Online PROGRAM

Curriculum Guide

2019-2020

LINCOLN INTERNATIONAL ACADEMY

A CATHOLIC COLLEGE PREPARATORY SCHOOL

NCA CASI • NWAC • SACS CASI
ACCREDITED
AdvancED

Open to Students from any School.

From individual course to full-time enrollment.

COURSE OFFERINGS

Catholic Virtual offers classes at the high school, middle school and elementary grade levels. In partnership with world class curriculum providers, we offer students rigorous, challenging courses in an online environment.

Students may take classes on grade level, or they may choose honors and advanced level classes. All of our Advanced Placement Courses have been College Board Approved to be designated as AP® courses on a high school transcript.

In addition, we offer a wide variety of exceptional programs designed to meet the needs of students with alternative and exciting scheduling needs.

ADDITIONAL COURSES AVAILABLE FOR SCHOOL PARTNERS UPON REQUEST.

HIGH SCHOOL:

English Course Offerings

English I *(1.0 credit)*
Survey of Literature Grade Level: 9-12

This course has been especially designed to integrate all aspects of the Language Arts Standards into engaging and interactive units organized around reading, writing, and comprehension skills. Students will dissect the basic elements of plot, setting, mood, character development, narrative devices, theme, and author's perspective. Students will analyze arguments and establish patterns of persuasion. Students will analyze explanatory and functional texts. They will synthesize information from different texts, analyze characters, understand character traits and motivation, as well as analyze character traits. They will be exposed to themes in literature, genres and paradox. Students will also create monologues, compare film and written versions of text, cite evidence, compare and contrast texts, as well as interpret graphic aides. Students are challenged to tap into the power of research, with units on investigating and the discovery of writing. This course not only examines the process of writing, vocabulary development, and research skills in English, but it reinforces students' strengths in the study of other disciplines such as science, math, world languages, and social studies. Students will explore these strengths through interactive, as well as traditional, learning exercises as they enhance their study of Language Arts while mastering the technological skills necessary in today's academic environment.

English I Honors *(1.0 credit)*
Survey of Literature Honors Grade Level: 9-12

This course has been especially designed to integrate all aspects of the Language Arts Standards into engaging and interactive units organized around reading, writing, and comprehension skills. Students will dissect the basic elements of plot, setting, mood, character development, narrative devices, theme, and author's perspective. Students will analyze arguments and establish patterns of persuasion. Students will analyze explanatory and functional texts. They will synthesize information from different texts, analyze characters, understand character traits and motivation, as well as analyze character traits. They will be exposed to themes in literature, genres and paradox. Students will also create monologues, compare film and written versions of text, cite evidence, compare and contrast texts, as well as interpret graphic aides. Students are challenged to tap into the power of research, with units on investigating and the discovery of

writing. This course not only examines the process of writing, vocabulary development, and research skills in English, but it reinforces students' strengths in the study of other disciplines such as science, math, world languages, and social studies. Students will explore these strengths through interactive, as well as traditional, learning exercises as they enhance their study of Language Arts while mastering the technological skills necessary in today's academic environment.

English II *(1.0 credit)*

World Literature Grade Level: 9-12

This course has been especially designed to integrate all aspects of the Language Arts Standards into engaging and interactive units organized around reading, writing, and comprehension skills. Students will dissect the basic elements of plot, setting, mood, character development, narrative devices, theme, and author's purpose. Students will critique arguments and establish patterns of persuasion. They will delve into the language of poetry and experience author's style and voice. They will be exposed to history and culture by way of Greek Tragedy and Medieval Romance. Students will also experience firsthand the Shakespearian Drama by way of The Tragedy of Julius Caesar. Students are challenged to tap into the power of research, with units on investigating and the discovery of writing. This course not only examines the process of writing, vocabulary development, and research skills in English, but it reinforces students' strengths in the study of other disciplines such as science, math, world languages, and social studies. Students will explore these strengths through interactive, as well as traditional, learning exercises as they enhance their study of Language Arts while mastering the technological skills necessary in today's academic environment.

Pre-Requisites: English I recommended

English II Honors *(1.0 credit)*

World Literature Honors Grade Level: 9-12

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and social studies. Students will explore these strengths through interactive, as well as traditional, learning exercises as they enhance their study of Language Arts while mastering the technological skills necessary in today's academic environment.

English III *(1.0 credit)*

American Literature Grade Level: 9-12

This course has been especially designed to integrate all aspects of the Language Arts Standards into engaging and interactive units organized around reading, writing, and the comprehension of different text selections from American literature. The students explore passages from the emerging American nation from 1600-1800 with Early American Writings, they celebrate the Individual from 1800-1855 with The American Romanticism Movement, they explore an age of transition from 1855-1870 with pieces from the Romantic Movement to Realism, they capture the American Landscape from 1870-1910 with excerpts from Regionalism and Naturalism, they are exposed to passages changing awareness from 1910-1940 encompassing the Harlem Renaissance and Modernism, they arouse new perspectives with Contemporary Literature from the 1940's to the present day, and then they are challenged experience the power of research in a unit on investigation and the discovery into writing. This course not only examines the process of writing, vocabulary development, and research skills in English, but it reinforces their strengths in their study of other disciplines such as science, math, world languages, and social studies. Students will explore these strengths through interactive, as well as traditional, learning exercises as they enhance their study of Language Arts while mastering the technological skills necessary in today's academic environment.

Pre-Requisites: English I & II recommended

English III Honors *(1.0 credit)*

American Literature Honors Grade Level: 9-12

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strengths in their study of other disciplines such as science, math, world languages, and social studies. Students will explore these strengths through interactive, as well as traditional, learning exercises as they enhance their study of Language Arts while mastering the technological skills necessary in today's academic environment.

English IV *(1.0 credit)*

British Literature Grade Level: 9-12

This course has been especially designed to integrate all aspects of the Language Arts Standards into engaging and interactive units organized around reading, writing, and the comprehension of different text selections from British literature. Students explore passages from The Anglo-Saxon and Medieval Periods circa 449-1485, The Origins of a Nation. They delve into The English Renaissance, circa 1485-1660, and explore The Restoration and the 18th Century from 1660-1798. Students are expected to capture the essence of the Flowering of Romanticism, circa 1798-1832 and are exposed to an era of rapid change in the Victorian Age from 1832-1901. Pieces of modern and contemporary Literature, circa 1901's to the present day are explored, and students are challenged to tap into the power of research, with units on investigating and the discovery of writing. This course not only examines the process of writing, vocabulary development, and research skills in English, but it reinforces students' strengths in the study of other disciplines such as science, math, world languages, and social studies. Students will explore these strengths through interactive, as well as traditional, learning exercises as they enhance their study of Language Arts while mastering the technological skills necessary in today's academic environment.
Pre-Requisites: English I, II & III recommended

English IV Honors *(1.0 credit)*

British Literature Honors Grade Level: 9-12

This course has been especially designed to integrate all aspects of the Language Arts Standards into engaging, advanced, and interactive units organized around reading, writing, and the comprehension of different text selections from British literature. Students explore passages from The Anglo-Saxon and Medieval Periods circa 449-1485, The Origins of a Nation. They delve into The English Renaissance, circa 1485-1660, and explore The Restoration and the 18th Century from 1660-1798. Students are expected to capture the essence of the Flowering of Romanticism, circa 1798-1832 and are exposed to an era of rapid change in the Victorian Age from 1832-1901. Pieces of modern and contemporary Literature, circa 1901's to the present day are explored, and students are challenged to tap into the power of research, with units on investigating and the discovery of writing. This course not only examines the process of writing, vocabulary development, and research skills in English, but it reinforces students' strengths in the study of other disciplines such as science, math, world languages, and social studies. Students will explore these strengths through interactive, as well as traditional, learning exercises as they enhance their study of Language Arts while mastering the technological skills necessary in today's academic environment.

Based on the results of the Advanced Placement® (AP®) exam, college credit may be awarded by participating colleges and universities for all courses listed as AP®.

AP® English Language and Composition *(1.0 credit)*

Grade Level: 10-12

This course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Students who successfully complete this course should be well prepared to take the AP® English Language and Composition exam.

AP® English Literature and Composition *(1.0 credit)*

Grade Level: 10-12

The AP® English Literature course is characterized by in-depth literary and analytical study of some of the most influential literary texts. [SC1] There will be a substantial amount of writing; on the average, students will complete one composition weekly, one major essay every six weeks, and numerous projects. [SC6] Students will prepare for the AP® English Literature Exam and may be granted advanced placement, college credit, or both because of satisfactory performance. As this is a college-level course, performance expectations are high, and the workload is challenging. Often, this work involves long-term writing and reading assignments, so effective time management is important. Because of the demanding curriculum, students must bring to the course sufficient command of mechanical conventions and an ability to read and discuss prose. This course will follow a "Module" approach so that each module is a three-week segment, with twelve modules. Throughout this yearlong course, we will review previous AP® Exams so students will not be surprised when they take the exam in early May. Our initial of consideration of literature will be organized around a discussion of genre. [SC3] We will expand our focus to include studying common elements of fiction including theme, structure, setting, character, plot, point-of-view, and author's perspective by analyzing short stories. [SC2] [SC4] This discussion will then broaden and deepen as we dissect novels, dramas, and works of poetry. We will ultimately combine these genres as we study the poetic systems. Literary traditions, character archetypes, narratives structures and literary themes, which are associated with the "the epic."

