 9-12

Credit: 0.5 per semester

HIGH SCHOOL MATHEMATICS

*Indicates a ONE SEMESTER course- offered either semester.

[1, 2] and [A, B] indicate semester, and varies by vendor.

Semester 1= [1] or [A]. Semester 2= [2] or [B].

Algebra I [1, 2]

Algebra I builds students' command of linear, quadratic, and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include problem-solving with basic equations and formulas; an introduction to functions and problem solving; linear equations and systems of linear equations; exponents and exponential functions; sequences and functions; descriptive statistics; polynomials and factoring; quadratic equations and functions; and function transformations and inverses. This course supports students as they develop computational fluency, deepen conceptual understanding, and apply Common Core's mathematical practice skills. Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment. A variety of activities allow for students to think mathematically in a variety of scenarios and tasks. In Discussions, students exchange and explain their mathematical ideas. Modeling activities ask them to analyze real-world scenarios and mathematical concepts. Journaling activities have students reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. And in Performance Tasks, students synthesize their knowledge in novel, real-world scenarios, make sense of multifaceted problems, and persevere in solving them. Throughout the course, students are evaluated by a variety of assessments designed to prepare them for the content, form, and depth of the Common Core assessments. This course is aligned with the Common Core State Standards for Mathematics.

Prerequisite: None

Grade 9

Credit: 0.5 per semester

Algebra II [1, 2]

Algebra II introduces students to advanced functions, with a focus on developing a strong conceptual grasp of the expressions that define them. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include quadratic equations; polynomial functions; rational expressions and equations; radical expressions and equations; exponential and logarithmic functions; trigonometric identities and functions; modeling with functions; probability and inferential statistics; probability distributions; and sample distributions and confidence intervals. This course supports all students as they develop computational fluency, deepen conceptual understanding, and apply Common Core's eight mathematical practice skills. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them. Throughout the course students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of the Common Core assessments. This course is aligned with the Common Core State Standards for Mathematics.

Prerequisite: Algebra I &
Geometry

Grade 11

Credit: 0.5 per semester

Business Math [A, B]

This course is all about math and money-how to earn it and make decisions on spending it. Through projects and discussions, students explore what it means to have income, pay taxes, purchase a vehicle, buy a house, and save for the future. By applying skills in basic algebra, students create a personal budget, do comparison-shopping for large and small purchases, and calculate interest on savings and

borrowed money. The course uses videos as teaching tools and includes plenty of examples, exercises, and engaging simulations for practice. Students are given the opportunity to work with calculators and spreadsheets. Interesting stories from people who work in career fields that use mathematics add authenticity to the course, which engages students and illustrates math's place in the world beyond the classroom.

Prerequisite: None

Grade 9

Credit: 0.5 per semester

Calculus [1], [2]

The Calculus course is a comprehensive look at the study of differential and integral calculus concepts including limits, derivative and integral computation, linearization, Riemann sums, the Fundamental Theorem of Calculus, and differential equations. Applications include graph analysis, linear motion, average value, area, volume, and growth and decay models.

The student will need a TI 84+ graphing calculator.

Prerequisite: Pre-Calculus

Grade 11-12 (Or permission)

Credit: 0.5 per semester

(See special instructions for embedded calculator)

Consumer Math [1, 2]

This comprehensive review and study of arithmetic skills apply to both personal and vocational business opportunities. Topics include whole numbers, fractions, percentages, basic statistics, and graphs. Practical applications in finance, taxes, budgeting, banking and home ownership are provided.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Geometry [1, 2]

Geometry builds upon students' command of geometric relationships and formulating mathematical arguments. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include reasoning, proof, and the creation of sound mathematical arguments; points, lines, and angles; triangles and trigonometry; quadrilaterals and other polygons; circles; congruence, similarity, transformations, and constructions; coordinate geometry; three-dimensional solids; and applications of probability.

This course supports all students as they develop computational fluency, deepen conceptual understanding, and apply Common Core's eight mathematical practice skills. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them. Throughout the course students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of the Common Core assessments. This course is aligned with the Common Core State Standards for Mathematics.

Prerequisite: Algebra I

Grade 10

Credit: 0.5 per semester

Integrated Math 1 [A, B]

Integrated Math 1A continues the exploration of mathematical concepts by extending further into algebra, geometry, and descriptive statistics. The course emphasizes the relationships between quantities and the function rules that describe them. You will learn to represent data in various ways, interpret linear models, and use deductive reasoning to confirm or prove assertions about geometric figures.

Prerequisite: None

Grade 9

Credit: 0.5 per semester

Integrated Math 2 [A, B]

Students in Integrated Math 2A will focus on pulling together and applying the accumulation of learning that they have acquired from their previous math courses. They will apply methods from probability and statistics; expand their repertoire of functions to include polynomial, rational, and radical functions; and

expand their study of right triangle trigonometry. In addition, they will bring together all of their experience with functions and geometry to create models and solve contextual problems.

Prerequisite: None

Grade 10

Credit: 0.5 per semester

Integrated Math 3 [A, B]

Students in Integrated Math III will focus on pulling together and applying the accumulation of learning that they have from their previous courses. They will apply methods from probability and statistics.

Students will expand their repertoire of functions to include polynomial, rational, and radical functions.

They will expand their study of right triangle trigonometry. Students will use all of their experience with functions and geometry to create models and solve contextual problems.

Prerequisite: None

Grade 11

Credit: 0.5 per semester

Math Foundations I [1], [2]

Math Foundations I offers a structured remediation solution based on the NCTM Curricular Focal Points and is designed to expedite student progress in acquiring 3rd- to 5th-grade skills. The course is appropriate for use as remediation for students in grades 6 to 12. When used in combination, Math Foundations I and Math Foundations II (covering grades 6 to 8) effectively remediate computational skills and conceptual understanding needed to undertake high school-level math courses with confidence. Math Foundations I empowers students to progress at their optimum pace through over 80 semester hours of interactive instruction and assessment spanning 3rd- to 5th-grade math skills. Carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students to understand areas of weakness and improve performance, while summative assessments chart progress and skill development. Early in the course, students develop general strategies for honing their problem-solving skills. Subsequent units provide a problem-solving strand that asks students to practice applying specific math skills to a variety of real-world contexts. The content is based on the National Council of Teachers of Math (NCTM) April 2006 publication, Curricular Focal Points for Prekindergarten through Grade 8 Mathematics: A Quest for Coherence, and is aligned with state standards.

Prerequisite: None

Grade 6-12

Credit: 0.5 per semester

Math Foundations II [1], [2]

Based on the NCTM Curricular Focal Points, Math Foundations II is designed to expedite student progress in acquiring 6th- to 8th-grade skills. The course is appropriate for use as remediation at the high school level or as middle school curriculum. The program simultaneously builds the computational skills and conceptual understanding needed to undertake high school-level math courses with confidence. The course's carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students to understand areas of weakness and improve performance, while summative assessments chart progress and skill development. Early in the course, students develop general strategies for honing their problem-solving skills. Subsequent units provide a problem-solving strand that asks students to practice applying specific math skills to a variety of real-world contexts. The content is based on the National Council of Teachers of Math (NCTM) April 2006 publication, Curricular Focal Points for Prekindergarten through Grade 8 Mathematics: A Quest for Coherence, and is aligned with state standards.

Prerequisite: None

Grade 6-12

Credit: 0.5 per semester

Pre- Algebra [A, B]

Pre-Algebra A will help students move from the world of simple mathematics to the exciting world of Algebra and Geometry. They will develop skills that will be necessary throughout their life. Students will stretch their thinking by learning to solve real world problems. Learning math and algebra concepts can be fun. Abstract ideas can be challenging for many students but the challenge is one they can meet. Concepts are presented with a little humor, making the learning fun. Students will enjoy learning each new concept and develop a deeper understanding of the math skills they already have. Each concept is presented using examples of the skills, concepts, and strategies students will need. Scaffolding of ideas is provided to ensure student learning. The course is offered in a six-unit format containing 5 lessons

each for a total of 30 lessons. Students will study text pages, watch videos, interact with flash presentations, and complete practice problems. The pace is controlled by the student and reviewing the material is encouraged.

Prerequisite: Math 7

Grade 8

Credit: 0.5 per semester

Pre-Calculus [1, 2]

The purpose of this course is to investigate the major topics in Pre-Calculus and to prepare students to continue on to Calculus. After completing this course, students will understand polynomial functions, polar coordinates, complex numbers, conic sections, exponential functions, logarithmic functions, sequences, and series.

The student will need a TI-84 +, TI-83, or TI-83+ calculator.

Prerequisite: Algebra I, Algebra

Grade 11-12

Credit: 0.5 per semester

II, Geometry

Probability and Statistics*

Students learn counting methods, probability, descriptive statistics, graphs of data, the normal curve, statistical inference, and linear regression. Proficiency is measured through frequent online and offline assessments, as well as asynchronous discussions. Problem-solving activities provide an opportunity for students to demonstrate their skills in real-world situations.

Prerequisite: 3 Years of High

Grade:12

Credit: 0.5

School Math

Trigonometry *

Trigonometry can be thought of as a specialized study of Geometry. Focusing on the study of triangles, angles, and trigonometric functions, it provides students with experience in advanced mathematic concepts. From a practical point of view, students see how measurements and formulas shed light on everyday life. They find that trigonometry can save a life on a raft, predict astronomical events, and locate a forest fire. In this course, the student discovers the power of measuring triangles called Trigonometry. The student is led to think about how triangles appear everywhere in a triangular garden, the joists for a pointed roof, a corner desk, or triangular tiles. Some triangles are imaginary, such as the one formed by lines connecting the earth, the sun, and the moon. In Advanced Math A students are given tools to solve triangles that can shed light on the workings of the universe or save a life here on Earth. The skills the student gains in this course are useful throughout all of mathematics, as well as other fields such as astronomy, geology, surveying, engineering, and architecture. The course consists of six units of five lessons each that cover the basic concepts and applications of Trigonometry. Each lesson has several activities that all contribute to an exploration of new mathematical concepts. The activities also help the student think creatively and critically about each topic. Teacher feedback is provided and available throughout the course.

Prerequisite: Geometry

Grade 11

Credit: 0.5

HIGH SCHOOL SCIENCE

*Indicates a ONE SEMESTER course- offered either semester.

