DCYF ALTERNATIVE EDUCATION PROGRAM

Course Catalog

EST. 2020-2021

STATE OF RHODE ISLAND
DEPARTMENT OF CHILDREN, YOUTH AND FAMILIES
DCYF ALTERNATIVE EDUCATION PROGRAM
EDUCATION DEPARTMENT
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DR. HEATHER DOS SANTOS, PRINCIPAL/SPECIAL EDUCATION DIRECTOR

Introduction

This program of studies was written to provide students, parents, and schools with information regarding the courses offered at the DCYF Alternative Education Program.

Mission Statement

The mission of the DCYF Alternative Education Program, as a mandatory educational program within a juvenile correctional facility, is to educate all students with the skills, knowledge and values to succeed in school, work and community by providing a safe, consistent and secure learning environment which meets the individual, educational, and vocational needs of each resident while challenging all residents to fulfill their potential.

Principal's Statement

As Principal and Director of Special Education of the DCYF Alternative Education Program at the Rhode Island Training School, I am resolute in my commitment to the academic, social, and emotional learning of the youth who we serve. In our program, youth receive the individualized and personal learning experiences and supports needed; to continue their path towards attainment of their high school diploma, their GED, and or college and career readiness pursuits on the post-secondary level. As leader of the school, I possess an unwavering confidence in the potential of all our youth to make a positive contribution to greater society.

Our educational program allows youth to develop and refine their academic skills in a safe, secure, and supportive space as part of their preparation to be restored to their local communities. We seek to help each youth to explore their potential in creative, flexible, and innovative ways. Beyond core academic competencies, we seek to impart digital and transferable skills on all youth as part of our goal to equip youth with the critical thinking, problem solving and communication skills that they need to compete in the 21st Century as both leaders and learners!

Dr. Heather Dos Santos

Diplomas

As a temporary transitional education program and a limited LEA, we do not issue high school diplomas. High school diplomas are the responsibility of the student's LEA and or specific endorsed program upon completion of their high school requirements. LEA's, for purposes of preparing a youth to meet PBGR's while they are enrolled with us, are determined by the students last enrollment or through an official Every Student Succeeds Act (ESSA) Determination. Please note we do not compute class ranks.

Grade Reporting

Report cards are published four times a year and issued quarterly.
Progress reports are issued bi-quarterly at the midpoint of each quarter (5 weeks) to indicate danger of failing or other problems that may have an impact on a student's academic success, and to allow teachers the opportunity to make commendable comments on a student's academic progress.

Marking Period 2024-2025

Term 1: September 03 - November 07
Term 2: November 08 - January 27
Term 3: January 28 - April 08
Term 4: April 09 - June 18

Course Changes

Beginning in school year 2020-2021 we are no longer offering Integrated courses. If an Integrated course is listed on a student's transcript, please see our course catalog for a description of what content was covered.

Courses

ART

Course Title	Grade Level	Description	Credit
Digital Art	6-8, 9-12	Digital art is an artistic work or practice that uses digital technology as part of the creative or presentation process. It typically refers to any form of graphic art or digital imagery which is produced with the aid of a computer, or any types of art in which the role of the computer is emphasized. This course uses programs such as Google SketchUp to create graphic designs.	1
Visual Art	6-8, 9-12	This course covers correct use of all dry media; correct use and handling of the paint medium; working on varied surfaces; charcoal, scratchboard, crayon/oil pastel relief, collage, 3d sculpting, and print making. Students are required to explore many different subject areas, including portraits, still life, landscape, and design.	1