Mathematics Course Offerings

Algebra I *(1.0 credit)*
Grade Level: 9-12

This course is the foundation for high school mathematics courses. It is the bridge from the concrete to the abstract study of mathematics. The main goal of Algebra is to develop fluency in working with linear equations and provide a formal development of the algebraic skills and concepts necessary for students to succeed in a wide range of advanced math and science courses. Students will extend their experiences with tables, graphs, and equations and solve linear equations, inequalities, and systems of linear equations and inequalities, as well as begin the process of working with polynomials and quadratic relationships. Algebra I students will extend their knowledge of the number system to include irrational numbers and generate equivalent expressions and use formulas.
Pre-Requisites: MJ Pre-Algebra

Algebra I Honors *(1.0 credit)*
Grade Level: 9-12

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Algebra II *(1.0 credit)*
Grade Level: 9-12

A primary goal of Algebra 2 is for students to conceptualize, analyze, and identify relationships among functions. In this course, the basic concepts from Algebra 1 are enriched. Topics include equations and inequalities, linear equations, linear systems and matrices, quadratic functions and factoring, polynomials, rational exponents and radical functions, exponential and logarithmic functions, rational functions, quadratic relations and conic sections, Trigonometric ratios and functions, Trigonometric graphs, identities, and equations, counting methods and probability, data analysis and statistics, and sequences

and series and ideas of limits and the calculus. This course also ties together many of the ideas from arithmetic and geometry.

Pre-Requisites: Algebra I

Algebra II Honors *(1.0 credit)*

Grade Level: 9-12

A primary goal of Algebra 2 is for students to conceptualize, analyze, and identify relationships among functions. In this course, the basic concepts from Algebra 1 are enriched. Topics include equations and inequalities, linear equations, linear systems and matrices, quadratic functions and factoring, polynomials, rational exponents and radical functions, exponential and logarithmic functions, rational functions, quadratic relations and conic sections, Trigonometric ratios and functions, Trigonometric graphs, identities, and equations, counting methods and probability, data analysis and statistics, and sequences and series and ideas of limits and the calculus. This course also ties together many of the ideas from arithmetic and geometry.

Pre-Requisites: Algebra I

Pre-Calculus *(1.0 credit)*

Grade Level: 9-12

The Pre-Calculus course is designed for students who want to be better prepared for Calculus. However, the standard Pre-Calculus course is not just a preparation course for scenarios. This course gives examples of real problems for real people. Covering a mix of topics from trigonometry, vectors, two variable and multivariable systems of equations and inequalities, matrices, sequences, series, probability, and analytic geometry. Pre-Calculus is a challenging yet fulfilling curriculum.

Calculus *(1.0 credit)*

Grade Level: 9-12

Welcome to the Introductory Calculus course. This course is divided into two semesters and is designed to acquaint you with calculus principles such as derivatives, integrals, limits, approximation, and applications and modeling. During this course, you will gain experience in the use of calculus methods and learn how calculus methods may be applied to practical applications. Upon completion of this course you will: be able to work with functions represented in a variety of ways: graphical, numerical, analytical, or verbal; understand the connections among these representations; understand the meaning of the derivative in terms of a rate of change and local linear approximation be able to use derivatives to solve a variety of problems; be able to use derivatives to solve a variety of problems; understand the meaning of the

definite integral both as a limit of Riemann sums and as the net accumulation of change; be able to use integrals to solve a variety of problems; and understand the relationship between the derivative and the definite integral as expressed in both parts of the fundamental theorem of calculus.

Pre-Requisites: Pre-Calculus

Geometry *(1.0 credit)*

Grade Level: 9-12

Geometry introduces the study of points, segments, triangles, polygons, circles, solid figures, and their associated relationships as a mathematical system. Within this course, students will have the opportunity to make conjectures about geometric situations and prove in a variety of ways, both formal and informal, that their conclusion follows logically from their hypothesis. Geometry is meant to employ an integrated approach to the study of geometric relationships; Integrating synthetic, transformational, and coordinate approaches to geometry, students will justify geometric relationships and properties of geometric figures. Students will extend their pre-existing experiences with algebra and geometry to trigonometry, coordinate geometry, and probability. The main goal of Geometry is for students to develop a Euclidean geometric structure and apply the resulting theorems and formulas to address meaningful problems. Geometry is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from the other sciences.

Pre-Requisites: Algebra I or its equivalent

Geometry Honors *(1.0 credit)*

Grade Level: 9-12

Geometry Honors introduces the study of points, segments, triangles, polygons, circles, solid figures, and their associated relationships as a mathematical system. Within this course, students will have the opportunity to make conjectures about geometric situations and prove in a variety of ways, both formal and informal, that their conclusion follows logically from their hypothesis. Geometry is meant to employ an integrated approach to the study of geometric relationships; Integrating synthetic, transformational, and coordinate approaches to geometry, students will justify geometric relationships and properties of geometric figures. Students will extend their pre-existing experiences with algebra and geometry to trigonometry, coordinate geometry, and probability. The main goal of Geometry is for students to develop a Euclidean geometric structure and apply the resulting theorems and formulas to address meaningful problems. Geometry is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from the other sciences.

Pre-Requisites: Algebra I or its equivalent

Statistics *(1.0 credit)*
Grade Level: 9-12

This course is a practical hands-on approach to the study of statistics and probability. The topics include the use of graphs such as histograms, stem plots, time plots, and scatter plots to display data, using numbers such as median, mean, and standard deviation to describe data, and evaluating data distribution. Students examine relationships using correlations and least square regressions. They calculate the probability of simple and compound events. They learn to estimate with confidence as well as to explore tests of significance, and to evaluate the validity of statistics contained within published reports.

Statistics Honors *(1.0 credit)*
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AP® Calculus AB *(0.5 credit)*
Grade Level: 10-12

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Daily preparation is required for success Calculus AB. This course fulfills the requirements for preparation for Advanced Placement Calculus AB exam.

AP® Calculus BC *(1.0 credit)*
Grade Level: 10-12

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Daily preparation is required for success in Calculus BC. This course fulfills the requirements for preparation for the Advanced Placement Calculus BC exam.

AP® Statistics *(0.5 credit)*
Grade Level: 9-12

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

Science Course Offerings

Anatomy & Physiology *(1.0 credit)*
Grade Level: 9-12

This course covers the basics of human anatomy and physiology including anatomical terminology, basic biochemistry, cells and tissues, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. This course also introduces common human disease processes and will prepare students to take advanced anatomy and physiology courses.

Biology *(1.0 credit)*
Grade Level: 9-12

This course investigates the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of biotic and a biotic component of the environment, and mechanisms that maintain continuity and lead to changes in populations over time. Students explore biological concepts through an inquiry approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Cells, Interdependence, Flow of Matter and Energy, Heredity, and Biodiversity and Change.

Biology Honors *(1.0 credit)*
Grade Level: 9-12

This course investigates the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of biotic and abiotic components of the environment, and mechanisms that maintain continuity and lead to changes in populations over time. Students explore biological concepts through an inquiry approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Cells, Interdependence, Flow of Matter and Energy, Heredity, and Biodiversity and Change.

Chemistry *(1.0 credit)*
Grade Level: 9-12

This course builds on topics introduced in Chemistry. This course investigates chemical bonding and how the kinetic molecular theory and intermolecular forces explain the physical and chemical characteristics of matter. Additional aspects of chemical reactions including limiting reactants, percent yield, equilibrium, reaction rates, and thermo chemistry are considered. Students explore chemistry concepts through an inquiry-based approach.

Chemistry Honors *(1.0 credit)*
Grade Level: 9-12

This course builds on topics introduced in Chemistry with an integration of real-world application. This course investigates chemical bonding and how the kinetic molecular theory and intermolecular forces explain the physical and chemical characteristics of matter. Additional aspects of chemical reactions including limiting reactants, percent yield, equilibrium, reaction rates, and thermo chemistry are considered. Students explore chemistry concepts through an inquiry-based approach. Embedded standards for Inquiry, Mathematics, and Technology & Engineering are taught in the context of the content standards for Structure of Matter, States of Matter, and Reactions.

Physics *(1.0 credit)*
Grade Level: 9-12

This course examines the relationship between matter and energy and how they interact. This course will have a strong emphasis in the mathematics of physics. Students explore physics concepts through an inquiry-based approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Mechanics, Thermodynamics, Waves and Sound, Light and Optics, Electricity and Magnetism and Atomic & Nuclear Science.

Physics Honors *(1.0 credit)*
Grade Level: 9-12

This course examines the relationship between matter and energy and how they interact. This course will have a strong emphasis in the mathematics of physics. Students explore physics concepts through an inquiry-based approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Mechanics, Thermodynamics, Waves and Sound, Light and Optics, Electricity and Magnetism and Atomic & Nuclear Science.

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AP® Biology *(1.0 credit)*

Grade Level: 10-12

This course engages in an in-depth study of the principles of biology. This course emphasizes internal and external anatomical structures and tier functions, the environmental interaction of organisms, processes of living things, mechanisms that maintain homeostasis, biodiversity and changes in life forms over time. Students explore biological concepts through an inquiry approach. Embedded standards for inquiry, technology and engineering, and mathematics are taught in the context of the content standards for cells, interdependence, flow of matter, energy, heredity, biodiversity change, comparative anatomy, physiology and botany. Students will also be introduced to the theme of modern environmental and social concerns through biology via online journal articles.

AP® Chemistry *(1.0 credit)*

Grade Level: 10-12

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students in AP Chemistry should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. This course will reinforce the chemical principles learned in college-prep chemistry such as the periodic table, chemical formulas and equations, stoichiometry, and chemical bonding. This course will also include new topics such as the hybrid theory, the molecular orbital theory, organic chemistry, chemical kinetics, chemical equilibrium, and thermo chemistry.

Pre-Requisites: Chemistry & Algebra I and II

AP® Physics *(1.0 credit)*

Grade Level: 10-12

This is a college level course designed to give the student an understanding of physical theory and principles. The subject matter includes the interaction of matter and energy, fluid mechanics, thermal physics, electricity, magnetism, and nuclear and atomic physics. The AP® Physics course designed for students with strong mathematics and problem-solving skills and with outstanding expository writing skills. It is designed as a senior year course for the student who is an independent learner, and students who intend to select careers in science, medicine, engineering, or the applied sciences.