[1, 2] and [A, B] indicate semester, and varies by vendor.

Semester 1= [1] or [A]. Semester 2= [2] or [B].

Anatomy & Physiology*

This course is designed to give a foundation to students interested in a career in the health sciences. The major tissues, organs, and organ systems of the human body are described, as well as their contribution to the health of the individual. The risks and benefits of various behaviors are also evaluated in the light of their contribution or detracting from body functions. The study of the human body involves more than just its anatomy, but also an understanding of the roles each part plays and how each contributes to system and holistic wellness. The basic plan of the course is to examine each of the organ systems, including the skeletal, muscular, integumentary (skin), circulatory, respiratory, immune, digestive, excretory, nervous, sensory, endocrine, and reproductive systems. Each system is presented at the molecular, cellular, organ and system levels. The regulation and coordination of these systems constitutes physiology, which is the major part of the laboratory investigations associated with the course. The systems in the body are regulated by an elaborate series of feedback loops. After completing the course, students will have a foundation for more specialized studies in the health sciences.

Prerequisite: Biology or
Honors Biology

Grade 11

Credit: 0.5

Astronomy [1], [2]

This course is a survey of descriptive astronomy; this course provides an understanding of the solar system, the night sky, and some of the practical aspects of astronomy. Topics covered include the earth-moon-sun relationships, the structure and dynamics of the solar system, stars and their properties, and the cosmology of the universe. Also, included is the historical development of astronomy and the role human behaviors and beliefs have played in its development.

This course requires that the student take a picture and submit it as part of an assignment.

Prerequisite: None

Grade: 10-12

Credit: 0.5 per semester

Biology [A, B]

Biology A introduces students to the scientific method and the major concepts of biology from an historical and practical viewpoint. The three major themes of this course are the cell, the molecular basis of heredity, and the interdependence of organisms. Students who take this class will have a deeper appreciation for the complexities of living organisms. Life on this planet, unlike anywhere else in the observable universe, is complex and highly organized. Whether examining life on the molecular or the planetary level, it exhibits a highly organized structure that inspires awe by its genius and complexity. In the last 50 years, discoveries have launched new branches of biology that have transformed the daily routine, from conception to death. New challenges await, such as the current crisis in ecology, global warming, and the resurgence in viral disease. To make rational choices in the 21st century, the citizen must have a basic understanding of biological concepts and the reasoning behind them. Biology A is presented in a multimedia format using interactive modules, labs, narrated animation, text, and videos to present the study of life on this planet. Students work through and complete several self-check activities and quizzes for practice, and participate in self-reflection. In each unit, students complete the unit exam and deliver a unit project. Teacher feedback is provided throughout the course.

This course has required materials. Please contact your student services coordinator.

Prerequisite: None

Grade 9

Credit: 0.5 per semester

Botany and Zoology*

The plant and animal kingdoms may not be the majority of life on Earth, but they are the most interesting for humans. This course focuses on the comparative anatomy and physiology of multicellular organisms. The study of plants and animals, respectively called botany and zoology, gives an idea of the

diversity of life on the planet. The diversity of living forms staggers the mind. However, there are patterns in the diversity that make biology comprehensible. For example, all multicellular organisms use the same basic organizational plan of cells, tissues, and organs, though each species develops the plan to accommodate its particular niche. This course provides an overview of the patterns that are used by plants and animals to grow, reproduce, and adapt. The three major topics are plants, invertebrate animals, and the vertebrates. The student will soon recognize that the basic solutions to life's challenges are solved in predictable ways by the various groups of multicellular organisms, and begin to see consistencies between the flora and fauna of this planet. This course is designed to prepare students for further studies in biology and environmental science.

Prerequisite: Biology

Grade 10

Credit: 0.5

Chemistry [A, B]

Chemistry A covers the basic principles and properties of matter. Students discover how to measure and calculate the various elements and explore chemical formulas. Knowing what makes up our world is an important part of living in it. To understand the big world of nature as well as the small world of the kitchen, the science of chemistry is needed. Chemistry studies the matter and its reactions that power industry and life. Chemistry is often called the mother science since it is used in every other natural science. The myriad of materials that make up our planet all react according to a few understandable principles. Learning such principles will enable the student to comprehend the chemical kaleidoscope of the world. Students work through and complete several self-check activities and quizzes for practice, and participate in self-reflection. In each unit students complete the unit exam and deliver a unit project. Teacher feedback is provided throughout the course.

This course has required materials. Please contact your student services coordinator.

Prerequisite: Algebra I,

Grade 10

Credit: 0.5 per semester

Geometry

Earth Science [A, B]

The first three modules of Semester 1 cover Scientific Inquiry, the Structure and Composition of the Universe, and the Features of the Solar System. Students learn the importance of scientific inquiry and how to communicate the results of scientific investigations. They then have material on the formation of the universe, including the Big Bang Theory, the motions of celestial objects, and stellar evolution. The third module covers material related to the Solar System, including features of the Sun and the planets and the movements of Earth. The second three modules of Semester 1 cover Weather, Climate, and Earth's Water Cycle. Students first learn in Module 4 about the atmosphere and clouds, as well as the factors that influence local and global climate. In Module 5 they continue by learning about weather and air masses, meteorology and storms. Module 6 then discusses the water cycle, including groundwater and ocean features, as well as water scarcity and pollution.

This course has required materials. Please contact your student services coordinator.

Prerequisite: Pre-Algebra,

Grade 9

Credit: 0.5 per semester

Physical Science 8

Environmental Science*

The human population on Earth continues to increase, raising concerns over the ability of the planet to accommodate its inhabitants. The impact that life has on the dynamic processes of Earth, a changeable planet, and its material cycling are studied in Environmental Science. In the coming years, Environmental Science will become a more important part of every human's education to keep both the population and the planet in healthy balance with each other. Environmental Science combines elements of Earth Science with ecology, evolution, and technology to educate humanity on the pressing concerns of our planetary host. While Earth is an ideal place for our home, it has its limits and demands to continue a healthy relationship with its living inhabitants. The rapid expansion of the human population in recent centuries does not seem likely to lessen until environmental catastrophes or technological breakthroughs occur. Obviously, we all hope for technology that will avert a catastrophe, yet rational decisions based on real science must constitute the major thrust of any strategy for environmental sustainability. Familiarity with the environmental issues therefore becomes a major responsibility of all

citizens of Planet Earth.

Prerequisite: Biology

Grade 11

Credit: 0.5

Marine Science*

About 70% of the Earth is covered by water. Even today, much of the world's oceans remain unexplored. Marine scientists make exciting new discoveries about marine life every day. In this course, students will discover the vast network of life that exists beneath the ocean's surface and study the impact that humans have on the oceans.

Prerequisite: None

Grade 9

Credit: 0.5

Medicine*

This course provides students with an introduction to healthcare, with emphasis on modern, clinical medicine. Students review basic human anatomy and physiology, then study major health concerns affecting people in the U.S. and the world. This comprehensive, 10-unit course examines such topics as infectious diseases, cancer, traumatic injuries, and healthcare career opportunities.

Prerequisite: None

Grade 9

Credit: 0.5

Physical Science [A, B]

This is an introduction to the Physical Sciences and scientific methodology. The objectives are to impart a basic knowledge of the physical properties and chemistry of matter. Skills are developed in the classroom, and reinforced through homework reading, and interesting labs that relate to everyday life. This course has required materials. Please contact your student services coordinator.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Physics [A, B]

This course is a survey of the major themes of physical science including atomic theory, dynamics, energetics, thermodynamics, electricity, quantum mechanics, and particle physics. Interactive demonstrations and virtual labs allow the student to visualize and explore the laws and theories of physics. Scientific history, methods of exploration, and philosophy are also presented. Before Newton, the world was magic and the stars were incomprehensible. Newtonian physics made the universe predictable, like the workings of a clock. However, as Maxwell, Einstein, and their colleagues looked afresh at the universe, it became magical again, full of unexpected twists and counterintuitive turns. Physics has become an exercise of the mind more than of the lab. Unless one knows the history and logic behind modern physics, the universe may again become incomprehensible. Knowing modern physics, students can better understand the reality and magic of the universe. In Physics A, the student will work through and complete several self-check activities and quizzes for practice, and participate in self-reflection. In each unit students complete the unit exam and deliver a unit project. Teacher feedback is provided throughout the course.

Also available for honors. Please request through your student services coordinator.

Prerequisite: Algebra I,

Grade 11

Credit: 0.5 per semester

Geometry

HIGH SCHOOL SOCIAL STUDIES

In compliance with the 2015 WI Act 55 (Section 3266R, 118.33(1m)(a)1.), all graduating JEDI Virtual School students, beginning with the class of 2017, must complete a civics test comprised of 100 questions that are identical to the 100 questions that may be asked of an individual during the process of applying for U.S. citizenship by the United States Citizenship and Immigration Services and the pupil correctly answers at least 60 of those questions.

*Indicates a ONE SEMESTER course- offered either semester.

[1, 2] and [A, B] indicate semester, and varies by vendor.

Semester 1= [1] or [A]. Semester 2= [2] or [B].

American Government*

American Government provides the student with the basic knowledge of the history and philosophy of the United States government, and the principles, which guide our democracy. The student examines the United States Constitution to answer questions and determine the facts of government. The course focuses on the functions and duties of the three branches of government, which are the legislative, executive, and judicial. Special attention is given to political participation, the rights and responsibilities of citizenship and government systems of the world. American Government uses the view of political institutions to explore the history, organization, and functions of the U.S. government. It offers students learning opportunities that build one on another. A goal of the course is for the student to develop the critical skills of analysis, synthesis, and evaluation in a demanding and thoughtful academic setting. Students are encouraged to use their knowledge of the organizations and management of governing to develop their own views on current political issues. They are taught how to apply what they have learned into civic action. The course looks closely at the political knowledge and values of the country and gives students a look into the problems faced by presidents, congressional representatives, and other political activists. It also covers the roles of political parties, interest groups, and the media in shaping the government. The Supreme Court is presented as the Voice of Reason in the balance of powers. Students are encouraged to perform at higher levels as they are presented with historical documents and additional readings, work with a set of facts arranged by theme, and become skillful in note-taking.