HEALTH & PHYSICAL EDUCATION

Course Title	Grade Level	Description	Credit
Health	6-8, 9-12	In this course, students will be introduced to various topics to help them to develop lifelong positive attitudes and behaviors. They will explore the importance of nutrition and making healthy decisions that allow them to stay active, safe, and informed. Students learn about the components of a healthy lifestyle and learn strategies for making healthy choices. Topics covered include personal and community health; mental, emotional, and social health; injury prevention and safety; nutrition and physical activity; alcohol, tobacco, and other drugs; growth, development, and sexual health.	½
Physical Education	6-8, 9-12	Physical Education provides students with a planned, sequential, standards-based program of instruction designed to develop motor skills, knowledge and behaviors for active living, physical fitness, sportsmanship, self-efficacy, and emotional intelligence. Students will practice the knowledge and skills they learn through physical activity and exercise. Utilizing well-designed tasks that allow for skill acquisition in an instructional climate focused on mastery, physical education addresses the three domains of learning: cognitive or mental skills, relating to the knowledge of movement; affective, which addresses growth in feelings or attitudes; and psychomotor, which relates to the manual or physical skills related to movement literacy.	½

LANGUAGE ARTS

Course Title	Grade Level	Description	Credit
English: Literature	6-8	This course explains elements of various forms of literature, including novels, short stories, poetry, drama, and non-fiction genres, including informational and biographical text. Students learn to apply close reading strategies and to analyze and apply writing techniques for narrative and expository writing.	1
English I	9	This course features lessons, projects, reading and writing activities that focus on building foundational literacy skills. English I offers an introduction to literary studies and continued skill development in grammar, punctuation, sentence structure, and vocabulary building. Students are measured through their mastery of communications using writing, visual presentations, and oral presentation skills. Using various fictional text sets, students will be exposed to and explore elements of fiction, including conflict, characterization, and universal themes. Students will be able to produce persuasive, argumentative, and expository writing samples.	1
English II	10	English II introduces students to both traditional and contemporary works from various cultures and backgrounds such areas as Asia, Latin America, Africa, and the Middle East. This course examines the relationship between cultures, literature, and historical events from different cultural perspectives around the globe. Students will gain cultural knowledge and understanding by analyzing the continually evolving relationships between cultures and regions and how these relationships coexist in the modern world.	1
English III	11	English III includes reading and analyzing selections of American literature for literary elements, devices, and structure; practicing narratives, exposition, persuasion and argumentative writing through extensive internet research, using various media outlets and formats. Students will continue their practice of mastering oral communication skills through oral, visual, and written work samples.	1
English IV	12	English IV Fourth year English incorporates lessons, projects, reading and writing activities that cover grammar, punctuation, vocabulary, and communication projects that build upon academic and workplace skills. This course focuses on British literature to further develop reading and writing skills, modes of reasoning, literary devices, forms and styles.	1

MATHEMATICS

Course Title	Grade Level	Description	Credit
Pre-Algebra	6-8	Pre-Algebra addresses concepts related to performing operations with integers and fractions, factoring, and simplifying expressions with exponents. This course shows how to solve multi-step equations and inequalities, and it presents concepts related to writing and solving proportions and percent problems. Students learn to recognize linear functions and their graphs, identify polygons and solids, solve for area and volume, and display data.	1
Algebra 1	9-12	Algebra I is designed to give students the skills needed to think algebraically. Content includes understanding the properties of numbers, modeling linear, quadratic, and exponential relationships, and graphing equations and inequalities. Students will become proficient with operations on monomial and polynomial expressions, solve linear equations, quadratic equations, inequalities, systems of equations, and data analysis.	1
Algebra 2	9-12	This course expands concepts students have previously worked on in Algebra I. Topics include solving equations, inequalities, and systems equations that contain radical expressions; rational exponents, and rational expressions; different functions including linear, quadratic, absolute value, and polynomial; probability and statistics.	1
Financial Math	9-12	Financial Math introduces students to the information needed to make the best decisions with money. In this advanced course, students learn the formulas used to determine account balances, monthly payments, total costs, and more. Incorporating real-world applications, they examine budgeting, spending, saving, investment, and retirement. Students explore mortgages and other debt structures, and how to make good decisions about borrowing money. This knowledge will propel students into the future with a good foundation on how to handle finances.	1
Geometry	9-12	In Geometry, students learn about geometric terms and processes, logic and problem solving, reasoning, developing proofs, and constructing figures. This course highlights reasoning and problem-solving skills gained through the study of areas, volumes, circles, coordinate geometry, and transformations. They explore the relationship between parallel and perpendicular lines and study quadrilaterals, right triangles, trigonometric ratios, transformations of plane figures, and the parts and properties of a circle.	1
Pre-calculus	9-12	Precalculus students will study polynomial functions, exponential and logarithmic functions, and rational functions. Topics include counting principles and probability, parametric curves, the polar coordinate system, and complex numbers in polar form. Students also will analyze vectors and conics, study systems of equations and matrices, and solve systems using matrices.	1