Social Studies Course Offerings

Economics *(0.5 credit)*
Grade Level: 9-12

Economics is the study of how humans make decisions in the face of scarcity. These can be individual decisions, family decisions, business decisions or societal decisions. If you look around carefully, you will see that scarcity is a fact of life. Scarcity means that human wants for goods, services and resources exceed what is available. Resources, such as labor, tools, land, and raw materials are necessary to produce the goods and services we want but they exist in limited supply. Of course, the ultimate scarce resource is time-everyone, rich or poor, has just 24 expendable hours in the day to earn income to acquire goods and services, for leisure time, or for sleep. At any point in time, there is only a finite amount of resources available.

Economics Honors *(0.5 credit)*
Grade Level: 9-12

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Ethics *(0.5 credit)*
Grade Level: 9-12

This course helps 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 become acquainted with the foundations of ethical thought and theories and gain an insight into the process of moral development. Students also identify typical fallacies in flawed moral arguments, and are given the opportunity, both orally and in writing, to apply the skills they acquire to real life moral dilemmas.

Personal Finance *(0.5 credit)*
Grade Level: 9-12

The Personal Finance course pertains to the study of learning the ideas, concepts, knowledge and skills that will enable students to implement beneficial personal decision-making choices; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit and money managers; and to be participating members of a global workforce and society.

Psychology *(1.0 credit)*

Grade Level: 9-12

Psychology is a course designed to focus on the scientific and systematic analysis of human and animal behavior. Students will investigate psychological facts, principles, and phenomena associated with each of the major subfields within psychology, as well as the ethics and methods psychologists use in their science and practice. This course will help students gain an understanding of human behavior in others and within themselves, to gain a better understanding of how a community or social group functions for either simple to complex social systems.

United States Government *(0.5 credit)*

Grade Level: 9-12

U.S. Government will introduce to students the main concepts that have become inherent within our modern government. Students will learn the function of political systems, the purpose of a party system, how policy is decided, elections, voting, and the basic ideas that are associated with being a participant within a political system of a complex national government. Students will look at the development of our government from its inception to the modern incarnation that it has become. A primary goal of this course will be to teach students the concepts associated with the idea of civil efficacy.

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U.S. History *(1.0 credit)*

Grade Level: 9-12

American History is a course that expands upon basic skills and knowledge acquired from previous history/social studies classes. Students within this course will take their broader knowledge of historical study and American history and apply it to a more specific era within the United States' history. This course will closely exam American history following the era of post-Reconstruction, to illustrate the dynamic growth and change of the nation following the most devastating era of US history, the Civil War. During this course, students will focus on such themes as, cultural immigration, ethnic diversity, social problems, political developments, religious diversity, economic s, international diplomacy.

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World Cultures/Geography *(1.0 credit)*

Grade Level: 9-12

World Cultural Geography is a humanities course that introduces students to the variety of lifestyles, ideas, beliefs, and identities that exist within our world. In addition to exploring regional differences around the globe, students will also learn how cultural identity developed from the past to the present by overcoming geographical barriers such as mountain ranges & water systems. Cultural transmission & diffusion, technological progress & exchange, necessity & invention are some of the concepts that will be explored by students in this course to gain an appreciation for their culturally diverse world.

World History *(1.0 credit)*

Grade Level: 9-12

The purpose of World History is to explore the variety of cultures, beliefs and lifestyles that have existed throughout the globe from the earliest days of human existence. This course will connect students to the world of the past to help them gain an understanding of human progression, and an appreciation for the countless achievements that were necessary to allow us to exist in our modern world.

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AP® Human Geography *(1.0 credit)*
Grade Level: 10-12

This course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). Students who successfully complete this course should be well prepared to take the AP® Human Geography exam.

AP® Macroeconomics *(0.5 credit)*
Grade Level: 9-12

The purpose of an AP course in Macroeconomics is to provide a thorough understanding of the principles of economics and how economists use those principles to examine aggregate economic behavior. Students learn how the measures of economic performance, such as gross domestic product (GDP), inflation, and unemployment are constructed and how to apply them to evaluate the macroeconomic conditions of an economy. The course recognizes the global nature of economics and provides ample opportunities to examine the impact of international trade and finance on national economies. Various economic schools of thought are introduced as students consider solutions to economic problems.

AP® Psychology *(1.0 credit)*
Grade Level: 10-12

This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

AP® United States Government and Politics *(0.5 credit)*

Grade Level: 9-12

AP® U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

AP® U.S. History *(1.0 credit)*

Grade Level: 10-12

The AP® U.S. History course is designed to explore specific areas in U.S. history and use a wider range of analytical techniques to gain a better understanding of how culture, ideas, technology, beliefs, and knowledge are transmitted from one era to another, and from generation to the next. Students within the AP® course will be expected to approach the subject of American History with more academic diligence, by being current with all readings and assignments & integrating ideas and concepts learned in previous history classes.

AP® World History *(1.0 credit)*

Grade Level: 10-12

Advanced Placement World History is a challenging course that is structured around the investigation of selected themes woven into key concepts covering distinct chronological periods. AP® World History is equivalent to an introductory college survey course. The course has a three-fold purpose. First, it is designed to prepare students for successful placement into higher-level college and university history courses. Second, it is designed to develop skills of analysis and thinking in order to prepare students for success in the twenty-first century. Finally, it is the intent of this class to make the learning of world

history an enjoyable experience. Students will be able to show their mastery of the course goals by taking part in the College Board AP® World History Exam at the end of the school year.

World Language Course Offerings

French I *(1.0 credit)*
Grade Level: 9-12

French 1 has been carefully designed to focus on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Each unit embodies all these standards in accordance with the theories described in this document. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

French II *(1.0 credit)*
Grade Level: 9-12

French 2 has been carefully designed to focus on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Each unit embodies all these standards in accordance with the theories described in this document. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

German I *(1.0 credit)*
Grade Level: 9-12

The German I course is designed to develop the skills of communication in the language with primary emphasis on listening, speaking, and development of basic grammar skills. German culture related to the topics of study is also introduced. Various activities are used to reinforce new material and enrich the course.

German II *(1.0 credit)*

Grade Level: 9-12

This is a second level basic course in speaking, writing, listening and reading in German. Cumulative Projects will be integrated as well as readings and dialogues that are relevant and practical to everyday situations. Various class activities such as songs, mini-stories, language and culture videos, language games, etc. are used to facilitate student learning.

Latin I *(1.0 credit)*

Grade Level: 9-12

Latin 1 has been carefully designed to focus on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Each unit embodies all these standards in accordance with the theories described in this document. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

Latin II *(1.0 credit)*

Grade Level: 9-12

Latin 2 has been carefully designed to focus on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Each unit embodies all of these standards in accordance with the theories described in this document. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

Latin III *(1.0 credit)*

Grade Level: 9-12

Latin 3 has been carefully designed to focus on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Each unit embodies all of these standards in accordance with the theories described in this document. Unit activities blend different

forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

Spanish I *(1.0 credit)*

Grade Level: 9-12

Spanish 1 has been carefully designed to focus on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Each unit embodies all these standards in accordance with the theories described

in this document. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

Spanish II *(1.0 credit)*

Grade Level: 9-12

Spanish 2 has been carefully designed to focus on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Each unit embodies all these standards in accordance with the theories described in this document. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

Spanish III Honors *(1.0 credit)*

Grade Level: 9-12

Spanish 3 has been carefully designed to focus on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Each unit embodies all these standards in accordance with the theories described in this document. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-

checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

Based on the results of the Advanced Placement® (AP®) exam, college credit may be awarded by participating colleges and universities for all courses listed as AP®.

AP® French Language & Culture *(1.0 credit)*

Grade Level: 10-12

AP® French Language and Culture is a rigorous course taught exclusively in French that focuses on proficiency across the three modes of communication: Interpretive, Interpersonal and Presentational. Students are exposed to authentic materials that are representative of the French-speaking world. Materials include but are not limited to a variety of different media, including newspaper and magazine articles, literary works, podcasts, videos, movies and blogs. Students are expected to communicate at the Advanced level as defined in the ACTFL Performance Guidelines.

AP® Latin Language & Culture *(1.0 credit)*

Grade Level: 10-12

AP® Latin focuses on the in-depth study of selections from two of the greatest works in Latin literature: Vergil's Aeneid and Caesar's Gallic War. The course requires students to prepare and translate the readings and place these texts in a meaningful context, which helps develop critical, historical, and literary sensitivities. Throughout the course, students consider themes in the context of ancient literature and bring these works to life through classroom discussions, debates, and presentations. Additional English readings from both of these works help place the Latin readings in a significant context.

AP® Spanish Language & Culture *(1.0 credit)*

Grade Level: 10-12

AP® Spanish Language and Culture is a rigorous course taught exclusively in Spanish that focuses on proficiency across the three modes of communication: Interpretive, Interpersonal and Presentational. Students are exposed to authentic materials that are representative of the Spanish-speaking world. Materials include but are not limited to a variety of different media, including newspaper and magazine articles, literary works, podcasts, videos, movies and blogs. Students are expected to communicate at the Advanced level as defined in the ACTFL Performance Guidelines.

Physical Education Course Offerings

HOPE – Health Opportunities in Physical Education *(0.5 credit)*

Grade Level: 9-12

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. The course will provide opportunities to set goals to prepare for and implement healthy actions. You will engage in daily physical activity, design a personal fitness plan, and monitor your progress as you implement your fitness plan. Nutrition and other healthy lifestyle topics are covered.

Computer Science & Technology Course Offerings

Augmented and Virtual Reality *(0.5 credit)*

Grade Level: 9-12

Separating hype from reality is hard… especially in the fast-growing and evolving space of augmented and virtual reality (AR/VR). Recent advances in technology has allowed AR/VR systems to become extremely sophisticated and realistic. This course introduces students to the technologies that underpin AR/VR systems. Then the course walks through 5 applications of AR/VR and how they will change and impact numerous aspects of our lives and the economy. Students will also learn about and discuss the risks and side effects of these systems, including health, privacy, and ethical implications.