This course is also available for honors. Please request through your Student Services Coordinator.

Prerequisite: None

Grade 9

Credit: 0.5

American History [A, B]

This course covers the discovery, development, and growth of the United States. Major topics include; American Indian cultures, European colonization of the Americas, and the causes and effects of the American Revolution. Geographical, economic, and political factors are explored as the key factors in the growth of the United States of America. American History I is a survey of the struggle to build the United States of America from the colonial period to the beginning of the twentieth century. By means of reading, analyzing, and applying historical data, students come to appreciate the forces that shaped our history and character as an American people. Not only are the topics of American history discussed, but students also explore research methods and determine accurate sources of data from the past. Knowing the facts and dates of history are just the beginning: each student must understand how history affects him or her.

This course is also available for honors. Please request through your student services coordinator.

Prerequisite: None

Grade 11

Credit: 0.5 per semester

Anthropology*

This class is designed to look at both the social and physical areas of anthropology. Topics included will be the nature of culture, the organization of social relations, archeology, human evolution, and the relationships between values and behavior. Attention to the human use of culture in adapting to environments and to language, technology, kinship, and religion as cultural systems. Students will

participate in case studies of Western and Non-Western peoples, historic and pre-historic cultures.

This course requires access to a scanner.

Prerequisite: None

Grade 10-12

Credit: 0.5

Archaeology *

This course has all of the instructional design features of the Anthropology class and complements and supports this fascinating area of historical inquiry. Archaeology is the scientific study of past human culture and behavior, from the origins of humans to the present. Archaeology studies past human behavior through the examination of material remains of previous human societies. These remains include the fossils (preserved bones) of humans, food remains, the ruins of buildings, and human artifacts—items such as tools, pottery, and jewelry. From their studies, archaeologists attempt to reconstruct past ways of life. Archaeology is an important field of anthropology, which is the broad study of human culture and biology. Archaeologists concentrate their studies on past societies and changes in those societies over extremely long periods of time.

This course requires access to a scanner.

Prerequisite: None

Grade 10-12

Credit: 0.5

Civics*

In this course students will understand the significance of government, law, and politics. They will examine the United States foundational documents and how they shaped the United States government. Students will examine the purposes and functions of federal, state and local government, the justice system, political systems the environment, and the economy. Learners will evaluate their role and civic responsibility to their families, communities, and country including voting and being a productive member of society. Students will get to know leaders and influential people that have championed many causes including civil rights and the environment. Learners will also learn proper ways to interact in society including interpersonal skills and respecting differences in others including disabilities. Learners will follow a step-by-step approach for successfully completing each lesson, which includes textbook reading, interactive activities, supplemental reading, lecture, video clips, and Power Point presentations to enhance and reinforce learning. Learners receive frequent feedback from teacher and peers through discussions. By the end of the course students will have a deep understanding of their civic responsibilities as well as the difference one individual can make in society.

Prerequisite: None

Grade 9

Credit: 0.5

Contemporary World Issues [1, 2]

Students analyze governments, economies, peoples, and cultures from around the world in this course. Instruction emphasizes the structures and policies of the United States and how they compare to other systems in the international community. Students apply critical thinking and research skills to examine current events and contemporary issues, including human rights, the strengths and weaknesses of globalization, America's role in the international economy, the severe environmental threats facing many regions around the world today, how religion is often used to facilitate and justify violence, and America's "War on Terror" and its impact on the Middle East and Islamic culture.

Prerequisite: None

Grades 9-12

Credit: 0.5 per semester

Economics*

This course introduces the principles and the applications of economics in everyday life. Students develop an understanding of limited resources, and compare it with unlimited wants and needs. Students learn how individual and national economic decisions are made to allocate goods and services among competing users. Students apply economic principles to think and problem solve. The study of Economics uses the view of economic institutions and policies to explore the history, organization, and functions of the U.S. government in controlling our economy. It offers students learning opportunities that build one on another. A goal of the course is for the student to develop the critical skills of analysis, synthesis, and evaluation in a demanding and thoughtful academic setting. Students are encouraged to use their knowledge of the policies and institutions of economics to develop their own views on current

economic and monetary issues. They are taught how to apply what they have learned into personal financial activities. The course looks closely at the economic knowledge and values of the country and gives students a look into the problems faced by presidents, and congressional representatives. It also covers the roles of political activists, political parties, interest groups, and the media in shaping the U. S. economy. The Supreme Court is presented as the voice of reason in the balance of powers. Students are encouraged to perform at higher levels as they are presented with historical documents and additional readings, work with a set of facts arranged by theme, become skillful in note-taking, and join in student discussions. Students develop and demonstrate their writing skills by preparing extended research-based papers.

This course is also available for honors. Please request through your student services coordinator.

Prerequisite: None

Grade 11

Credit: 0.5

Psychology*

The purpose of this course is to investigate why human beings think and act the way they do. This is an introductory course and will broadly cover several areas. Students will be expected to expand and go further into the topics. Theories and current research will be presented for the student to critically evaluate and understand. Each unit will present the terminology, theories and research that are critical to the understanding of the topic. Assignments and assessments will be included as well as tutorials and interactive drills.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Sociology [A, B]

Sociology is much more than conducting surveys or analyzing census data. Sociology is all about studying people and the groups they are part of. Sociology examines social trends and cultural changes. It involves asking questions and solving problems. Questions such as, what causes social inequalities, poverty, racism, or sexism. In Sociology A the student will be introduced to the origins, research methods, and the work of sociologists. Sociology is sometimes thought to be people conducting surveys or interviewing various members of a neighborhood to learn more about their lives. Some think it is simply people analyzing census data. These things are important, but the study of sociology includes much more. Sociology is all about studying people and the groups they are a part of, as well as studying social trends and cultural changes. Studying sociology also means looking at why things are the way they are, and the relationship between humans and the world around them. Sociology involves asking questions and solving problems. Sociologists are mainly interested in the scientific study of social inequalities-like poverty, delinquency, racism, and sexism-and their implications for public policy.

Also available for honors. Please request through your student services coordinator.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

US Government and Politics*

U.S. Government and Politics offers a tightly focused and scaffolded curriculum that uses the perspective of political institutions to explore the history, organization, and functions of the U.S. government. Beginning with basic theories of government, moving to the Declaration of Independence, and continuing to the present day, the course explores the relationship between individual Americans and the governing bodies. It covers the political culture of the country and gains insight into the challenges faced by presidents, congressional representatives, and other political activists. It also covers the roles of political parties, interest groups, the media, and the Supreme Court. U.S. Government and Politics is designed to fall in the fourth year of social studies instruction. Students perfect their analytic writing through a scaffolded series of analytic assignments and written lesson tests. Students read annotated primary documents and apply those documents to the course content. The content is based on standards from the National Council for History Education (1997), the National Center for History in the Schools (1996), and the National Council for Social Studies (1994) and is aligned to state standards.

Also available for honors. Please request through your student services coordinator.

Prerequisite: None

Grade 9-12

Credit: 0.5

World Civilizations

This course is an overview of the increasing interrelationships of the world's peoples from early and classical civilizations, the Age of Discovery, and early modern and contemporary societies through the 20th century.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

World Geography and Cultures [A, B]

The content of World Geography and Cultures A covers the physical landforms, climate and vegetation, and cultures of the United States, Canada, Latin America, Europe, and Russia through map reading, videos, text reading, interactive learning tools, exams, classroom discussion, and researched writing projects. The course is a study of the effects of physical and human geography in the development of cultures. It is designed to engage students through inquiry by questioning, investigation, and critical thinking about issues affecting the world and people's lives, now and in the future. Virtual fieldwork is an essential element of this. Students learn to think spatially and use maps, visual images, and new technologies, including geographical information systems (GIS) to obtain and analyze information. They are challenged to consider more than just facts about who lives where and the problems those people face as a culture. They are also asked to analyze the current culture to determine how it developed and then, based on their analysis, suggest a possible future for the populations living there. The goal of the course is for the student to become a global citizen by exploring their own place in the world, their values, and their responsibilities to other people, to the environment and to the sustainability of the planet.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

World History [A, B]

World History begins with a focus on the skills needed to read, understand, and analyze history, also demonstrating how historians and social scientists arrive at their conclusions about human history. Semester A covers the history of civilization from hunter-gatherer societies through the characteristics of the earliest civilizations to the Enlightenment period in Western Europe. The second half of Semester A explores early intellectual, spiritual, and political movements and their impact on interactions among world cultures.

This course is also available for honors. Please request through your student services coordinator.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

World History Since the Renaissance [1, 2]

World History since the Renaissance covers the development of civilizations around the world from the Renaissance to the present. The course covers major themes in world history, including the development and influence of human-geographic relationships, political and social structures, economic systems, major religions and belief systems, the effects of science and technology, the vital role of the arts, and the importance of trade and cultural exchange. Topics covered in this course include the Reformation and its legacy, the Scientific Revolution, European exploration, the Enlightenment, political revolutions, the rise of nation-states, the industrial era, the spread of imperialism, and the issues and conflicts of the 20th and 21st centuries. Primary source documents, which appear frequently, encourage students to make connections to evidence from the past. Writing skills are honed through a spiraled sequence of short analytic pieces. The content is based on standards from the National Council for History Education (1997), the National Center for History in the Schools (1996), and the National Council for Social Studies (1994) and is aligned to state standards.

Prerequisite: None

Grade 9-12

Credit: 0.5

World History to the Renaissance [1, 2]

World History to the Renaissance traces the development of civilizations around the world from prehistory to the Renaissance. The course covers major themes in world history, including the development and influence of human-geographic relationships, political and social structures, economic systems, major religions and belief systems, science and technology, and the arts. Topics covered in this

course include the birth of civilizations; the classical civilizations of India, China, Greece, and Rome; the rise of new empires such as the Byzantine; and an examination of civilizations in Africa and North and South America. From there, students journey to the Middle Ages and into the Renaissance. Primary source documents, which appear frequently, encourage students to make connections to evidence from the past. Writing skills are honed through a spiraled sequence of short analytic pieces. The content is based on standards from the National Council for History Education (1997), the National Center for History in the Schools (1996), and the National Council for Social Studies (1994) and is aligned to state standards.