SCIENCE

Course Title	Grade Level	Description	Credit
Life Science	6-8	This course invites students to investigate the world of living things by exploring all aspects of life of earth. Students are introduced to concepts such as the characteristics of all living things, classifying organisms, evolution, taxonomy, domains and kingdoms, theories on the origin of life, workings of cells, viruses, bacteria, fungi, and plants.	1
Physical Science	6-8	This course presents the scientific method, foundational science facts that will assist students in advanced chemistry and physics courses. Students are introduced to concepts such as chemical interactions, chemical building blocks, motion, force, and energy, electricity and magnetism, and sound and light.	1
Biology	9-12	Biology addresses key concepts and processes including cells, cellular respiration, photosynthesis, genetics, and DNA. Students will explore cell structure and cellular processes, theories of evolution, classification, ecology, and human anatomy. Students will understand organisms' interactions with each other and their physical environment, develop an understanding of how human activities affect natural resources, and analyze and interpret data.	1
Chemistry: Physical Science	9-12	Chemistry is a physical science that will provide students with an in-depth study of the chemical world including topics such as states of matter, atomic theory, organization of the periodic table, chemical reactions, stoichiometry, flow of energy, acid-base theories, electromagnetic cells, polymerization, and nuclear chemistry. Students who complete this course will develop an understanding of the interconnections among the sciences, technology, and the environment, and are expected to demonstrate proficiency in obtaining, evaluating, and communicating scientific information.	1
Earth Science	9-12	In this course, students are introduced to Earth and the intricate workings of our Earth's systems. Weather, formation and movement of soil, glaciers, deserts, and alluvial landscapes, plate tectonics, and geologic time are some of the ideas covered in this course. Additionally, students learn about science as a process further exploring concepts such as oceanography, climate, early astronomy, and the Solar System.	1
Environmental Science	9-12	This course presents relationships between organisms and how these relationships relate to the functioning of ecosystems and shows thematic connections between a variety of science disciplines including biology, chemistry, and physics. Students learn the key concepts and processes of nutrient cycling, biomes, pollution, energy resources, human population growth, and habitat destruction. The course also covers ways to promote biodiversity and create a sustainable future.	1
Physics: Physical Science	9-12	Physics is a physical science that explores concepts regarding kinematics, dynamics, and waves. Students will dive into concepts such as Newton's laws of motion, thermodynamics, electricity, magnetism, optics, and nuclear physics. Students will learn to reason abstractly and quantitatively, synthesize information from a range of sources, and choose and interpret units in formulas. Calculations require an understanding of trigonometry and algebra.	1