Cyber Security Fundamentals *(1.0 credit)*

Grade Level: 9-12

This course introduces students to cyber security and provides them with essential computer and networking knowledge and skills, particularly those related to cyber security. The course provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and cyber security-related careers in the Information Technology career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of cyber-security.

Digital Information Technology *(1.0 credit)*
Grade Level: 9-12

This course is designed to introduce information technology concepts and careers. Students will explore the impact that modern information technology has had on the world, people, and industry. The content includes understanding of basic computer hardware and software, hands-on Microsoft Office 2010 training, and integration of core education skills. Beginning this year, Microsoft Office Certification will be a major impetuous of this course. Students will be able to receive industry certification in the following Microsoft Office products: Excel, PowerPoint, Word, Outlook, and Access. Microsoft industry certifications are some of the most rigorous, in-depth, and challenging exams any student can undertake. Successful completion of the certification process will give our students a highly competitive edge in today's job market.

Digital Design I *(1.0 credit)*
Grade Level: 9-12

This course is designed to develop the entry-level skills required for careers in digital design. The content includes computer skills; digital publishing concepts and operations; layout, design, and measurement activities; digital imaging; communication, collaboration and decision-making activities; critical thinking and problem-solving. This course aligns with the Florida Department of Education CTE Standards and Benchmarks. It is complimented with an alignment of lessons necessary to prepare students to sit for the InDesign CC 2015 Exam and obtain an Adobe Certificated Associate (ACA) InDesign CC 2015 certification. ****Master Project(s) Required Materials: InDesign and Photoshop CC software. This can be purchased online as a monthly subscription and canceled once you have completed the class or submitted your final project.****

Digital Design II *(1.0 credit)*
Grade Level: 9-12

This course continues the development of entry-level skills required for careers in digital design. The content includes computer skills; digital publishing operations; layout, design, and measurement activities; digital imaging; communication, collaboration and decision-making activities; critical thinking and problem solving. This course aligns with the Florida Department of Education CTE Standards and Benchmarks. It is complimented with an alignment of lessons necessary to prepare students to sit for the Illustrator CC 2015 Exam and obtain an Adobe Certificated Associate (ACA) Illustrator CC 2015 certification. ****Master Project(s) Required Materials: Illustrator CC software. This can be purchased online as a monthly subscription and canceled once you have completed the class or submitted your final project.****

Digital Production for Music *(1.0 credit)*
Grade Level: 9-12

This course is designed for anyone interested in producing music on his or her computer, regardless of style, this course provides an overview of the wide range of tools available to the modern electronic musician. Through hands-on exercises and projects, you'll experience the process of producing a piece of music with your computer, from developing the original musical idea through distributing a final mix. This course will teach you not only how to design and configure an electronic music studio that supports your creative goals, but also how to understand and utilize the most popular tools and techniques

employed by electronic musicians. You'll learn how to set up audio interfaces,

microphones, MIDI sequencers, synthesizers, drum machines, and more to effectively create and produce your music ideas.

E-Sports and The History of Video Games *(0.5 credit)*
Grade Level: 9-12

In this course, students will learn about the technologies and design principles that have been the foundation the development of video game technology over the last 50 years. Students will examine and discuss the impact of video games on culture and the economy. Students will learn about the current gaming and e-sports landscape, including strategies and techniques of top teams and individuals. This course will also discuss the risks and dangers of video games and understand how to set appropriate time and content parameters. Finally, the course will identify career paths and opportunities for those who are passionate about gaming.

Flying Cars and The Future of Transportation *(0.5 credit)*
Grade Level: 9-12

This course introduces students to the newest and most cutting-edge futuristic transportation technologies out there. Students gain familiarity with the history of transportation development and understand a framework with which to evaluate new transportation modes. Then the course dives into 10 different technologies on the horizon. Students examine the technologies, the pros and cons of each mode, and explore potential career paths in these emerging fields.

Future of Space Travel *(0.5 credit)*
Grade Level: 9-12

This course introduces students to the history and near future of space travel. Students will explore the possibilities of moon bases, Mars colonies, and visiting the outer planets in our solar system and their moons. Students will also discuss important ethical and legal issues around space exploration, such as asteroid mining and war in space. The course gives an expansive view of the technologies, science, and theories that will make farfetched dreams into realities during the student's lifetime.

How to Make a Video Game Design *(0.5 credit)*
Grade Level: 9-12

This course introduces students to the newest and most cutting-edge futuristic transportation technologies out there. Students gain familiarity with the history of transportation development and understand a framework with which to evaluate new transportation modes. Then the course dives into 10 different technologies on the horizon. Students examine the technologies, the pros and cons of each mode, and explore potential career paths in these emerging fields.

Introduction to Bitcoin and the Future of Money *(0.5 credit)*
Grade Level: 9-12

Upon completion of this course, students will understand bitcoin, including its history, development, and context within the modern global economy. Students will learn the basic cryptographic principles that underlie bitcoin and gain confidence by demonstrating strong security principles in storing and transaction bitcoin. Key principles such as mining, wallets, and hashing will be introduced. And finally, they will be familiarized with the nascent industry of digital currencies and how they function.

Introduction to Blockchain Technology *(0.5 credit)*
Grade Level: 9-12

Blockchain seems to be the latest buzzword that the business world is taking about. But what is it? And why should a high school student care? This course will seek to answer those questions. It will strip away the layers of complexity and sophistication to help students understand the key concepts of the blockchain. The course will introduce and discuss areas where blockchain has the greatest potential.

Introduction to Careers in Dentistry *(0.5 credit)*

Grade Level: 9-12

This course introduces students to the exciting and varied career opportunities in the dentistry profession, from dental assistant all the way up through oral surgeon. Students will review the history of dentistry globally and in the U.S. and will learn key dental terminology. The course will introduce the roles and tasks done as well as skills and education required of nearly every member of the dental staff. Students will gain an understanding of what it takes to perform each position, and how they work together.

Introduction to the Future of Transportation *(0.5 credit)*

Grade Level: 9-12

This course will start by reviewing the history of transportation and how key inventions of transportation modes led to big changes in society. It takes a look at where we stand today, including problems with our current infrastructure and transportation systems. Finally, the module introduces some of the newest emerging transportation technologies like flying cars, hyperloop, and driverless cars, just to name a few.

Introduction to the Internet of Things *(0.5 credit)*

Grade Level: 9-12

First, we had the internet of computers. Then with the advent of email and social media, along with mobile technology, it became the internet of people. Today's world is increasingly becoming the internet of things. With advances in battery power, sensors, and computer chips, more and more devices are being connected to the internet. This will allow them to be monitored, controlled, and used more effectively for people and businesses. This course will examine the trends and opportunities surrounding the Internet of Things. Students will learn about the technologies, hardware, and software that underpin the Internet of Things. The course will examine a variety of end-market applications in our homes, businesses and cities. Finally, students will learn about the many career opportunities that the Internet of Things will enable.

Introduction to Wall Street and Financial Careers *(0.5 credit)*

Grade Level: 9-12

This course introduces students to the challenging and lucrative world of finance. While "Wall Street" may still get a bad rap after the 2008 financial crisis, finance careers still remain highly sought after and can be highly rewarding. The course reviews key financial terms and examines various groups, positions, and roles within financial institutions. Students will learn about resumes, interviews, and networking. Students will also discuss ethics on Wall Street and the role of finance within society.

Networking I *(1.0 credit)*
Grade Level: 9-12

This course is designed to develop competencies needed for employment in network support positions. The content includes instruction in basic hardware configuration, hardware and software troubleshooting, operating systems, and computer networking.

Networking II *(1.0 credit)*
Grade Level: 9-12

This course is designed to provide individuals with the knowledge necessary to understand and identify the tasks involved in supporting operating system within a large networking environment.

Robotics and Artificial Intelligence *(0.5 credit)*
Grade Level: 9-12

It seems like many elementary to high school robotics courses are focused on coding a simple robot to move its mechanical arm up and down. This course, in contrast, teaches students what a robot is and how it relates to other key technologies such as artificial intelligence and machine learning. Then the course examines 10 applications of robots and how they will change and impact various aspects of our lives and the economy. Will robots simply steal our jobs, or will they be a tool that will create new opportunities and even free humans to use our creativity and curiosity to their full potential? Students will grapple with this and many other questions as they explore this vital, future-focused subject.

Wearable and Implantable Technology *(0.5 credit)*
Grade Level: 9-12

From hearing aids to pedometers to smart watches, humans have made and worn devices to overcome physical deficiencies, count their steps, and communicate. With the continue miniaturization of chips and sensors, combined with increasing sophistication of artificial intelligence, wearable technology has proliferated into countless end-markets. This course will introduce students to wearable technologies and the components and software that make these technologies possible. The course will also evaluate several applications of wearable technologies in various industries. Finally, the course will examine and discuss the implications of wearable technology, including its pros and cons, and potential implications to our health, privacy, and society.

Other Elective Offerings

Business Management *(0.5 credit)*
Grade Level: 9-12

Management is the process of using organizational resources effectively and efficiently to achieve organizational goals through planning, organizing, leading/directing, and evaluating/controlling. Management education helps students understand and analyze various management theories and apply them to the workplace. Management education also helps students understand basic management functions, their interrelationships, and the organization's competitive niche. Successful managers are able to maximize the utilization of human resources. They are leaders who understand the benefits of teamwork and consensus building inside and outside an organization's operations. They recognize the importance of technology and information management in the decision-making process and the value of ethics and social responsibility in building and maintaining business relationships. And like entrepreneurs, successful managers know that the ability to discern and respond quickly to changing economic conditions and new business opportunities is crucial to remaining viable in the marketplace. The study of management is an essential component in the design and delivery of the business education curriculum. The standards outlined in this section provide a solid framework for helping students build a strong knowledge base and develop effective management skills. Mastery of these standards will help students lay the groundwork for managerial competence in the global marketplace.