Prerequisite: None

Grade 9-12

Credit: 0.5

AP COURSES

JEDI is able to offer AP courses at a reduced cost to members. The following course list represents the courses that are available. All required textbooks will be ordered by JEDI and sent to the student or district. Schools will be billed for the singleton course textbooks.

*Indicates a ONE SEMESTER course- offered either semester.

[1, 2] and [A, B] indicate semester, and varies by vendor.

Semester 1= [1] or [A]. Semester 2= [2] or [B].

AP Biology [1], [2]

Students build the conceptual framework necessary to understand science as a process. The course is divided into three sections with correlating laboratory exercises: molecules and cells; heredity and evolution; and organisms and populations. Students will also explore evolution, energy transfer, continuity and change, the relationship of structure to function, regulation, interdependence in nature, and the balance of science, technology, and nature. Ten wet labs are required. **Lab sessions will be scheduled on two Saturdays by the teacher and will be held at a central location. THESE LABS ARE REQUIRED AND WILL ONLY BE OFFERED ONCE. Dates will be set in late spring or summer for the fall/spring semester.** The equivalent of an introductory college-level biology course, AP Biology prepares students for the AP Exam and for further study in health sciences.

This course has required materials. Please contact your student services coordinator.

Prerequisite: Biology and Chemistry Grade For qualified AP students Credit: 0.5 per semester

AP Calculus AB [1], [2]

Students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real-world models. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. The equivalent of an introductory college-level calculus course, AP Calculus AB prepares students for the AP Exam and further studies in science, engineering, and mathematics.

A TI-89, TI-84 Plus, TI-83, or TI-83 Plus calculator is required for this course.

Prerequisite: Algebra II, Geometry, Grade For qualified AP students Credit: 0.5 per semester
Pre-Calculus with Trigonometry

AP Calculus BC [1], [2]

This course is the equivalent of an introductory college-level calculus course. In this course, students study functions, limits, derivatives, integrals, and infinite series. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. Students learn to evaluate the soundness of proposed solutions and apply mathematical reasoning to real-world models. Students also learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Students prepare for the AP Exam and further studies in science, engineering, and mathematics.

A TI 84 + calculator is required for this course.

Prerequisite: Algebra II, Geometry, Grade For qualified AP students Credit: 0.5 per semester
Pre-Calculus with Trigonometry

AP Chemistry [1], [2]

This course builds students' understanding of the nature and reactivity of matter. After studying the structure of atoms, molecules, and ions, students move on to solve quantitative chemical problems and explore how molecular structure relates to chemical and physical properties. Students will examine the molecular composition of common substances and learn to predictably transform them through chemical reactions. Twelve wet labs are required. **Lab sessions will be scheduled by the teacher on 2-3**

Saturdays at a central location. THESE ARE REQUIRED LABS AND WILL ONLY BE OFFERED ONCE. Dates will be set in late spring for the fall/spring semester. The equivalent of an introductory college-level chemistry course, AP Chemistry prepares students for the AP Exam and for further study in science, health sciences, or engineering.

This course has required materials.

Prerequisite: Chemistry and Algebra II Grade For qualified AP students Credit: 0.5 per semester

AP Computer Science [1], [2]

Computer Science A emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development and is meant to be the equivalent of a first-semester college-level course in Computer Science. It also includes the study of data structures, design and abstraction, but these topics are not covered to the extent that they are in Computer Science AB. It should be emphasized that these courses represent college-level achievement for which most colleges and universities can be expected to grant advanced placement and credit. Placement and credit are granted by institutions in accordance with their own policies, not by those of the College Board or the AP Program. The AP Computer Science courses are introductory courses in computer science. Because the development of computer programs to solve problems is a skill fundamental to the study of computer science, a large part of the course is built around the development of computer programs or parts of programs that correctly solve a given problem. The course also emphasizes the design issues that make programs understandable, adaptable, and, when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.

This course has suggested materials. Please contact your student services coordinator.

Prerequisite: none Grade For qualified AP students Credit: 0.5 per semester

AP English Language and Composition [1], [2]

Students learn to understand and analyze complex styles of writing by reading works from a variety of authors. They'll explore the richness of language, including syntax, imitation, word choice, and tone. They'll also learn about their own composition style and process, starting with exploration, planning, and writing, and continuing through editing, peer review, rewriting, polishing, and applying what they learn to a breadth of academic, personal, and professional contexts. The equivalent of an introductory college-level survey class, this course prepares students for the AP Exam and for further study in communications, creative writing, journalism, literature, and composition.

This course has required materials. Please contact your student services coordinator.

Prerequisite: At least a B-grade Grade For qualified AP students Credit: 0.5 per semester
in most recent English course

AP English Literature and Composition [1], [2]

Students are immersed in novels, plays, poems, and short stories from various periods. Students will read and write daily, using a variety of multimedia and interactive activities, interpretive writing assignments, and class discussions to assess and improve their skills and knowledge. The course places special emphasis on reading comprehension, structural and critical analysis of written works, literary vocabulary, and recognizing and understanding literary devices. The equivalent of an introductory college-level survey class, this course prepares students for the AP Exam and for further study in creative writing, communications, journalism, literature, and composition.

This course has required materials. Please contact your student services coordinator.

Prerequisite: At least a B-grade Grade For qualified AP students Credit: 0.5 per semester
in most recent English course

AP Environmental Science [1], [2]

AP* Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course draws upon various disciplines, including geology, biology, environmental studies, environmental science, chemistry, and geography in order to explore a variety of environmental topics. Topics explored include natural systems on Earth; biogeochemical cycles; the nature of matter and energy; the flow of matter and energy through living systems; populations; communities; ecosystems; ecological pyramids; renewable and nonrenewable resources; land use; biodiversity; pollution; conservation; sustainability; and human impacts on the environment. The equivalent of an introductory college-level science course, AP Environmental Science prepares students for the AP exam and for further study in science, health sciences, or engineering. The AP Environmental Science course provides a learning experience focused on allowing students to develop their critical thinking skills and cognitive strategies. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, deconstruct claims, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Frequent no- and low-stakes assessments allow students to measure their comprehension and improve their performance as they progress through each activity. Students perform hands-on labs and projects that give them insight into the nature of science and help them understand environmental concepts, as well as how evidence can be obtained to support those concepts. Virtual lab activities enable students to engage in investigations that would otherwise require long periods of observation at remote locations and to explore simulations that enable environmental scientists to test predictions. During both hands-on and virtual labs, students form hypotheses; collect, analyze, and manipulate data; and report their findings and conclusions. Throughout this course, students are given an opportunity to understand how biology, earth science, and physical science are applied to the study of the environment and how technology and engineering are contributing solutions for studying and creating a sustainable biosphere. Summative tests are offered at the end of each unit as well as at the end of each semester, and contain objective and constructed response items. Robust scaffolding, rigorous instruction, relevant material, and regular active learning opportunities ensure that students can achieve mastery of the skills necessary to excel on the AP exam. This course has been authorized by the College Board® to use the AP designation. *Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

Prerequisite: Biology/life science Grade For qualified AP students Credit: 0.5 per semester
and either Chemistry or Physics;
Algebra; Earth Science is desirable

AP French Language and Culture [A, B]

The AP* French Language and Culture course is an advanced language course in which students are directly prepared for the AP* French Language and Culture test. It uses as its foundation the three modes of communication: interpersonal, interpretive and presentational. The course is conducted almost exclusively in French. The course is based on the six themes required by the College Board: (1) global challenges, (2) science and technology, (3) contemporary life, (4) personal and public identities, (5) families and communities, and (6) beauty and aesthetics. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. Students should expect to listen to, read, and understand a wide-variety of authentic French-language materials and sources, demonstrate proficiency in interpersonal, interpretive, and presentational communication using French, gain knowledge and understanding of the cultures of the Francophone world, use French to connect with other disciplines and expand knowledge in a wide-variety of contexts, develop insight into the nature of the French language and its culture, and use French to participate in communities at home and around the world. The AP* French Language and Culture course is a college level course. The intensity, quality, and amount of course material can be compared to that of a third-year college course.

Prerequisite: French III Grade For qualified AP students Credit: 0.5 per semester

AP Macroeconomics*

AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP exam and for further study in business, political science and history. This course has been authorized by the College Board to use the AP designation.

This course has required materials. Please contact your student services coordinator.

Prerequisite: Algebra II Grade For qualified AP students Credit: 0.5

AP Microeconomics*

This course studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP Microeconomics prepares students for the AP Exam and for further study in business, history, and political science.

This course has required materials. Please contact your student services coordinator.

Prerequisite: Algebra I Grade For qualified AP students Credit: 0.5

AP Psychology*

AP Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection. They'll study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. The equivalent of a 100-level college survey course, AP Psychology prepares students for the AP Exam and for further studies in psychology and life sciences.

This course has required materials. Please contact your student services coordinator.

Prerequisite: Biology Grade For qualified AP students Credit: 0.5

AP Spanish [A, B]

The AP* Spanish Language and Culture course is an advanced language course in which students are directly prepared for the AP* Spanish Language and Culture test. It uses as its foundation the three modes of communication: interpersonal, interpretive and presentational. The course is conducted almost exclusively in Spanish. The course is based on the six themes required by the College Board: (1) global challenges, (2) science and technology, (3) contemporary life, (4) personal and public identities, (5) families and communities, and (6) beauty and aesthetics. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. Students should expect to listen to, read, and understand a wide-variety of authentic Spanish-language materials and sources, demonstrate proficiency in interpersonal, interpretive, and presentational communication using Spanish, gain knowledge and understanding of the cultures of Spanish speaking areas of the world, use Spanish to connect with other disciplines and expand knowledge in a wide-variety of contexts, develop insight into the nature of the Spanish language and its culture, and use Spanish to participate in communities at home and around the world. The AP* Spanish Language and Culture course is a college level course. The intensity, quality, and amount of course material can be compared to that of a third-year college course.

Prerequisite: Spanish III Grade For qualified AP students Credit: 0.5 per semester

AP Statistics [1], [2]

Students have hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They will learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. The next time they hear the results from another poll or study, they will know whether the results are valid. As the art of drawing conclusions from imperfect data and the science of real world uncertainties, statistics plays an important role in many fields. The equivalent of an introductory college-level course, AP Statistics prepares students for the AP Exam and for further study in science, sociology, medicine, engineering, political science, geography, and business. This course has required materials. Please contact your student services coordinator.