SOCIAL STUDIES

Course Title	Grade Level	Description	Credit
Civics	6-8	In this course, students will learn about American society and its values, the need for a government, as well as the influences for the U.S. Government. Additionally, they will discover what it means to be a citizen, the rights, duties, and responsibilities of citizenship, and the different roles a citizen plays in society and government.	1
Geography	6-8	In this course, students first learn about the concepts and foundations for studying the five themes of geography, including key tools such as globes and maps. As students move through the course, they learn about Earth's physical geography as well as Earth's human geography, which includes the study of populations, migrations, economic and political systems, and different cultures of the world. In addition, students learn about Earth's environment and how people affect the environment.	1
Government	9-12	This course introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines concepts and themes, from the principles of government to civil rights, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments.	1
US History I	9-12	This course consists of lessons that begin with the American Revolution and ends with the start of the Progressive Era. Students will learn about important historical figures and significant events between 1776 and 1900. Students will gain an understanding of the political, economic, and social structures of the early years of the United States. They will also learn how and why the United States evolved during its first century of existence.	1
US History II	9-12	This course consists of lessons that begin with the Progressive Era and end with globalization and the twenty-first century. Students will learn about America's participation in the two world wars in the first half of the twentieth century. They will also learn about the boom in technology and globalization as well as continued conflict abroad at the turn of the twenty-first century.	1
World History	9-12	World History will trace developments from the Neolithic age to the present day. Exploring topics such as The Americas, Ancient Greece, Romans, the Renaissance, the Industrial Revolution, World War I and II, ending with Globalization and Trade today. Students will examine political, economic, social, religious, military, scientific, and cultural developments; develop a greater understanding of the evolution of global processes and contracts and how different human societies have interacted, as well as examine popular movements throughout the ages.	1

GED PREP

Course Title	Grade Level	Description	Credit
GED Language Arts	16+	This is a GED Preparatory course designed to prepare students to take the official Reasoning Through Language Arts GED test. This course takes students through effective reading strategies, characteristics of literature, writing and language skills, and the writing process. Students will be able to draw conclusions using supporting details, use reading and study strategies, identify and describe various literary elements, analyze a text to identify audience and purpose, analyze persuasion, word connotation, and content, rely on context, including connotation and denotation, determine meaning of words and phrases, identify the four functions of sentences and the four types of sentence structure, and the process of writing and presenting research papers.	1
GED Mathematics	16+	This is a GED Preparatory course designed to prepare students to take the official Mathematical Reasoning GED test. This course consists of lessons that take students through basic arithmetic, data analysis, algebra, and geometry. This course focuses on Quantitative Problem Solving and Algebraic Problem Solving. Students will learn to use properties of rational and irrational numbers, reason quantitatively and use units to solve problems, perform arithmetic operations with complex numbers, and use complex numbers in polynomial identities and equations.	1
GED Science	16+	This is a GED Preparatory course designed to prepare students to take the official Science GED test. This course is comprised of three branches of science: Life Science, Physical Science, and Earth and Space Science. Students learn about cellular structure and function, genetics, and ecology; matter, energy and chemical reactions, and laws of motion; Earth's energy resources, climate, and the solar system. Students will be defining terms, analyzing and interpreting data, applying scientific information and engaging in practices to build, deepen, and apply their knowledge of core ideas.	1
GED Social Studies	16+	This is a GED Preparatory course designed to prepare students to take the official Social Studies GED test. This course focuses on four content areas: US History, Civics and Government, Economics, and Geography. In addition to learning specific subject matter, students will learn to compare and contrast different forms of government, determine central ideas and draw conclusions from various sources, analyze relationships between materials, and interpret data.	1

DISCONTINUED COURSES

***Prior to our shift in content course specific destinations for individual youth; regardless of the length of their enrollment, students were assigned Integrated Courses as basic introduction to a blend of course content.**

Course Title	Grade Level	Description	Credit
Integrated English	9-12	Students in this class will work to develop their reading, writing, speaking, and interpersonal skills. Students will expand their vocabulary, refine their reading ability, and engage in formal and informal discussions. Cooperative learning (group work) is an important part of this class and will help develop a student's leadership skills in addition to improving collaboration techniques. A wide variety of texts will be used to expose students to different types of literature. Students will practice good writing techniques by using a variety of skills.	1
Integrated Math	9-12	In Integrated Math, students solved equations, inequalities, and systems equations graphically and algebraically. They also identified linear, quadratic, and exponential functions. Additionally, they summarized, represented, and interpreted data. Students learned about transformations and making geometric constructions. Finally, they studied quadrilaterals, similar polygons, right triangles, trigonometric ratios, and the parts and properties of a circle.	1
Integrated Science	9-12	Integrated Science was an entry-level course that covered the basic concepts found in Biology, Chemistry, and Physics. Topics included in this course are plant and animal cells; matter and energy; atoms and molecules. Students learned to analyze problems and solutions while integrating each area of science into real-world situations.	1
Integrated Social Studies	9-12	Integrated Social Studies exposed students to the basics of geography, ancient history and current events. Students will understand and explore various social aspects of the world around them to make informed decisions and become productive citizens. Students will be able to describe the world's geographical features and evaluate how geography affects human developments, analyze the way governments have formed and interacted with citizens, and compare the world we live in today with the various eras of governmental and economic change.	1