Business Entrepreneurship *(0.5 credit)*
Grade Level: 9-12

Business Entrepreneurship focuses on recognizing a business opportunity, starting a business based on the recognized opportunity, and operating and maintaining that business. All students benefit from developing an appreciation for and understanding of entrepreneurship in our economy: most of the jobs (both professional and technical) created in recent years have been in the small business sector. Forecasts indicate that this trend will continue. Entrepreneurial skills are necessary not only for students who will become entrepreneurs, but also for individuals working in the increasingly competitive corporate world. Entrepreneurship is a natural fit for business education because entrepreneurship integrates the functional areas of business—accounting, finance, marketing, and management—and the legal and economic environments in which any new venture operates. Today, entrepreneurial ventures are particularly impacted by the development of technology and by the Internet and the rise of e-commerce. These updated standards reflect this impact with their inclusion of performance expectations related to recognizing the importance of technology to business operations and performance; surveying the range of electronic tools now available for business record keeping; and using interactive Internet technologies

(blogs, webcasts, etc.) to identify and solve various business problems, including developing a business "presence" on the Internet. As indicated in these standards, instruction in entrepreneurship begins with developing an appreciation for the "entrepreneurial mindset" and for the fundamentals of beginning a new business venture in students in intermediate and middle school grades, and then advancing to more abstract applications at the upper educational levels. Considering the ever-changing nature of the workplace, few subjects provide knowledge that is more valuable to all students across all curriculum areas, regardless of their career orientation.

Creative Photography *(0.5 credit)*

Grade Level: 9-12

This course focuses on the basics of photography with an emphasis on digital 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 using a point-and-shoot camera. Using basic techniques students will gain a literacy of form and camera functions. Students will to build a portfolio of images in the vPortfolio. Students will need a camera. Cell phone cameras for the introductory course will work well if they can upload their images to the course.

College and Career Readiness *(0.5 credit)*

This course incorporates language study, the practice of writing craft strategies, and the analysis of writing selections to develop critical writing skills necessary for success in college courses, preparing students for successful completion of extensive grade-level writing.

Investigating Careers *(1.0 credit)*

Grade Level: 9-12

The Investigating Careers course is designed to provide students a unique opportunity to explore personal attributes that influence future academic and professional decisions and to consider the factors that create a meaningful, fulfilling life, in the professional world.

Medical Terminology *(1.0 credit)*

Grade Level: 9-12

Students interested in a career in any medical-related field will benefit from the foundation provided in Medical Terminology. Filmed in 3-D, the course incorporates numerous charts and diagrams to reinforce the relevance of the terms.

Music Appreciation *(1.0 credit)*
Grade Level: 9-12

This course provides an overview of the development of western music from Pre-Renaissance to Modern times on the European continent and in America. The focus is on select composers and how they influenced musical styles – and on enjoying our rich heritage of music.

Principles of Business, Marketing and Finance *(0.5 credit)*
Grade Level: 9-12

This CTE Business course provides a basic business, marketing and finance background for students looking for a career in business or for students desiring further preparation before entering college in a business and finance related major.

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AP® Music Theory *(1.0 credit)*
Grade Level: 9-12

This rigorous Music Theory course provides students with an in-depth foundation of music theory, including the elements of musical composition. It is an excellent preparation for students desiring a music-related career and for those planning to take the AP® Music Theory exam.

LINCOLN INTERNATIONAL ACADEMY | Online PROGRAM

A CATHOLIC COLLEGE PREPARATORY SCHOOL

MIDDLE SCHOOL:

Middle School Course Offerings

MJ Language Arts, 8th Grade *(1 year)*

Grade Level: 8

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. The content should include, but not be limited to the following: using the reading process to construct meaning from a wide range of literary, informational, and technical texts; using the writing process to communicate information and ideas; using listening, viewing, and speaking strategies; understanding the power of language and using language in authentic contexts; and understanding the common features of a variety of literary forms.

MJ Mathematics, 8th Grade *(1 year)*

Grade Level: 8

Grade 8 Mathematics is the last in 3-class series-preparing students for entry into High School Algebra. This course continues the study of whole numbers, fractions, decimals, and percentages, helping students make the transition from arithmetic to algebra. Students are introduced to integers, solving equations, and the basics of algebra early in the course. Problem solving, applications, and communication are integrated throughout the course. Students in grade eight mathematics will continue to extend and build upon their foundation of basic understandings of numbers, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; measurement, probability and statistics, and problem solving.

MJ Physical Science *(1 year)*

Grade Level: 8

Physical Science is the study of matter and energy. Students in the Physical Science course study the basic components that matter is made of, as well as different forms of energy that make things move and change. Enlightening, on-screen demonstrations of the concepts being taught bring the science to life and enhance student understanding.

MJ U.S. History *(1 year)*

Grade Level: 8

American History is a course that introduces students to the role the United States has played throughout our modern and post-modern world. Within this course students will learn to take the basic knowledge acquired in earlier social studies classes and apply them to a narrow historical subject area in order to appreciate & understand the complexity of being a part of our modern and varied society. Ethnic diversity, economic issues, political developments, cultural tensions, diplomatic interactions, religion, war, and social change are some of the main themes that will be covered and analyzed within this course.

MJ Language Arts, 7th Grade *(1 year)*

Grade Level: 7

Seventh grade literature focuses on World Literature, reading skills, poetry, composition, grammar concepts, vocabulary study, and research skills. This course emphasizes the practice of comprehensive study of reading skills, vocabulary, grammar for writing, and writing. Students use writing, vocabulary, and research skills in their study of other disciplines such as science, math and social studies; these skills are reinforced through this literature course.

MJ Mathematics, 7th Grade *(1 year)*

Grade Level: 7

The 7th grade Math course is designed to build on the foundations from the 6th Grade course as well as introducing the students to some foundational concepts of Pre-Algebra. The curriculum spans a wide range of proficiencies, which include measurement, geometry, formulas, percentages, probability, integers, number theory, and percentages. Review of basic operations with decimals and fractions is incorporated throughout the year and problem solving is emphasized. This course prepares the students for 8th grade algebra study.

MJ Earth Science *(1 year)*

Grade Level: 7

The Earth Science course provides an opportunity to study the earth on which we live. The course investigates the earth's structure and composition, its changing surface and the role that energy plays in earth systems. It explores the earth's ecological resources and atmosphere, its water cycle and weather. It further discusses the earth's landmasses and its relationships with its neighbors in space. Along the way, students are shown who to use scientific thinking, investigations, tools and technologies.

MJ World History *(1 year)*
Grade Level: 7

This course is designed to provide students with knowledge, skills, and values essential to understand world history. Divided into three major themes – civilization, global connections, and religion – this course targets global systems and processes, sources of conflict and cooperation, and major movements influencing the modern world. While civilizations vary significantly throughout history, it is important to apply parallel studies by comparing the geographic forces, economies, political systems, cultural achievements, technological advancements, and social relations evident in civilizations representing diverse geographic locations and a range of eras.

MJ World Geography *(1 year)*
Grade Level: 7

Geography is course designed to not only transmit basic knowledge of the physical world in which we live, but to understand how the physical world has affected the various peoples found throughout our planet. Within this class, students will learn key issues to human development such as, the importance of river & water systems, geographical barriers, & climate as it has applied to human/cultural development. Students should gain an Appreciation and understanding for the adaptability and creativity that cultures throughout history have displayed in exploring our world.

MJ Language Arts, 6th Grade *(1 year)*
Grade Level: 6

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. The content should include, but not be limited to the following: using the reading process to construct meaning from a wide range of literary, informational, and technical texts; using the writing process to communicate information and ideas; using listening, viewing, and speaking strategies; understanding the power of language and using language in authentic contexts; and understanding the common features of a variety of literary forms.

MJ Mathematics, 6th Grade *(1 year)*
Grade Level: 6

The sixth-grade math curriculum is designed for students to master whole number concepts, operations, and problem solving. Throughout the course, students will master the four arithmetic operations with whole numbers, positive fractions, positive decimals, and positive and negative integers. Students

conceptually understand and work with ratios and proportions as well as percentages. Students will then apply their knowledge to statistics and probability. Students should develop a working understanding of the concepts of mean, median, and mode of data sets and how to calculate the range. They will apply their knowledge to analyze data and sampling processes for possible bias and misleading conclusions. They use addition and multiplication of fractions routinely to calculate the probabilities for compound events. Geometry, measurement, an introduction to equations is covered, as well as an introduction to algebra, including solving 1-linear equations.

MJ Life Science, 6th Grade *(1 year)*

Grade Level: 6

In Life Science, students study living organisms, including plants, animals and human beings. Beginning with a review of the basics of science, such as the scientific method, the course begins with cellular organization and discussing the organization of living things. Particular emphasis is placed on human biology.

MJ Ancient Civilizations *(1 year)*

Grade Level: 6-8

Studying ancient civilizations is one of the most fascinating areas of all human history for the precise reason that it is human history. As we learn more about those who have come before us, we understand more about ourselves in this modern age and how we have come to be. From empires to city-states, the historical civilizations from around the world have each made a contribution to the development of mankind.

MJ Personal Finance *(1 year)*

Grade Level: 6-8

From financial responsibility, to career and income planning, to basic economics and entrepreneurship, Middle School Personal Finance is designed to prepare students for a successful life by teaching mindfulness and responsibility with finances.

Middle School Elective Course Offerings

Introduction to Coding 1 *(1 year)*
Grade Level: 6-8

Students will be led through activities with incrementally more advanced building blocks. Each block is similar in structure to the syntax and style of real building blocks. As students learn to program by snapping blocks together, they are laying a foundation for more advanced programming language. Students will learn about conditional statements, loops, and functions.

Introduction to Coding 2 *(1 year)*
Grade Level: 6-8

Introduction to Coding 2 is the second coding course on how to code first with building blocks and then with JavaScript source code. With building blocks, everything is done using blocks that snap together in an intuitive way. The blocks are used to help introduce students to the JavaScript syntax. Students will study fundamental programming concepts, as well as practice writing their own source code.