Prerequisite: Algebra II or Math Grade For qualified AP students Credit: 0.5 per semester
Analysis

AP US Government & Politics*

AP* U.S. Government and Politics studies the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they'll learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They'll also build the skills they need to examine general propositions about government and politics, and to analyze the specific relationships between political, social, and economic institutions. The equivalent of an introductory college-level course, AP U.S. Government and Politics prepares students for the AP exam and for further study in political science, law, education, business, and history. This course has been authorized by the College Board to use the AP designation. This course has required materials. Please contact your student services coordinator.

Prerequisite: None Grade For qualified AP students Credit: 0.5

AP US History [1], [2]

This course analyzes and explores the economic, political, and social changes in America since Columbus. Student's master historical knowledge and critical analysis, build reading, writing, and communication skills, and discover how historical events have contributed to American culture. In the process, they'll learn how decisions and events of the past continue to have profound effects on the world today and how knowledge of the causes behind past events can influence future decisions. By the end of the course, students will be ready to put their factual knowledge to work by weighing evidence and interpreting problems presented by historians. The equivalent of an introductory college-level course, AP U.S. History prepares students for the AP Exam and for further study in history, political science, economics, sociology, and law.

This course has required materials. Please contact your student services coordinator.

Prerequisite: At least a B-grade Grade For qualified AP students Credit: 0.5 per semester
in most recent social studies
course

DUAL CREDIT ONLINE COURSE OPPORTUNITIES

JEDI continues to survey options for quality and ease of use for students and staff. We welcome you to contact the office to discuss the possibilities of matching an online course from an alternate source to meet the needs of your students.

Madison College ---Online Courses--Dual Credit

Medical Terminology, 10-501-101

Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis is on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology, is included.

Students must take final exam in person at one of the Madison College campus locations. Due to this course being college-level, due dates are firm.

This course has required materials. Please contact your student services coordinator.

Prerequisite: Compass test Grade 11-12 Credit: 0.5 credit and 3 credits
scores of: Pre-Alg 55, Reading 80 from Madison College
& Writing 70 or comparable class
equivalents

High School Credit Recovery Offerings

*Indicates a ONE SEMESTER course- offered either semester.

[1, 2] and [A, B] indicate semester, and varies by vendor.

Semester 1= [1] or [A]. Semester 2= [2] or [B].

Algebra I—CR [1, 2]

The purpose of this course is to allow the student to gain mastery in working with and evaluating mathematical expressions, equations, graphs, and other topics, with an emphasis on real-world applications throughout this year-long algebra course. The first semester of the course includes an introduction to real numbers and variable expressions, method for solving equations, understanding functions and relations, and an in-depth study of linear and quadratic functions. The second semester of the course provides students with extensive instruction in topics including systems of equations and inequalities, exponential and radical functions, rational expressions and equations, as well as probability and statistics. Throughout the course are self-check quizzes, audio tutorials, interactive manipulatives, practice games, and plenty of review activities.

This course requires the use of a graphing calculator.

Prerequisite: Pre-Algebra

Grade 9-12

Credit: 0.5 per semester

Algebra II—CR [1, 2]

Algebra II Credit Recovery expands on the mathematical content of Algebra I and Geometry and serves as a foundation for the material presented in subsequent mathematics courses (for example, Trigonometry and Calculus). In this course, the emphasis is on functions and using algebraic solutions to solve various types of problems. Students are encouraged to develop their abstract thinking skills as well as their computational skills. The two-semester course covers the following topics: linear and quadratic functions, radical functions, rational functions, exponential and logarithmic functions, trigonometric functions, systems of equality, geometry, conic sections, statistics and probability.

Prerequisite: Algebra I

Grade 9-12

Credit: 0.5 per semester

American Government—CR*

This one-semester credit recovery course covers the historical backgrounds, governing principles, and institutions of the government of the United States. The focus is on the principles and beliefs that the United States was founded on and on the structure, functions, and powers of government at the national, state, and local levels. In American Government, students examine the principles of popular sovereignty, separation of powers, checks and balances, republicanism, federalism, and individual rights. They also learn about the roles of individuals and groups in the American political system. Students compare the American system of government with other modern systems and assess the strengths and problems associated with the American version.

Prerequisite: None

Grade 9-12

Credit: 0.5

American History—CR [1, 2]

This credit recovery course gives students a basic understanding of American history. The course begins with the settling of America and continues through present-day domestic and foreign issues that affect American society. In this course, students analyze influential documents and learn about significant individuals who contributed to the nation's development. They study the causes and effects of the various wars in which Americans have fought, and they use critical thinking and problem-solving skills as they take part in interactive discussions and complete a variety of assignments. By the end of the course, students have the knowledge to discuss the characteristics that define the United States as a world power.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Biology—CR [1, 2]

This credit recovery course is an introduction to biology, which is the branch of knowledge that deals with living organisms and vital processes. In Biology, students learn about the processes of scientific

inquiry (the diverse ways in which scientists study the natural world and propose explanations based on the evidence derived from their work). They also learn about the fundamental principles of living organisms, including physical and chemical properties of life, cellular organization and function, and the transfer of energy. The course also addresses cellular reproduction, the classification of living things, and the six kingdoms of life. Students explore ecology and ecosystems and conclude the course with a unit on human biology and populations.

This course has required materials. Please contact your student services coordinator.

Prerequisite: None Grade 9-12 Credit: 0.5 per semester

Chemistry—CR [1, 2]

This course adheres closely to standards for the teaching of chemistry. Emphasis is placed on the use of theoretical and mathematical concepts to explain and predict chemical behavior. This course has been specifically built with the credit recovery student in mind. The course content has been appropriately grouped into smaller topics to increase retention and expand opportunities for assessment. Students engage in learning through multimedia activities, enhancing the information through contextual presentations. Post-topic quizzes are presented with each topic of content. Audio readings are included with every portion of content, allowing auditory learners the opportunity to engage with the course. Test pools and randomized test questions are utilized as well as unit exams, ensuring that students taking the course will not be presented with the same assessment content.

This course has required materials. Please contact your student services coordinator.

Prerequisite: None Grade 9-12 Credit: 0.5 per semester

Earth Science—CR [1, 2]

Earth Science is the branch of science devoted to studying the planet Earth and all the objects in the universe. This course begins with an introduction to the processes, methods, and tools of scientific inquiry. An understanding of the geology of Earth is built through units that discuss topics such as rocks and minerals, plate tectonics, and Earth's natural resources. The structure and function of the atmosphere as well as situations that cause changes in the atmosphere build student's understanding of Earth's atmosphere. The study of oceanography is introduced with such topics as seafloor features and ocean currents. Weather, climate, and climate change are topics that begin to develop an understanding of meteorology. Throughout the course students develop an understanding of how Earth's systems and cycles work together to make life on Earth possible. The students also take a tour of the universe as they discuss its formation, the characteristics of the objects in our solar system, and the universe beyond our solar system. Throughout the course, they see examples of how individuals have built our knowledge of Earth and the universe through invention, innovation, and discovery.

Prerequisite: Pre-Algebra, Grade 9-12 Credit: 0.5 per semester
Physical Science 8

Economics—CR*

In this one-semester credit recovery course, students gain a basic understanding of economics. The course uses real-world economic applications to help students better grasp a range of economic concepts, including macro- and microeconomic concepts. The course covers the American free enterprise system and addresses how this system affects the global economy. Students learn how to think like economists as they study economic principles and different economic systems. They analyze and interpret data to understand the laws of supply and demand. Examining the world of business, money, banking, and finance helps students understand how economics is applied both domestically and globally.

This course has required materials. Please contact your student services coordinator.

Prerequisite: None Grade 9-12 Credit: 0.5

English I—CR [1, 2]

In this credit recovery course, students learn about modern forms of communication and the media, with a focus on the Internet. They also explore elements of fiction and expository texts, build their vocabulary, and develop their language skills through reading and writing assignments. Vocabulary lists

Geometry—CR [1, 2]

Geometry Credit Recovery is a comprehensive course featuring geometric terms and processes, logic, and problem solving. The course begins by giving students an immediate connection to the content and concepts they have learned in their Algebra courses. (Building on prior knowledge helps students absorb new content.) Students go on to learn about parallel line and planes; rays and angles; congruent triangles; inequalities; quadrilaterals; circles; polygons; perimeter, area, and volume; inductive and deductive reasoning; and translations, reflections, and rotations. They study various forms of proofs and develop their reasoning and problem-solving skills by studying similarity, areas, volumes, circles, and coordinate geometry.

This course requires the use of a graphing calculator.

Prerequisite: Algebra I Grade 10 Credit: 0.5 per semester

Health—CR*

This one-semester credit recovery course provides students with information that will help them live a more healthy and productive life. The emphasis is on making healthy personal decisions and in getting the information needed to make those choices. The course addresses both mental and physical health. Students learn about nutrition, including food guidelines and types of food; eating disorders are also covered. Students learn about first aid and CPR, substance abuse, and human sexuality. The course also covers consumer health resources, including government resources, nonprofit resources, and health insurance. Students learn how technology is influencing health care, and they examine the benefits of frequent physical exercise.

Prerequisite: None Grade 9-12 Credit: 0.5

Physical Education—CR*

Through this one-semester credit recovery course, students learn a wide variety of fitness concepts that they will be able to use in their everyday life. The course addresses the fundamentals of physical fitness, including goal setting and target heart rate. Students learn about how their body works by studying static and dynamic balance, linear and rotary motion, anatomy, and biomechanics. They are introduced to a variety of lifetime activities, including tennis, golf, Frisbee, and orienteering. They also learn about activities to promote cardiorespiratory fitness, including kickboxing, hip hop dance, fitness walking, and cycling. Pilates, yoga, and breathing exercises that help promote physical and emotional wellness are addressed as well.