ELECTIVES

Course Title	Grade Level	Description	Credit
American Government	9-12	Students of this course will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of civics and American government. The course focuses on a variety of topics, including the Constitution, the structure and function of government, civil rights, economic policy, politics, and participation in the political process. This course supports student learning of core government and civics content as well as critical thinking and literacy skills.	½
Anatomy and Physiology	9-12	In this course, students will learn about anatomical structures and physiology of the human body. Body systems are discussed in terms of how each participates in homeostasis of the body. Students learn about selected major pathologies, including causes, symptoms, diagnostic procedures, and treatments, as well as common changes that occur through the life span.	½
Astronomy 1a: Introduction	9-12	Ever wondered how the Earth developed and exists in the vastness of space? How do the scientific laws of motion and gravity play a role in its existence? Discover answers to these questions and explore the origin of the universe, the Milky Way, and other galaxies and stars, including the concepts of modern astronomy and the methods used by astronomers to learn more about the universe.	½
Astronomy 1b: Exploring the Universe	9-12	Ready to explore our amazing and dynamic universe even further? You'll be taken on an exciting journey through the solar system to explore the sun, comets, asteroids, meteors, life cycles of stars, and planets' properties. Become familiar with the concepts of space travel and settlements, and what it could be like to live and work in space.	½
Biotechnology 1a: Introduction	9-12	In this course, students will discover how biotechnology has changed the world around us, from food to genetics; explore historical applications with modern discoveries; and understand how regulations and ethics govern the course of biotechnology and learn of its importance to the field of medicine.	½
Consumer Math	9-12	In this course, students will learn that money is lost or gained depending upon the information a consumer has to help her/him make informed decisions. By the end of this course, the student will understand the history of money, define fixed costs and discretionary spending, understand the importance of savings, and recognize the dangers of debt. This course will ask the student to look at financial choices including spending patterns, purchasing motivations, and how to make difficult decisions. Student will be able to differentiate between secured and unsecured debt, learn how to create a budget, examine a credit report, and discover the best way to increase income and decrease expenses.	½

Creative Writing	9-12	Creative writing allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. This course provides students with a solid grounding in the writing process, from finding inspiration, to building a basic story, to using complicated literary techniques and creating hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to turn their creative thoughts into fully realized pieces of creative writing.	½
Criminology	9-12	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.	½
Culinary Arts: Food and Nutrition	6-8, 9-12	Through hands-on activities and in-depth study of the culinary arts field students will learn about the history and development of the food service industry, the basics of nutrition and different dietary needs, and laws and regulations governing food service. This course assists students in understanding the role of nutrition in health and wellness. Students will also develop fundamental culinary arts skills, including how to read and follow recipes, understand weight and measurements used in the food service industry, and how to be safe and sanitary in the kitchen.	½
Digital Photography 1a: Introduction	9-12	Have you wondered how professional photographers manage to capture that perfect image? Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer.	½
Digital Photography 1b: Creating Images with Impact!	9-12	Digital Photography 1b will further develop your photography skills by learning more professional tips, tricks, and techniques to elevate your images. Explore various photographic styles, themes, genres, and artistic approaches. Learn more about photojournalism and how to bring your photos to life, and using this knowledge, build a portfolio of your work to pursue a career in this field!	½
Digital Photography 2: Discovering Your Creative Potential	9-12	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.	½