MJ Health *(1 year)*
Grade Level: 6-8

In this course, behavioral patterns will be established in order to assist students in achieving complete health. Complete health is accomplished by having a balance of physical, mental, social, and emotional well-being.

MJ French I *(1 year)*
Grade Level: 6-8

MJ French I introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. In addition, culture, connections, comparisons, and communities are included in this course.

MJ German I *(1 year)*
Grade Level: 6-8

MJ German I introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. In addition, culture, connections, comparisons, and communities are included in this course.

MJ Spanish I *(1 year)*

Grade Level: 6-8

MJ Spanish I introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. In addition, culture, connections, comparisons, and communities are included in this course.

ELEMENTARY SCHOOL:

Elementary Course Offerings

Language Arts, 5th Grade *(1 year)*
Grade Level: 5

Language Arts emphasizes instruction in the areas of reading comprehension, decoding, spelling, vocabulary strategies, grammar, and writing. The program provides ample practice and application of these skills using a variety of resources and activities. Reading selections include genres such as humorous fiction, realistic fiction, historical fiction, science fiction, as well as narrative nonfiction, biographies, informational text, and persuasive text. Throughout this course, connections are made to the disciplines of science, social studies, and poetry.

Mathematics, 5th Grade *(1 year)*
Grade Level: 5

This course develops the students' higher-order thinking and provides explicit in-depth instruction in fundamental mathematical concepts, such as place value and the interrelatedness of operations, and in skills such as algorithms and data analysis. Attention is also focused on helping students become fluent in math vocabulary, and throughout the program, students are encouraged to reflect on mathematical processes and patterns. This course uses varied approaches to problem-solving strategies to help students build a true concept of what mathematics is and what it means to "do" math.

Science, 5th Grade *(1 year)* Grade Level: 5 *(1 year)*

Science promotes active learning through a blend of print, inquiry, and digital experiences. In this course, the students will explore how scientists work, the engineering process, cells to body systems, how living things grow and reproduce, ecosystems, energy, natural resources, changes to Earth's surface, the rock cycle, fossils, Earth's oceans, the solar system and the universe, matter, light and sound, and forces and motion.

Social Studies, 5th Grade *(1 year)*
Grade Level: 5

Have you ever wondered how the United States of America came to be and how it is past affects you today? This year you will find out. You will discover what it was like to live during the time when important events in our nation took place. You will learn about some of the people who took part in those events and about the place where each event happened.

Language Arts, 4th Grade *(1 year)*

Grade Level: 4

Language Arts emphasizes instruction in the areas of reading comprehension, decoding, spelling, vocabulary strategies, grammar, and writing. The program provides ample practice and application of these skills using a variety of resources and activities. Reading selections include genres such as humorous fiction, realistic fiction, historical fiction, science fiction, as well as narrative nonfiction, biographies, informational text, and persuasive text. Throughout this course, connections are made to the disciplines of science, social studies, and poetry.

Mathematics, 4th Grade *(1 year)*

Grade Level: 4

Mathematics provides the opportunity for lifelong learning skills for students by developing information and communication skills, higher-order thinking skills, problem-solving skills, independent learning as well as providing real-world connections to mathematics. Critical areas of study found in this course cover: Place Value and Operations with Whole Numbers to develop understanding and fluency with multi-digit multiplication, and developing understanding of dividing to find quotients involving multi-digit dividends; Fractions and Decimals to develop an understanding of fraction and decimal equivalence, addition and subtraction of fractions with like denominators; and multiplication of fractions by whole numbers; Geometry, Measurement, and Data, to include a growing understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry.

Science, 4th Grade *(1 year)*

Grade Level: 4

Science promotes active learning through a blend of print, inquiry, and digital experiences. In this course, the students will explore how scientists answer questions about the world around us by carrying out careful investigations; and how engineers use a process to design products and processes that solve human problems. Students will learn how living things adapt for survival in their environment; and how both living and nonliving parts of an ecosystem affects one another. Students will study weather and how

the movement of the water cycle influences it. Students will explore objects in space including Earth and its moon. They will investigate the properties of matter and the physical and chemical changes it can undergo. Students will learn about energy, electricity, and motion.

Social Studies, 4th Grade *(1 year)*

Grade Level: 4

Have you ever wondered what makes up the United States of America? You know that it is made up of 50 states, but do you know what those states are like? This year, you will find out. You will study the geography of the United States. Geography is the study of the Earth's surface and the ways people use it. You will also learn about history, economics, government, and culture. You will learn how areas change over time. You will find out how people change the places they live and are changed by these places. Throughout your study, you will also discover the importance of place.

Language Arts, 3rd Grade *(1 year)*

Grade Level: 3

Language Arts emphasizes instruction in the areas of reading comprehension, phonics, spelling, vocabulary strategies, grammar, and writing. The program provides ample practice and application of these skills using a variety of resources and activities. Reading selections include genres such as humorous fiction, realistic fiction, fantasy, legends, historical fiction, readers' theater as well as biographies and informational text throughout this course; connections are made to the disciplines of science, social studies, and poetry.

Mathematics, 3rd Grade *(1 year)*

Grade Level: 3

Mathematics provides the opportunity for lifelong learning skills for students by developing information and communication skills, higher-order thinking skills, problem-solving skills, independent learning as well as providing real-world connections to mathematics. Critical areas of study found in this course cover: Whole Number Operations, including multiplication and division within 100; Fractions, highlighting unit fractions; Measurement, developing understanding of the structure of rectangular arrays and of area; Geometry, describing and analyzing two-dimensional shapes.

Science, 3rd Grade *(1 year)*
Grade Level: 3

Science promotes active learning through a blend of print, inquiry, and digital experiences. In this course, the students will explore how scientists raise questions about Earth and the universe and seek answers by careful investigation; how technology is all around us and how the design process is used to develop new types of technology to meet people's needs. Students will learn about the cycle of growth and adaptations for survival. They will study how all-living, once-living, and nonliving things interact in an ecosystem; how living things use Earth's resources to meet their needs. They will explore the importance of water and the sun as an energy source for the water cycle and weather. They will discover that matter has properties that can be observed, described, and measured.

Social Studies, 3rd Grade *(1 year)*
Grade Level: 3

Social Studies explores different communities. You will find out about what it was like to live in a different time. You will meet people from communities in other states and countries. You will visit many places to find out how people in different communities live.

Language Arts, 2nd Grade *(1 year)*
Grade Level: 2

Language Arts emphasizes instruction in the areas of reading comprehension, phonics, spelling vocabulary strategies, grammar, and writing. The program provides ample practice and application of these skills using a variety of resources and activities. Reading selections include genres such as realistic fiction, humorous fiction, plays, fables, folktales, poetry, as well as, informational text and biographies.

Mathematics, 2nd Grade *(1 year)*
Grade Level: 2

Mathematics provides the opportunity for lifelong learning skills for students by developing information and communication skills, higher-order thinking skills, problem-solving skills, independent learning as well as providing real-world connections to mathematics. Critical areas of study found in this course cover: Number Sense and Place Value to extend understanding of base-ten notation; Building fluency with Addition and Subtraction; Measurement and Data, using standard units of measure.

Science, 2nd Grade *(1 year)*

Grade Level: 2

Science promotes active learning through a blend of print, inquiry, and digital experiences. In this course, the students will learn that scientists ask questions about the world around them and find answers through many methods of investigation; will learn how technology affects our everyday life and can affect the environment around us. Students will study the many kinds of animals, the environments in which they live, and their needs to live and grow. They will learn how fossils help us in identifying animals that lived long ago. The students will study plants and their parts. They will investigate the Earth's resources like rock, plants, and water and the changes that can occur to the Earth's surface. Students will measure and track weather and study the changes that occur day to day and from season to season. Students will learn about our solar system. The properties of matter are explored. They will investigate heat, light, and sound as forms of energy, and magnets.

Social Studies, 2nd Grade *(1 year)*

Grade Level: 2

Social Studies explore the question: Do you ever wonder about people who lived in a different time or place? This year you will be learning about how families have changed over time. You will meet special people who we remember for the important work they have done. In addition, you will visit places near and far. You will see where people live and how they use the land around them.

Language Arts, 1st Grade *(1 year)*

Grade Level: 1

Language Arts emphasizes instruction in the areas of phonics, high-frequency words, reading comprehension, spelling, vocabulary strategies, grammar, and writing. The program provides ample practice and application of these skills using a variety of resources and activities. Reading selections include genres such as poetry, realistic fiction, fantasy, fables, fairy tales, readers' theater, as well as, informational text and biographies.

Mathematics, 1st Grade *(1 year)*

Grade Level: 1

Mathematics provides the opportunity for lifelong learning skills for students by developing information and communication skills, higher-order thinking skills, problem solving skills, independent learning as well as providing real-world connections to mathematics. Critical areas of study found in this course cover:

Operations with Algebraic Thinking to develop an understanding of Addition and Subtraction within 20; Number and Operations in Base Ten to develop an understanding of whole number relationships and place value; Measurement and Data to develop an understanding of linear measurement and measuring lengths as iterating length units; Geometry, reasoning about attributes of, and composing and decomposing geometric shapes.

Science, 1st Grade *(1 year)*

Grade Level: 1

Science promotes active learning through a blend of print, inquiry, and digital experiences. In this course, the students will explore how scientists work; the technology that is all around us; animals, plants, and the environments in which they live; Earth's resources; weather and seasons, objects in the sky; solids, liquids, and gases; and forces and energy.

Social Studies, 1st Grade *(1 year)*

Grade Level: 1

Social Studies investigates social groups and interactions in school, community, and work, and begins to explore aspects of our environment such as weather, along with innovations that affect our lives and people who have shaped our nation.

Language Arts, Kindergarten *(1 year)*

Grade Level: K

Kindergarten Language Arts emphasizes instruction in the areas of letter names, phonics, high-frequency words, oral vocabulary, vocabulary strategies, reading and listening comprehension, listening and speaking, grammar, and writing. The program provides ample practice and application of these skills using a variety of resources and activities. Reading selections include genres such as realistic fiction, poetry and lullabies, fantasy, fairy tales, fables, as well as, concept books and informational text.