Prerequisite: None Grade 9-12 Credit: 0.5

Physical Science—CR [1, 2]

This credit recovery course is an introductory course to high school science courses. In Physical Science (E), students expand on their middle school science experiences to prepare for subsequent courses in Biology, Chemistry, and Physics. The course emphasizes scientific thinking as a way of understanding the natural phenomena that surround us. It includes real and virtual lab exercises and gives students the skills to discuss a number of scientific topics, understand how science is used in their daily lives, and become comfortable with solving simple algebraic expressions that support scientific laws. Built with the credit recovery student in mind, the course content is grouped into smaller topics to increase retention and expand opportunities for assessment.

This course has required materials. Please contact your student services coordinator.

Prerequisite: None Grade 9-12 Credit: 0.5 per semester

Spanish I—CR [1], [2]

This credit recovery course provides students with instruction in the basics of learning the language of Spanish. Content includes topics such as greetings, time, dates, colors, clothing, numbers, weather, family, houses, sports, food and drink, and school. The course also introduces basic and stem-changing verbs and their formation and use in the present tense. Students also learn about interrogatives, question formation, and adjectives and their form and use, in addition to possessives, prepositions, and other grammatical structures. Finally, students become acquainted with the Spanish-speaking countries

of the world and their cultures, and they learn practical information, such as restaurant vocabulary and expressions of invitation.

This course has required materials. Please contact your student services coordinator.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

World History—CR [1], [2]

World History Credit Recovery is a survey of world history from prehistoric to contemporary times. Students learn about the socioeconomic, political, and ideological conditions of various time periods as they study historical events, cultural achievements, and world regions. Using primary and secondary sources, they employ critical thinking and problem-solving skills as they conduct inquiry-based research, participate in interactive discussions, and complete assignments establishing real-world connections. By the end of the course, students can articulate the relationship between historical occurrences and contemporary situations. They can also predict how contemporary issues will affect future generations, based on historical evidence.

Prerequisite: None

Grade 9-12

Credit: 0.5 per semester

Middle School Offerings

*Indicates a ONE SEMESTER course- offered either semester.

[1, 2] and [A, B] indicate semester, and varies by vendor.

Semester 1= [1] or [A]. Semester 2= [2] or [B].

Algebra [A, B]

Students deepen their computational and problem-solving fluency through topics in linear relationships, functions, and geometry. Proportions are understood as special linear equations in which the constant of proportionality is the slope. Students also consider the fit of bivariate data with linear models.

Students solve systems of two linear equations in two variables and relate those solutions to a representation in the coordinate plane. Functions are understood as a rule that determine a unique output for every input. Students apply functions and are able to translate between various representations. Geometry delves into translations, rotations, reflections, and dilations in the coordinate plane. Students also consider the angles created by the transversal of parallel lines. The Pythagorean Theorem is explored and used to find distances between points and to analyze polygons. Students also find volumes of cones, cylinders, and sphere.

The student will need a calculator, a compass, graph paper, a protractor, and a ruler.

Prerequisite: Math 7

Grade 8

Credit: 0.5 per semester

Art 6*

Journey through time and place while examining some of the greatest masterpieces created. In this course, students will explore world regions and study the unique artifacts and works of architecture that define ancient civilizations. From Mesopotamia, the world's first civilization, to the Roman streets of Pompeii, participants will learn the fundamental concepts of art, how to look at and evaluate art, and the intended function of natural history museums through hands-on activities, discussions, written assignments, and objective assessments.

Prerequisite: None

Grade 6

Credit: 0.5

Art 7*

Journey through time and place while examining some of the greatest masterpieces created. In this course, students will explore world regions and study the unique artifacts and works of architecture that define ancient civilizations. From Mesopotamia, the world's first civilization, to the Roman streetsof Pompeii, participants will learn the fundamental concepts of art, how to look at and evaluate art, and the intended function of natural history museums through hands-on activities, discussions, written assignments, and objective assessments.

Prerequisite: None

Grade 7

Credit: 0.5

Art 8*

Journey through time and place while examining some of the greatest masterpieces created. In this course, students will explore world regions and study the unique art and architecture that defines modern-day civilizations. From Picasso to Hiroshige, participants will learn the fundamental concepts of art, how to look at and evaluate art, and where to find educational resources for the study of art history and applied arts through hands-on activities, discussions, written assignments, and objective assessments.

Prerequisite: None

Grade 8

Credit: 0.5

Art Appreciation*

This course provides students with a basic overview of art. Art Appreciation includes the study of the elements of art, the principles of art, and how works of art are organized using these elements and principles. Students will further study major movements in the history of art. During this course, students will create basic art projects designed to strengthen their understanding of art and reinforce main concepts. While participating in these activities, students will also learn how to read a work of art, relate to art, and evaluate art.

Prerequisite: None

Grade 7-8

Credit: 0.5

Basic Reading Skills*

The purpose of this course is to help students acquire the skills that effective readers use and enhance the ability of students to use these skills when interacting with grade level text. The course will focus on comprehension, vocabulary, fluency, and word recognition skills. It will also utilize a variety of reading passages to reinforce these skills. This course is designed to assist students in developing fundamental reading skills needed to become successful learners. Emphasis is placed on strategies intended to aid them in eventually maneuvering age appropriate reading material by introducing and reinforcing reading strategies. Students will be exposed to, or reintroduced to, such recognized strategies as site words, semantics in order to increase their reading abilities and fluency. Once the student has received instruction on how to read, they will be instructed on comprehension building activities including the active reading process, and literary. Throughout this course, students will work on various reading projects and activities designed to build reading ability and confidence. Students will see a progressive increase of difficulty on reading materials so they can use their newly acquired reading skills. This course requires that the student has access to newspaper articles.

Prerequisite: None

Grade 7

Credit: 0.5

Career Exploration*

In this course, students will learn about various careers that are available today and complete self-evaluations to determine which careers are most interesting to them. Assignments, including research and interviews, will help give students a hands-on approach to creating a plan for the future.

Prerequisite: None

Grade 8

Credit: 0.5

Chinese 1 [A, B]*

This fun, interactive course for middle school students is filled with diverse, multimedia language activities. The instruction is equivalent to that found in the first semester of High School Chinese I. Students begin their introduction to Chinese by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Both Chinese characters and pinyin are presented together throughout the course and specific character practices are introduced after the first quarter. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Chinese-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: None

Grade 6-8

Credit: 0.5

Chinese 2 [A, B]*

Students continue their language-learning adventure by progressing to this next level of middle school Chinese. The instruction is equivalent to that found in the second semester of High School Chinese I. Students expand their introduction to Chinese through focus on four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Both Chinese characters and pinyin are presented together throughout the course and specific character practices are introduced after the first quarter. Students should expect to

be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Chinese-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Middle School Grade 6-8 Credit: 0.5
Chinese 1

Computer Basics*

Computers have not only transformed the workplace, but have also become the method of delivery for education. Knowing some simple skills, such as keyboarding and the use of typical office software, will make their education much more productive. This course is designed to teach keyboarding to the level of proficiency needed to communicate successfully online. This course also teaches the use of word processing, drawing, spreadsheet, presentation, and Internet software. Finally, the capabilities, ethics, safety, and rules for Internet use are introduced. After taking this course, students should be able to use the computer productively for their school, work, and everyday lives.

Prerequisite: None Grade 6 Credit: 0.5

Earth and Space Science 7 [A, B]

In the first semester students will learn about the scientific method and hone their understanding of using scientific measurements to Earth and Space Science. Also included are lessons on Earth maps and globes including detailed instruction on how to find specific locations using latitude and longitude. Much of the first semester focuses on space science. Students will learn about Earth movements, seasons, the Moon, tides, solar and lunar eclipses, the Sun and its role as the main source of light and energy in the solar system. They will learn about planets, asteroids, meteors, comets and their orbits and how force gravity holds it all together. Outside the solar system there are lessons on stars, constellations, nebula, the Milky Way and galaxies beyond. There have been many recent discoveries in space science. Accordingly, careful attention has been given to presenting the most updated information available in areas of discovery such as stars with planets and the latest methods of detecting them as well as a look at NASA's most recent Curiosity landing on the Martian surface.

Prerequisite: Math 6, Science 5 Grade 7 Credit: 0.5 per semester
& 6

Family and Consumer Science*

The middle school Family and Consumer Science course focuses on the introduction of skills and knowledge that will help young teenagers transition into the adult roles within the family. Students engage in activities to learn more about managing money, entering the world of work, establishing a home and family, preparing nutritious meals, working as part of a team, and caring for the environment and their community. Students gain an appreciation for the work of the family and how they as individuals contribute to the well-being of their family and their community.

Prerequisite: None Grade 6-8 Credit: 0.5

French I [A, B]

This fun, interactive course for middle school students is filled with diverse, multimedia language activities. The instruction is equivalent to that found in the first semester of High School French I. Students begin their introduction to French by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar

patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: None

Grade 6-8

Credit: 0.5 per semester

French II [A, B]

Students continue their language-learning adventure by progressing to this next level of middle school French. The instruction is equivalent to that found in the second semester of High French I. Students expand their introduction to French through focus on four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: French I

Grade 6-8

Credit: 0.5 per semester

Fundamentals of Geometry & Algebra [A, B]

Students enhance computational and problem-solving skills while learning topics in algebra, geometry, probability, and statistics. They solve expressions and equations in the context of perimeter, area, and volume problems while further developing computational skills with fractions and decimals. The study of plane and solid figures includes construction and transformations of figures. Also in the context of problem solving, students add, subtract, multiply, and divide positive and negative integers and solve problems involving ratios, proportions, and percents, including simple and compound interest, rates, discount, tax, and tip problems. They learn multiple representations for communicating information, such as graphs on the coordinate plane, statistical data and displays, as well as the results of probability and sampling experiments. They investigate patterns involving addition, multiplication, and exponents, and apply number theory and computation to mathematical puzzles.

Prerequisite: 5th Grade Math

Grade 6-8

Credit: 0.5 per semester

German I [A, B]

This fun, interactive course for middle school students is filled with diverse, multimedia language activities. The instruction is equivalent to that found in the first semester of High School German I. Students begin their introduction to German by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: None

Grade 6-8

Credit: 0.5 per semester

German II [A, B]

Students continue their language-learning adventure by progressing to this next level of middle school German. The instruction is equivalent to that found in the second semester of High School German I. Students expand their introduction to German through focus on four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: German I

Grade 6-8

Credit: 0.5 per semester

Guitar I [1, 2]

Have you ever dreamed of playing the guitar? Whether you love music, want to play guitar for your family and friends, or desire to be a music star, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles. Student guides, Carlos and Summer, will guide you through each step of this journey towards becoming a skilled guitarist and musician.