Fashion Design	9-12	In this course, students will learn what it takes to get started in the fashion industry, from exploring diverse career paths in fashion to mastering design fundamentals, communication skills, and sewing techniques, this course covers essential topics for aspiring fashion professionals. Students will learn to curate clothing, understand sustainable fashion, and develop entrepreneurial skills necessary for success in the industry. Through hands-on projects and real-world applications, they'll gain the knowledge and confidence to pursue a rewarding career in fashion, whether as a designer, stylist, or entrepreneur.	½
Forensic Science 1: Secrets of the Dead	9-12	Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, students will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.	½
Forensic Science 2: More Secrets of the Dead	9-12	Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence and testing that takes place within this setting. Students will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined.	½
Foundations of Game Design 1a: Introduction	9-12	This course is for students whose love of video games motivates them to pursue a career in this field. Students will pursue their passion by learning about the principles of game design through the stages of development, iterative process, critiques, and game development tools, culminating with the opportunity to create their very video game.	½
Game Design 1B: Building a Game	9-12	Building upon the prerequisite, this course delves into advanced concepts in game development, from storytelling to production techniques used by industry professionals. Through hands-on projects and practical exercises, students will explore the intricacies of 3D modeling, level design, game programming, sound design, and quality assurance, students will gain valuable insights applicable to certification exams and future career opportunities in the dynamic field of game design.	½

Geography A	9-12	This course address key concepts of physical and human geography. Students will be able to identify and discuss the importance of the five themes of geography, learn the basic components of a map, identify global themes, and make global connections. It presents information about the United States, Canada, Latin America, and Western Europe.	½
Geography B	9-12	This course address key concepts of physical and human geography. Students will be able to identify and discuss the importance of the five themes of geography, learn the basic components of a map, identify global themes, and make global connections. It presents information about Central Europe, Northern Eurasia, Central and Southwest Asia, Africa, South Asia, East Asia, the Pacific world, and Antarctica.	½
Great Minds in Science	9-12	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.	½
Human Development & Wellness	9-12	This course is valuable for all students as a life foundation; it is especially relevant for students interested in careers impacted by individuals' physical, social, emotional, and moral development and wellness across their lifespan. Some major topics include principles of human development and wellness; impacts of family on human development and wellness; practices that promote human development and wellness; and career exploration in human development and wellness. Life events and contemporary issues addressed in this course include (but are not limited to) change, stress, abuse, personal safety, and the relationships among lifestyle choices, health and wellness conditions, and diseases.	½
Human Geography	9-12	In this course, students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form and learn how beliefs and architecture are part of a larger culture complex. In addition to introducing students to the field of Human Geography, this course will teach students how to analyze humans and their environments.	½
Interior Design	9-12	This course will help students who have a flair for designing and decorating, turn their interests and skills into a career. Students will explore color, texture, trends, and styles over time, how homes are built, and "green" options for homes and businesses. Interior designers do it all—from planning the color scheme to choosing furniture and light fixtures—with the end goal of creating a space where people can live or work comfortably, safely, and happily.	½

Introduction to Agriscience	9-12	In this course, students explore how agriscientists play key roles in improving agriculture, food production, and the conservation of natural resources along with the technologies used to keep the field thriving. Students will also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade.	½
Introduction to Anthropology	9-12	Introduction to Anthropology focuses on humanity's past, present, and future by exploring the evolution, similarities, and diversity of humankind through time. The course considers how humans evolved from a biologically and culturally weak species to a more powerful one that has the ability to cause catastrophic change. Students will be asked to consider the problems humans face in biological, social, and cultural life.	½
Marine Science 1a: Introduction	9-12	From tiny puddles to vast oceans, water allows for processes that impact all things around us from wildlife and the air we breathe to our health and more! In this course, you will examine the essential nature of water and how its special properties support all life on Earth. Through the lens of the Scientific Method, you will engage with scientific inquiry to study aquatic ecosystems and how water, land, and weather all work together to create unique living environments.	½
Marine Science 1b: Our Blue Planet	9-12	In this course, you will discover more about the role we play in both threatening and protecting water sources. You will explore climate change and other events that concern Earth's water sources and expand your knowledge of marine science careers. You will also plan and execute a cumulative research project exploring an aquatic environment near you using the Scientific Method. Let's dive in and continue your exploration of the World's water!	½
Music Appreciation	9-12	Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.	½
Mythology & Folklore	9-12	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 used to shape society today.	½