Mathematics, Kindergarten *(1 year)*

Grade Level: K

Kindergarten mathematics provides the opportunity for lifelong learning skills for students by developing information and communication skills, higher-order thinking skills, problem solving skills, independent learning as well as providing real-world connections to mathematics. Critical areas of study found in this

course cover Numbers and Operations as well as Measurement and Data, by representing, relating, and operating on whole numbers, initially with sets of objects. This course also includes a critical area of study in Geometry and Positions by describing shapes and space.

Science, Kindergarten *(1 year)*

Grade Level: K

Science promotes active learning through a blend of print, inquiry, and digital experiences. In this course, students will explore how we use our senses; the tools and skills scientists use; what are living things, like plants and animals; how they grow and change and what their habitats are like. The students will investigate day and night and the differences in the day and night sky. They will learn about weather and our seasons. Earth's resources will be discussed and how we can conserve the natural resources. Students will learn how matter changes; answer the questions, what is sound, what is light, and what heat is; and investigate motion and which objects magnets attract.

Social Studies, Kindergarten *(1 year)*

Grade Level: K

Children who come to kindergarten may already have some space, time, and causal knowledge about their own world. During their school experience, they will expand these understandings, moving outward to learn about other people, places, and times, fording links with people from the past, both ordinary and extraordinary, is part of this exploratory process.

ENGLISH AS A SECOND LANGUAGE (ESL):

ESL Course Offerings

DynEd Pro English Certification Program

- Through the DynEd Pro English Certification program, student progress is measured based on performance across time, as students complete a series of requirements.
- Providing evidence of a required proficiency level is easy with DynEd's new English Certification Program and can give your students a goal to work toward.

Elementary School

Young English students will enjoy learning with DynEd! In DynEd Kids' courses, an animated cast of characters guides the learning process, and a series of effective lessons build the English language skills needed for success in school. The learning sequence follows the natural learning path: listening, speaking, reading and writing. Our carefully sequenced content is presented dynamically for each learner, so students remain engaged as they learn English naturally.

Secondary School

With age-appropriate courseware for middle and high school students, DynEd prepares learners to succeed in an Academic English learning environment. With a focus on school subject content and classroom language situations, students develop the English skills they need to do well in subjects like Math, Science and History. As they progress towards their certification goals, they also develop the fluency required to pass college admission tests like TOEFL®.

Higher Education

University students receive the intense ESL instruction they need to engage in their careers of choice, reducing their learning time in half. In addition, with DynEd Analytics, Program Directors from around the world can instantly measure the effectiveness of their English program, from top to bottom – for one class, one or more campuses, and even at the national or international level. Universities around the world are increasingly recognizing DynEd Certificates, based on CEFR levels, as a standard for English language proficiency.

Middle Grades English (1) ESL – Certification Level A1

Using a series of online activities which include writing, reading, listening and speaking, students work on language skills to improve their comprehension and use of English in an academic program. In this course, students interact with a native English speaker and complete assignments that meet identified standards for Academic English in an American education program. The focus of this level also includes conversational language studies in middle grade English.

Middle Grades English (2) ESL - Certification Level A1+

Using a series of online activities which include writing, reading, listening and speaking, students work on language skills to improve their comprehension and use of English in an academic program. In this course, students interact with a native English speaker and complete assignments that meet identified standards for Academic English in an American education program. The focus of this level also includes conversational language studies in middle grade English.

English 1 (B) ESL - Certification Level A2

Using a series of online activities which include writing, reading, listening and speaking, students work on language skills to improve their comprehension and use of English in an academic program. In this course, students interact with a native English speaker and complete assignments that meet identified standards for Academic English in an American education program. The focus of this level also includes conversational language studies in English 1.

English 2 (A) ESL - Certification Level A2+

Using a series of online activities which include writing, reading, listening and speaking, students work on language skills to improve their comprehension and use of English in an academic program. In this course, students interact with a native English speaker and complete assignments that meet identified standards for Academic English in an American education program. The focus of this level also includes conversational language studies in English 2.

English 2 (B) ESL - Certification Level B1

Using a series of online activities which include writing, reading, listening and speaking, students work on language skills to improve their comprehension and use of English in an academic program. In this course, students interact with a native English speaker and complete assignments that meet identified standards

for Academic English in an American education program. The focus of this level also includes conversational language studies in English 2.

English 3 (A) ESL - Certification Level B1+

Using a series of online activities which include writing, reading, listening and speaking, students work on language skills to improve their comprehension and use of English in an academic program. In this course, students interact with a native English speaker and complete assignments that meet identified standards for Academic English in an American education program. The focus of this level also includes conversational language studies in English 3.

English 3 (B) ESL - Certification Level B2

Using a series of online activities which include writing, reading, listening and speaking, students work on language skills to improve their comprehension and use of English in an academic program. In this course, students interact with a native English speaker and complete assignments that meet identified standards for Academic English in an American education program. The focus of this level also includes conversational language studies in English 3.

English 4 (A) ESL - Certification Level B2+

Using a series of online activities which include writing, reading, listening and speaking, students work on language skills to improve their comprehension and use of English in an academic program. In this course, students interact with a native English speaker and complete assignments that meet identified standards for Academic English in an American education program. The focus of this level also includes conversational language studies in English 4.

English 4 (B) ESL - Certification Level C1

Using a series of online activities which include writing, reading, listening and speaking, students work on language skills to improve their comprehension and use of English in an academic program. In this course, students interact with a native English speaker and complete assignments that meet identified standards

for Academic English in an American education program. The focus of this level also includes conversational language studies in English 4.

College Readiness English ESL - Certification Level C2

Using a series of online activities which include writing, reading, listening and speaking, students work on language skills to improve their comprehension and use of English in an academic program. In this course, students interact with a native English speaker and complete assignments that meet identified standards for Academic English in an American education program. The focus of this level also includes conversational language studies in college readiness English.

THEOLOGY:

Theology Course Offerings

We Love Jesus!, 1st Grade *(1 semester)*
Grade Level: 1

Children naturally ask the question, "Who is God?" They also readily accept the answer that God is our Creator, a loving Father who made all things and all people. This natural curiosity is born from a desire to understand and discover the source of truth, beauty and goodness. This course introduces God as love, and the three Persons of God as a Divine Family. Students come to understand that it was out of love that God created all things and He invites us to share in His life and love through Jesus whom God sent into the world to save us and to lead us to His Father.

Jesus Loves Us!, 2nd Grade *(1 semester)*
Grade Level: 2

Second grade children are typically preparing for the Sacraments of Reconciliation and Eucharist. This course provides an in-depth background to the person of Jesus, the Son of God and our risen Savior and LORD, based on key teaching from both the Old and New Testaments, as well as the Catechism of the Catholic Church. Children will reflect on God's goodness in Creation, as well as the unfortunate reality of original sin, which can be seen around us in a fallen world. As children are taught to think more closely about the good and bad choices that we make in our everyday lives the concept of sin is gradually introduced. They are taught that sin is a deliberate choice, which is contrary to the love of God revealed to us in Jesus, which makes us unhappy. Jesus shows us how-to live-in love as God's children, and how to

avoid sin and overcome selfishness through our participation in the Sacraments of the Eucharist and Reconciliation.

The Church is God's Family!, 3rd Grade *(1 semester)*

Grade Level: 3

While we encounter God in many places in our lives, especially in our families, we encounter Him in a very special way in and through the Church that Jesus started. The Church is the family of God and we become members of the Church through Baptism. Students are taught about the beauty of the Church with her birthday on Pentecost, the growth of the Church through the Apostles, and the family of the Church with its unity and diversity. Special emphasis is given to faith as the means by which we entrust our lives to God and learn to live in His love at all times. We profess our faith through the Creed, which affirms our belief in the three Divine Persons, Father, Son and Holy Spirit.

God Guides Us!, 4th Grade *(1 semester)*

Grade Level: 4

God wants us to be happy and to live as His children. As a loving Father, He instructs us through the Ten Commandments which keep us from sin and help us to do what is pleasing to Him. We also learn how to love and serve others through the Beatitudes, which Jesus taught in the Sermon on the Mount. Children are provided with a clear understanding of the moral life based on the two great commandments, love for God and love for neighbor. Children are challenged to be generous in their commitment to loving and serving others in the way that Jesus has generously loved us.

Jesus Comes to Meet Us!, 5th Grade *(1 semester)*

Grade Level: 5

The Sacraments of the Church are a unique expression of God's love for us because in the seven sacraments the Son of God comes to meet us and give us the joy of salvation. We experience this grace as a gift from God, something completely free and unmerited. Students learn three types of sacraments and reflect on the signs and symbols through which we are given a participation in God's own life and love. Each of these sacraments was established by Jesus as a way of uniting us to Himself because they offer us the opportunity to live our lives in close communion with Him.

The Story of the Old Testament I, 6th Grade *(1 semester)*
Grade Level: 6

This course is designed to be a gradual introduction to the Old Testament, especially the major events and main characters in the story of Salvation History, from creation to John the Baptist. The goal of this course is to help students become more aware of the events and people who lived prior to the coming of Christ, and who prepared the way for the Messiah. Each lesson provides a brief narrative of part of the history of Israel, including important dates and names that students should know to understand the story of salvation in the Bible. The emphasis is on God's plan of salvation, which unfolds gradually for the coming of Christ in the fullness of time.

The Story of the Old Testament II, 6th Grade *(1 semester)*
Grade Level: 6

This course is designed to be a gradual introduction to the Old Testament, especially the major events and main characters in the story of Salvation History, from creation to John the Baptist. The goal of this course is to help students become more aware of the events and people who lived prior to the coming of Christ, and who prepared the way for the Messiah. Each lesson provides a brief narrative of part of the history of Israel, including important dates and names that students should know to understand the story of salvation in the Bible. The emphasis is on God's plan of salvation, which unfolds gradually for the coming of Christ in the fullness of time.