The student will need a guitar and recording device to submit a video of the student playing the guitar.

Prerequisite: None

Grade 6-8

Credit: 0.5 per semester

Health*

This course will help the student understand the importance of making decisions that will affect his or her physical, emotional, mental and social health. This course will provide students with the knowledge and resources they will need to make responsible informed decisions about their health. Students will have an opportunity to evaluate their own values, opinions and attitudes about health.

Prerequisite: None

Grade 6

Credit: 0.5

Health 6*

This course is designed to equip students with the knowledge and skills necessary to make healthy choices throughout one's lifetime. Students will gain valuable health information and learn healthy, proactive practices. Students will have an opportunity to demonstrate their skills in healthy decision-making, problem solving, goal setting, and effective communication and refusal negotiation. Students will acquire the skills necessary to recognize unhealthy and risky behaviors, manage peer pressure, and develop strategies for improving personal and community health. Students will gain an understanding of the many different influences on one's health and the interrelationships that occur between mental, physical, social, spiritual and environmental health. The course will consist of vocabulary quizzes, discussion sessions amongst peers, multimedia interactive tutorials, lab activities and teacher interactions. Students will be assessed weekly to determine content understanding. After completion of this course, students will understand and be able to begin implementing positive, lifelong, health skills for optimum health and wellness.

Prerequisite: None

Grade 6-8

Credit: 0.5

Health 7*

This course is designed to teach lifetime health and wellness knowledge in order to prevent various psychological and physical disorders. Students will learn health information and practices, as well as

experience implementing their newfound skills and knowledge. They will acquire the skills necessary to handle peer pressure, recognize unhealthy and risky behaviors and how to prevent and avoid them, and develop strategies for improving personal and community health. Students will gain an understanding of the relationships that influence one's health, as well as refusal and coping skills that play a major part in personal health, as well. Quizzes, discussion sessions among peers, projects, and interactions will be assessed weekly to gauge content understanding. After completion of this course, the student will understand and have experience practicing lifelong skills for lifelong health and wellness.

Prerequisite: Health 6 Grade 6-8 Credit: 0.5

Health 8*

Welcome to the 8th grade Health course. This course is designed to provide the student with the knowledge and skills that will enable him or her to achieve and maintain a healthful lifestyle. The student will learn health information and practices necessary to understand and manage many aspects of their physical, social, intellectual, spiritual and emotional health throughout adolescence into adulthood.

Prerequisite: Health 7 Grade 6-8 Credit: 0.5

Journalism*

Are you someone who likes to get the story straight? Who? What? When? Where? How? These are the details that make for a great story. And knowing how to find these key facts in any situation is the skill of a true journalist. In Middle School Journalism: Tell Your Story, you'll learn how to ask the right questions and find the story in any situation. You'll learn how to gather information effectively, organize ideas, format stories for media production, and edit your articles. Get ready to break that news.

Prerequisite: None Grade 6-8 Credit: 0.5

Language Arts 6 [A, B]

Semester A of English 6 is divided into two main categories: Storytelling and Heroes. Assignments include writing a narrative essay and completing a book report. Semester B of English 6 covers the main topics of Myth and Poetry. Student assignments include writing an original fairy tale and composing a poem.

This course has required materials. Please contact your student services coordinator.

Prerequisite: Language Arts K-5 Grade 6 Credit: 0.5 per semester

Language Arts 7 [A, B]

In this course, students will improve their reading and writing skills, helping them become communicators that are more effective. Students will organize their ideas and prepare structured essays based on various topics such as personal experience and persuading others. Students will learn and practice effective research techniques as they prepare, complete, and polish reports and essays. Each lesson will take the student systematically through a reading and then lead them to writing a responsive essay based on the report or essay topic. There is also a review of basic English mechanics woven in. This course provides interactive activities, readings, and PowerPoint presentations to extend learning beyond the textbook. Students participate in discussions that will include teacher feedback on a daily basis, throughout the course.

This course has required materials. Please contact your student services coordinator.

Prerequisite: Language Arts 6 Grade 7 Credit: 0.5 per semester

Language Arts 8 [A, B]

In this exciting writing course, students improve their communications skills to help them become more effective writers. Students will analyze the different processes for writing personal narratives, expositions, and persuasive essays. In addition, they will practice effective research techniques and prepare complete and polished reports and essays. Their writings will also cover expository, expressive, and persuasive writing. Students learn to apply the 6-Traits of Writing (ideas, organization, voice, word choice, sentence fluency, and conventions) to all of their writing. Students learn the 5-step writing process (prewriting, drafting, revising, proofreading, and publishing), as well as using feedback to

improve grammar and syntax. Interactive activities, readings, and PowerPoint presentations provide a wealth of information. Peer discussions and teacher feedback also contribute to help students learn the processes needed to become more effective writers.

This course has required materials. Please contact your student services coordinator.

Prerequisite: Language Arts 7 Grade 8 Credit: 0.5 per semester

Latin I [A, B]

This fun, interactive course for middle school students is filled with diverse, multimedia language activities. The instruction is equivalent to that found in the first semester of High School Latin I. Since mastering a classical language presents different challenges from learning a spoken world language, students learn Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques, combined with a modern multimedia approach to learning grammar, syntax, and vocabulary, provide students with a strong foundation for learning Latin. Each unit consists of a new vocabulary theme and grammar concept, reading comprehension activities, writing activities, multimedia culture, history, and mythology presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on engaging with authentic classical Latin through weekly encounters with ancient passages from such prestigious authors as Virgil, Ovid, and Lucretius. The curriculum concurs with the Cambridge school of Latin; therefore, students will learn ancient high classical styles of pronunciation and grammar in lieu of generally less sophisticated medieval styles, making it possible for students to comprehend the most Latin from the widest range of time periods. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: None Grade 6-8 Credit: 0.5 per semester

Latin II [A, B]

Students continue their language-learning adventure by progressing to this next level of middle school Latin. The instruction is equivalent to that found in the second semester of High School Latin I. Since mastering a classical language presents different challenges from learning a spoken world language, students learn Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques, combined with a modern multimedia approach to learning grammar, syntax, and vocabulary, provide students with a strong foundation for learning Latin. Each unit consists of a new vocabulary theme and grammar concept, reading comprehension activities, writing activities, multimedia culture, history, and mythology presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on engaging with authentic classical Latin through weekly encounters with ancient passages from such prestigious authors as Virgil, Ovid, and Lucretius. The curriculum concurs with the Cambridge school of Latin; therefore, students will learn ancient high classical styles of pronunciation and grammar in lieu of generally less sophisticated medieval styles, making it possible for students to comprehend the most Latin from the widest range of time periods. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Latin I Grade 6-8 Credit: 0.5 per semester

Life Science [A, B]

Life Science is the study of cells, heredity, biological populations and their changes over time. It includes human biology, ecology, diversity of organisms and the history and nature of science. In this course, students will have the opportunity to conduct and design experiments, identify and classify organisms.

Students will work on developing skills in data recording, classifying, measuring, observing, hypothesizing, analyzing, evaluation and inferring.

Prerequisite: None

Grade 6

Credit: 0.5 per semester

Mandarin Chinese I [1, 2]

This fun, interactive course for middle school students is filled with diverse, multimedia language activities. Students begin their introduction to Chinese by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Both Chinese characters and pinyin are presented together throughout the course and specific character practices are introduced after the first quarter. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Chinese-speaking regions, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

The student will need a microphone and audio recording software.

Prerequisite: None

Grade 6-8

Credit: 0.5 per semester

Mandarin Chinese II [1, 2]

Students continue their study of Chinese by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Character recognition and practice are a key focus of the course and students are expected to learn several characters each unit. However, pinyin is still presented with characters throughout the course to aid in listening and reading comprehension. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Chinese-speaking regions, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

The student will need a microphone and audio recording software.

Prerequisite: Mandarin Chinese I Grade 6-8

Credit: 0.5 per semester

Math 6 [A, B]

Students begin the first semester of this course with a review of basic addition, subtraction, multiplication and division of whole numbers. More complex concepts are built on these basics. Students learn how to add, subtract multiply and divide integers, decimals and fractions. The course also includes lessons on ratios and proportions.

Prerequisite: 5th Grade math

Grade 6

Credit: 0.5 per semester

Math 7 [A, B]

Math can be great fun. Developing math skills can give students a great sense of accomplishment and raise their self-esteem. Students who master this course will take major strides toward speaking the

language of mathematics. This course will help the student master the concepts learned in the first six years of their educational life. Each concept is explained and problems are presented to allow the student to develop their skills. Each concept is presented in several ways to allow the student to learn in their own way. The course is offered in a six-unit format containing 5 lessons each for a total of 30 lessons. Students will study text pages, watch videos, interact with flash presentations, and complete practice problems. The pace is controlled by the student and reviewing the material is encouraged.

Prerequisite: Math 6

Grade 7

Credit: 0.5 per semester

Math 8 [A, B]

8th Grade Math or Pre-Algebra A will help students move from the world of simple mathematics to the exciting world of Algebra and Geometry. They will develop skills that will be necessary throughout their life. Students will stretch their thinking by learning to solve real world problems. Learning math and algebra concepts can be fun. Abstract ideas can be challenging for many students but the challenge is one they can meet. Concepts are presented with a little humor, making the learning fun. Students will enjoy learning each new concept and develop a deeper understanding of the math skills they already have. Each concept is presented using examples of the skills, concepts, and strategies students will need. Scaffolding of ideas is provided to ensure student learning. The course is offered in a six-week format containing 30 lessons. Students will study text pages, watch videos, interact with flash presentations, and complete practice problems. Each lesson has links to live sessions where teachers will help the student understand the concepts and processes presented. The pace is controlled by the student and reviewing the material is encouraged.