Personal & Family Finance	9-12	This course introduces students to basic financial habits such as setting financial goals, budgeting, and creating financial plans. Students will learn more about topics such as taxation, financial institutions, credit, and money management. The course also addresses how occupations and educational choices can influence personal financial planning, and how individuals can protect themselves from identity theft.	½
Personal Finance	9-12	Personal Finance prepares students for making sound financial decisions through real-world applications. Topics include financial and career planning, banking, credit, and debt. Students will also learn about savings and investments programs and will begin to evaluate stocks, bonds, mutual funds, and real estate. This course provides students with the basics to protecting finances, exploring concepts such as tax strategies, insurance, retirement, and estate planning.	1
Personal Fitness	9-12	Personal Fitness looks at the aspects of living a healthy and balanced life. Throughout the course, students will learn the relationship between physical, mental, and social health as they explore topics including: effective communication, building healthy relationships, peer pressure, the effects of violence, coping mechanisms, and how to set goals. Additionally, students will learn basic first aid procedures, what to do in medical emergencies, and how to keep their homes safe. Student will also gain an understanding of the proper ways to exercise and diet, and learn how to assess their own fitness level.	1
Personal Psychology 1: The Road to Self-Discovery	9-12	In this course, you'll explore the broad scope of psychology from biology's impact on our psychological makeup to society's impact on who we become. You'll look closely at the changing and sometimes conflicting thoughts of researchers and scientists and how the field of psychology has changed. You'll also explore clinical psychology and how people find treatment. Let's begin the journey to discovery today!	½
Personal Psychology 2: Living in a Complex World	9-12	Enrich the quality of your life by learning to understand the actions of others! Topics include the study of memory, intelligence, emotion, health, stress and personality. This course offers exciting online psychology experiments about the world around us.	½
Public Speaking	9-12	This course provides students with a basic understanding of public speaking and how to prepare and present a variety of speeches. Students learn strategies to effectively communicate, to adapt to different audiences, and to practice organizational methods to create engaging speech content. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use.	½

Reading and Writing for Purpose	9-12	As you move through high school to college or to your career, the types of writing and documents become more high stakes. Real-world information can be journalistic and researched-based articles, legal, insurance, college entrance forms, employment, vehicle-related documents, and more. Learn how to critically read, write, and evaluate real-world writings to set you up for your future success.	½
Sociology	9-12	In this increasingly connected world, students will examine problems in our society and learn how human relationships can influence the life of the student. Exciting online video journeys to different areas of the world are also presented in the course.	½
Urban Gardening	6-8, 9-12	This course addresses the importance and significant value of gardening in an urban setting. Through hands-on lessons students are invited to explore sustainable garden science, botany and plant growth, plant materials, food security, landscape design and maintenance, farm animal care, and careers related to gardening.	½

EXPLORATORY COURSES

Exploratory courses offer students personal development and intellectual growth opportunities. Students who take part in these courses will be exposed to higher learning opportunities and/or gain knowledge about areas of interest. <u>These are non-credit bearing courses</u>

Course Title	Grade Level	Description
Concepts of Engineering and Technology	9-12	In Concepts of Engineering and Technology, students will learn more about engineering and technology careers and what skills and knowledge they'll need to succeed in these fields. They'll explore innovative and cutting-edge projects that are changing the world we live in and examine the design and prototype development process. Concepts of Engineering and Technology will also help them understand the emerging issues in this exciting career field.
Entrepreneurship: Starting Your Business	9-12	Discover what is needed to operate a personal business from creating a plan, generating financing, and pricing products to marketing services and managing employees. Explore topics such as identifying the best business structure, business functions and operations, finance, business laws, regulations, and more. If you've ever dreamed of being a true entrepreneur but feel daunted by the prospect, this is your chance to learn all you need to know.
Health Science: Nursing 1	9-12	Learn what it takes to become a nurse, pursue a career, and understand the practice of nursing and the healthcare system. With a strong focus on patient care, you'll explore safety, communication and ethics, relationship building, and how to develop wellness strategies for your patients. From emergency to rehabilitative care, to advances and challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others.