The Story of the New Covenant, 7th Grade *(1 semester)* Grade Level: 7 *(1 semester)*

This course introduces students to the life and teachings of Jesus of Nazareth as portrayed in the four Gospels. Students will begin to reflect on some key aspects of the public ministry of Jesus including his parables, the Sermon on the Mount, his miracles, and his establishment of the Church on the foundation of the faith of the Apostles. Special attention will be given to the Paschal Mystery, the death and resurrection of Jesus, which won salvation to the whole world. The course also provides students with an introduction to the Acts of the Apostles and the epistles as well as the Book of Revelation.

Believing, Living, and Praying our Faith, 8th Grade *(1 semester)* Grade Level: 8 *(1 semester)*

The Christian faith consists of four essential elements: our Profession of Faith in the twelve articles of the Creed; our celebration of the faith in the liturgy of the Church and the seven sacraments; our living of the faith by adhering to the Ten Commandments and the life of Christ; and our prayer which is based on the prayer that Jesus gave us, the Our Father. This course allows the student who is completing Middle grades

to review each of these four elements and to discover new insights and way to faithfully live one's life as a committed disciple or follower of Christ. With this commitment, the student is also prepared for the celebration of the Sacrament of Confirmation if it is to be administered at this time. The course provides a sound doctrinal overview of the faith.

The Revelation of Jesus Christ in Sacred Scripture, 9th Grade (*1 semester)* Grade Level: 9 *(1 semester)*

The purpose of this course is to give students a deeper knowledge and understanding of the Sacred Scripture as the word of God. Through their study of the Bible, students will discover the living Word of God, who reveals to us that entire God wants us to understand for our salvation. Students will explore the uniqueness of the Bible, authored by God through divine inspiration, and by men using various literary forms. Students will also learn how to read the Bible with understanding and become familiar with the major sections of Scripture, and the books included in each section. Special emphasis is given to God's deeds revelation of Himself to us throughout salvation history.

Who is Jesus Christ?, 9th Grade *(1 semester)* Grade Level: 9 *(1 semester)*

This course helps students to understand all that God has done for us in and through His beloved Son, our Lord Jesus Christ. Students are encouraged to reflect on the mystery of God's plan and to seek deeper understanding of the mystery of Christ whom God sent into the world to make atonement for our sins. Students explore God's plan for us to share eternal happiness with Him through the redemption, which Christ has won for us. Jesus Christ is the one mediator between God and man, but He is also the Bridegroom of the Church and the fulfillment of many prophecies of old. Students are introduced to what it means to be a disciple of Christ and what life as a disciple entails, practically speaking, day-to-day.

The Mission of Jesus Christ, 10th Grade *(1 semester)* Grade Level: 10 *(1 semester)*

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that from the first moment of creation, God has planned for us to share in Divine life as children of God the Father, sisters and brothers of the Son, united in the Holy Spirit. This is accomplished through the Redemption Christ has won for us. Students will learn how we share in this redemption through Christ and will also be introduced to what it means to be a disciple of Jesus Christ, responding to his call in our lives.

The Mission Continues in the Church, 10th Grade *(1 semester)* Grade Level: 10 *(1 semester)*

This course leads students to discover Christ in and through His Church so that they may know Him and encounter Him there. Christ, through the Apostles, informs students about the founding of the Church and how Christ through the Holy Spirit sustains the Church. Students come to understand the Church as the living Body of Christ today. Special emphasis is given to the four marks and mission of the Church, the hierarchy, consecrated life, and the role of the laity. Students learn about the mission of the Church to advance the Kingdom of God in the world.

Sacraments: Privileged Encounters with Christ, 11th Grade *(1 semester)* Grade Level: 11 *(1 semester)*

This course helps students to understand the experience of a privileged encounter with Jesus in a profound way in and through the sacraments of the Church. This is most true in the celebration and reception of the Eucharist in the Church's liturgy. Students examine each of the sacraments in detail to learn how they may both encounter Christ throughout their lives, as well as serve and follow Him by contributing to the growth of His Kingdom in this world. The course encourages students to reflect on their own experience of encountering Christ in and through the Sacraments that they have received. The final chapter focuses on sacraments and their role in the day-to-day lives of Catholics is included.

Life in Jesus Christ, 11th Grade *(1 semester)* Grade Level: 11 *(1 semester)*

This course helps students to understand the moral life and the teachings of the Church regarding moral issues. Students discover that it is only through Christ that they can fully live out God’s plans for their lives. Students explore moral concepts and the precepts that govern the lives of Christ’s disciples, as well as the call to holiness, which is taught by Jesus in the Beatitudes and the Sermon on the Mount. Students will also learn about the formation of conscience and the role of natural law in understanding moral truth.

Responding to the Call of Jesus Christ, 9th-12th Grade *(1 semester)*

Grade Level: 9-12 (1 semester)

The purpose of this course is to help students to understand the vocations of life and how Christ calls us to live in committed, loving relationships with others. In this course, students discover how all vocations are similar and how they differ. The course is structured around developing a deeper understanding of the nature of marriage with its joys and challenges; life as an unmarried person in the world; a life of priestly service to others in the Church; and consecrated life with the vows of poverty, chastity, and obedience.

The History of the Christian Church Part I, 33-1550 A.D., 12th Grade

(1 semester) Grade Level: 12 *(1 semester)*

This course studies the Bible: Why Careful Bible Study Matters, Approaching the Word of God, Taking Scripture at Face Value, Historical & Geographical Factors, Cultural Factors, Literary Factors, Scripture as the Voice of God, Reading the Bible as a Unified Message, Reading the Bible Simply, Reading the Bible with Humility & Dependence, Reading the Bible for Transformation and Growing in Your Ability to Interpret Scripture

The History of the Christian Church Part II, 1550-21st Century, 12th Grade *(1 semester)* Grade Level: 12 *(1 semester)*

This course studies the Bible: Why Careful Bible Study Matters, Approaching the Word of God, Taking Scripture at Face Value, Historical & Geographical Factors, Cultural Factors, Literary Factors, Scripture as the Voice of God, Reading the Bible as a Unified Message, Reading the Bible Simply, Reading the Bible with Humility & Dependence, Reading the Bible for Transformation and Growing in Your Ability to Interpret Scripture

The Pentateuch, 8th Grade *(1 semester)*
(0.5 credit)

This course studies the Pentateuch: Introduction, How to Read the Old Testament, Creation, The Fall, Abraham, Jacob, Joseph & Judah, Redemption, Covenant, Tabernacle, Key Themes in Leviticus, Key Passages in Leviticus, Theological Themes in Numbers, Key Passages in Numbers and The Big Picture of Deuteronomy.

The Historical Books *(0.5 credit)*

This course studies the Historical Books: Introduction, Joshua, Judges, Ruth, Samuel, Kings, Chronicles, Ezra & Nehemiah and Esther.

The Poetic & Prophetic Books *(0.5 credit)*

This course studies the Poetic and Prophetic Books: Introduction, Job, The Psalms, Proverbs, Ecclesiastes, Song of Songs, How to Read Prophecy, Isaiah, Jeremiah & Lamentations, Ezekiel, Disputed Passages in

Ezekiel, Daniel, The Minor Prophets, Hosea, Joel, Amos, & Obadiah, Micah, Nahum, & Habakkuk, and Zephaniah, Haggai, Zechariah, & Malachi.

The Gospels & Acts *(0.5 credit)*

This course studies the Gospels & Acts: Review the Old Testament, The Four Gospels, How the Gospels Were Written, Introduction to Matthew, The Purpose of Matthew, The Kingdom of God in Matthew, Mark, John, and Introduction to Luke & Acts, Luke and Acts.

Paul's Letters *(0.5 credit)*

This course studies Paul's Letters: Introduction to Paul's Letters, Romans, Corinthians, Galatians, Ephesians, Philippians, Colossians, Philemon, Thessalonians, Timothy, Titus and Timothy.

General Letters & Revelation *(0.5 credit)*

This course studies General Letters & Revelation: Introduction, Hebrews, James, Peter, John, Jude, How to Read Revelation and Revelation.

Genesis *(0.5 credit)*

This course studies Genesis: The Purpose & Setting of Genesis, How to Read Narrative Passages, The Structure of Genesis, The Sovereign Creator, God's Design in Creation, The Creation of Human Beings, The Good Creator, The Anatomy of Temptation, Hope for a Cursed World, The Downward Spiral of Sin & Death, God's Covenant with Abraham, Faith & Failure, Abraham as a Blessing to the World, The Faithfulness of God Despite Deceit, God Builds a Nation and Judah & Joseph.

Gospel and Society *(0.5 credit)*

This course studies Gospel and Society: Introduction, Where the Gospel & Culture Intersect, The Gospel & Business, The Gospel & Education, The Gospel & Health Care, The Gospel & the Marginalized, The Gospel & Art, The Gospel, Media, & Politics, Good News, Overcoming Objections, The Great Command and the Great Commission, & Worldview.

Discipleship *(0.5 credit)*

This course studies Mentoring in the church: What Is a Mentor? Mentoring in the Bible, The Need for Mentoring, Essential Elements of Mentoring, Pitfalls in Mentoring, Qualities of a Mentor, The Benefits of Mentoring, What Young Adults Are Looking For, Three Big Questions Young Adults Are Asking and End Well.

PROFESSIONAL DEVELOPMENT:

Instructor Professional Development Course Offerings

Fundamentals of Online Education *(Earn 3 college credits or 60 in-service points)*

Fundamentals of Online Education is designed using the iNACOL National Standards for Quality Online Instruction framework to help existing educators establish or improve their own online or blended teaching practices and is suitable for all teachers. There is no requirement for participants to possess prior knowledge or experience of online teaching practices or related technologies. This course is relevant for those who are:

• New to online or blended teaching or those wishing to improve their current practice

• Interested in educational technology and/or online instruction

• Continuing professional development to increase their relevance and value to the contemporary workplace