Prerequisite: Math 7

Grade 8

Credit: 0.5 per semester

Music 6*

Through this online Music course, students will be exposed to many diverse activities and will learn a wide variety of musical concepts they will be able to use in their daily experiences for the rest of their lives. Students will learn foundational skills such as performing, listening, analyzing and responding to music. Students will develop a sense of self-esteem by accomplishing activities that require higher critical thinking skills especially developed for their grade level. Integrated assignments incorporate other content areas of study providing students with an additional enrichment experience they'll be able to take with them for a lifetime. Quizzes, discussion boards, projects, and performance activities will be assessed weekly to gauge content understanding. After completion of this course, students will be able to describe and analyze musical sound, demonstrate musical artistry, perform a varied repertoire of music, read and write music notation, create and arrange music within specified guidelines and relate music to history, society, and culture.

Prerequisite: None

Grade 6

Credit: 0.5

Music 7*

Through this online Music course, students will be exposed to many diverse activities and will learn a wide variety of musical concepts they will be able to use in their daily experiences for the rest of their lives. Students will learn foundational skills such as performing, listening, analyzing and responding to music. Students will develop a sense of self-esteem by accomplishing activities that require higher critical thinking skills especially developed for their grade level. Integrated assignments incorporate other content areas of study providing students with an additional enrichment experience they'll be able to take with them for a lifetime. Quizzes, discussion boards, projects, and performance activities will be assessed weekly to gauge content understanding. After completion of this course, students will be able to describe and analyze musical sound, demonstrate musical artistry, perform a varied repertoire of music, read and write music notation, create and arrange music within specified guidelines and relate music to history, society, and culture.

Prerequisite: None

Grade 7

Credit: 0.5

Music 8*

Through this online Music course students will be exposed to many diverse activities and will learn a wide variety of musical concepts they will be able to use in their everyday lives for the rest of their lives.

Students will learn foundational skills such as performing, listening, analyzing and responding to music. Students will develop a sense of self-esteem by accomplishing activities that require higher critical thinking skills especially developed for their grade level. Integrated assignments incorporate other content areas of study such as: science, social studies and math. The content studied will directly apply to other areas of study providing students with an additional enrichment experience they'll be able to take with them for a lifetime. Quizzes, discussion boards, projects, and performance activities will be assessed weekly to gauge content understanding. After completion of this course, students will have the knowledge to critically analyze music, use proper music terminology to describe musical concepts, create music of their own and enhance their musicianship.

Prerequisite: None

Grade 8

Credit: 0.5

Photography*

Photographs play an important role in our world today. We photograph to preserve memories, document events, and create artistic works. This course introduces students to the basics of photography, including camera functions and photo composition. Students will learn what it takes to create a good photograph and how to improve photographs of animals, people, and vacations. They will also begin working with their photographs using photo-editing software. Through a variety of assigned projects, students will engage their creativity by photographing a range of subjects and learning to see the world through the lens of their cameras.

Prerequisite: None

Grade 6-8

Credit: 0.5

Physical Education 6*

The 6th grade physical education course will introduce students to health related fitness components, dance, team sports, healthy choices and lifetimes activities. Through these units students will learn the essential principles to live a healthy active lifestyle. The lessons will give the student exposure to many of the activities that can be incorporated into their daily lives today, tomorrow and in their future. This course has required materials. Please contact your student services coordinator.

Prerequisite: None

Grade 6

Credit: 0.5

Physical Education 7*

Through this online Physical Education course students will be exposed to many diverse activities and will learn a wide variety of fitness concepts that they will be able to use in their everyday lives. Students will learn lifelong skills such as rock climbing, orienteering, and ping-pong along with stress management concepts through Yoga and Pilates. Students will develop a sense of self-esteem and accomplishment through completion of fitness tests, attaining personal goals set, and learning to care for their body. Integrated assignments will show students that content areas of science, social studies, math, and English are littered throughout physical education and apply in our everyday activities. Quizzes, discussion boards, projects, and physical activity will be assessed weekly to gauge content understanding. After completion of this course students will have the knowledge to stay fit and stay active well beyond middle school.

This course has required materials. Please contact your student services coordinator.

Prerequisite: None

Grade 7

Credit: 0.5

Physical Education 8*

In this online course students will be exposed to various physical activities and fitness concepts that will contribute to their overall physical activity level. The students will learn a multitude of skills that will accompany them throughout their life span. They include things like target heart rate, the basics of fitness testing, goal setting, safety, balance, motion, aerobic/anaerobic exercise routines, strength training, stress management, yoga, Pilates, various dances, cycling, and other individual games and activities. Other subject areas like science, math, social studies, foreign languages, and English are intergraded into the course content. Students understanding of the course content will be assessed in a variety of ways that include quizzes, tests, discussion boards, and other projects. After completing the course the students will have mastered the course content.

This course has required materials. Please contact your student services coordinator.

Prerequisite: None

Grade 8

Credit: 0.5

Physical Science [A, B]

This is an introduction to the Physical Sciences and scientific methodology. The objectives are to impart a basic knowledge of the physical properties and chemistry of matter. Skills are developed in the classroom, and reinforced through homework reading, and interesting labs that relate to everyday life.

Prerequisite: None

Grade 8

Credit: 0.5 per semester

Pre-Algebra [A, B]

Students will learn 7th grade math topics outlined in this course drawing from a variety of sources, including hands on activities, interactive lessons, and practical math applications.

Prerequisite: None

Grade 7

Credit: 0.5 per semester

Social studies 6 [A, B]

The first semester of Social Studies 6 introduces students to the beginnings of ancient civilization. We will trace the path of human origins in Africa and follow the path of migration around the Earth. This course will help students understand why we study history and the process in which we form conclusions about events in the past. Students will begin to learn about the major ancient civilization around the world and their cultures. Modern civilizations can trace their foundations to these ancient civilizations, and their cultures and histories teach us much about ourselves and the modern world in which we live.

Prerequisite: None

Grade 6

Credit: 0.5 per semester

Social studies 7 [A, B]

American History covers the history of our nation from pre-Civil War through the Roaring Twenties. Major topics include; pre-Civil War, the Civil War, Reconstruction, Immigration, the Industrial Revolution, the Progressive Era, Imperialism, World War I, and the Roaring Twenties. In addition, the content areas of government, economics, science, art, literature, and the humanities are interwoven throughout the class, creating an integrated learning experience. American History is a survey of the struggle to build the United States of America from the Civil War to the Roaring Twenties. By means of reading, analyzing, and applying historical data, students come to appreciate the forces that shaped our history and character as an American people. Not only are the topics of American history discussed, but students also use primary documents and visual aids (including maps, graphs, charts, and artwork) to build their own understanding of the eras explored. Students view multimedia presentations, complete practice activities, create hands-on projects, and participate in student discussions. High interest videos provide background knowledge and support concepts studied. Teacher feedback is provided throughout the course.

Prerequisite: None

Grade 7

Credit: 0.5 per semester

Social studies 8 [A, B]

In this course students will understand the significance of government, law, and politics. They will examine the United States foundational documents and how they shaped the United States government. Students will examine the purposes and functions of federal and state government, law, and political systems. Learners will evaluate their role and civic responsibility to their families, communities, and country including voting and being a productive member of society. Learners will follow a step-by-step approach for successfully completing each lesson, which includes textbook reading, interactive activities, supplemental reading, lecture, video clips, and Power Point presentations to enhance and reinforce learning. Learners receive frequent feedback from teacher and peers through discussions.

Prerequisite: None

Grade 8

Credit: 0.5 per semester

Spanish I [A, B]

This fun, interactive course for middle school students is filled with diverse, multimedia language activities. The instruction is equivalent to that found in the first semester of High School Spanish I. Students begin their introduction to Spanish by focusing on the four key areas of foreign language study:

listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: None

Grade 6-8

Credit: 0.5 per semester

Spanish II [A, B]

Students continue their language-learning adventure by progressing to this next level of middle school Spanish. The instruction is equivalent to that found in the second semester of High Spanish I. Students expand their introduction to Spanish through focus on four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Spanish I

Grade 6-8

Credit: 0.5 per semester

Study Skills*

In this course, students will learn how to become a better-organized and more successful student. Study Skills will also strengthen students writing skills as well as learn other academic success skills. Everything students learn in this course can be applied to other online courses. This course asks a lot of the student; it will be an easy A! However, students will have fun and gain self-confidence in their newfound abilities as a student. Having good study skills not only helps individuals become successful students, but also helps them become successful adults later in life. The skills taught in this course help students become stronger readers and writers. These skills will help students whether they go on to college or enter the workforce after high school. Writing, studying, note taking, reading, and communicating with teachers is not as difficult as students may think. Throughout this course, students will learn a variety of skills related to organization, time management, planning, communicating, and self-advocacy. Projects, assignments, readings, and the teacher will guide students as they begin their quest to becoming stronger writers and successful students.

Prerequisite: None

Grade 6

Credit: 0.5

The Choice Is Yours*

As students approach the teen years, they encounter many opportunities. Generally, junior high school students are faced with some difficult decisions that may have lifelong effects. Students are forced to make choices concerning their current and future education. The Choice is Yours is based on the popular book written by Sean Covey, The 7 Habits of Highly Effective Teens. The Choice is Yours will help guide the young teenager toward a path of success by going into such topics as how to be a proactive person. Moral values, and ethical behavior are discussed and instruction is given on how to improve them.

Students will uncover ways to find their courage zone. They will learn the art of listening and how to say 'I'm sorry' when they are at fault. The Choice is Yours will help the student learn how to be a strong individual without being a bully, or a doormat. Finally, it will uncover the mystery of their purpose; to be the best person they can be.

Prerequisite: None

Grade 6

Credit: 0.5

World Language Survey*

In this World Languages course students will be introduced to 6 different languages within 18 weeks. The languages in this course include Spanish, French, German, Latin, Chinese and Japanese. Each language will be taught in a period of 3 weeks. This multilingual course is designed to give students an opportunity to gain understanding of a language that they might want to further study in the future. Each language is equally represented, thus allowing the student to conceptualize and practice the language one at a time. The course takes a multi-perspective approach for teaching the culture of the people that speak the language along with fundamental communication skills in the target language. Activities that engage students and make language learning exciting and fun will be incorporated to build acquisition. The languages will be taught using the communicative method which combines listening, speaking, reading and writing in the target language with the use of multimedia resources.

Prerequisite: None

Grade 6-8

Credit: 0.5