Introduction to Cosmetology 1A	9-12	Students will study the growth of the cosmetology industry and learn about career opportunities while examining skills and characteristics that make up a good cosmetologist. Health and safety procedures, basic human anatomy, and ethical and legal conduct are analyzed along with chemistry as it applies to skin, hair, and nail treatments. This course will provide students with valuable foundation knowledge to begin their journey as a cosmetologist.
Introduction to Cosmetology 1B	9-12	In this course, trends and advances will be examined through studying various skin disorders, infection control measures, paraffin treatments, nail sculpting, and the basics of manicures and pedicures. Additionally, students will explore specific nail care techniques by applying and maintaining nail tips, acrylic, gel, and nail wraps.
Introduction to Manufacturing	9-12	Think about the last time you visited your favorite store. Have you ever wondered how the products you buy make it to the store shelves? Whether it's video games, clothing, or sports equipment, the goods we purchase must go through a manufacturing process before they can be marketed and sold. In this course, students will learn about the types of manufacturing systems and processes used to create the products we buy every day. Students will also be introduced to the various career opportunities in the manufacturing industry including those for engineers, technicians, and supervisors. As a culminating project, students will plan their own manufacturing process for a new product or invention!
Manufacturing 1A: Introduction	9-12	Learn about the types of manufacturing systems and processes used to create the products we purchase every day! Discover the various career opportunities in the manufacturing industry, including engineers, technicians, and supervisors. You will also examine valuable skills for success such as work ethic, time management and workplace expectations. In addition, explore the manufacturing process, how inventory is managed, and how quality is measured, ensuring a thorough introduction to manufacturing!
Manufacturing 1B: Product Design and Innovation	9-12	Building on the prior prerequisite course, you will be introduced to systems and manufacturing engineering, and learn to design and produce your own engineering drawings. Safety in manufacturing, workers' rights, and government regulations are discussed as well as specializations in manufacturing. Finally, in the final project, you will plan your own manufacturing process for a new product or invention!
Psychology A	9-12	This is the first of two courses that comprise Psychology. This course begins with a historical review of how man has sought to explain human behavior from ancient times to today. The student will learn about the research methods that are applied to the field and how the scientific method of inquiry moved psychology from quaint parlor tricks like hypnosis and mesmerism to serious inquiry that utilizes hard science to prove theories. The student will also learn about the amazing brain and will explore the workings of the normal brain. The student will learn about all of the major physical and psychological changes that mark the development of a human's existence and a variety of theories that outline these processes.

Psychology B	9-12	This is the second of two courses that comprise Psychology. The course begins with an exploration of what makes individuals different from one another and the notion of personality. The student will dissect the widely divergent and often contradictory personality theories. The student will tie together their knowledge of the biological basics of behavior with the major personality theories in order to understand the complex mental processes of learning, memory, thought, and language. Finally, the student will shift his focus from normal to abnormal behavior, and in doing so, study the theories related to life adjustment, stress, psychological breakdown and methods of therapy.
Real World Parenting	9-12	The process of parenting is more than just having a child and making sure they eat, sleep, and get to school on time. Throughout this course, students will learn what to prepare for, what to expect, and what vital steps a parent can take to create the best environment and life for their child. Parenting roles and responsibilities; nurturing and protective environments for children; positive parenting strategies and effective communication in parent/child relationships are some of the topics covered in this course.
Veterinary Science	9-12	Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times…we humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues is studied and applied.